

CICS Transaction Server for z/OS  
Version 5 Release 6

*CICSplex SM Resource Tables Reference*



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## About this PDF

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This PDF describes the format and content of CICSplex® SM resource tables. The resource tables can be accessed by the application programming interface (API) or the batched repository-update facility, or can be used in real-time analysis. A set of machine-readable copybooks is provided for each CICSplex SM resource table. The set consists of one copybook for each language supported by the API. Before CICS TS V5.4, these tables were split across two PDFs.

For details of the terms and notation used in this book, see [Conventions and terminology used in the CICS documentation](#) in IBM Knowledge Center.

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# Chapter 1. Developing system programs using CICSplex SM resource tables

CICSplex SM resource tables describe the information available for resource classes created or managed by CICSplex SM.

A resource class is a template that describes the attributes of the actual objects that exist in a CICSplex. For example, a local transaction installed in a CICS system has the attributes described by the LOCTRAN resource class. Likewise, the MONDEF resource class describes the attributes of each CICSplex SM monitor definition created by a user.

Each resource class in CICSplex SM has a unique name. The resource class name is used as the name of the resource table that describes its attributes. In many, but not all, cases the resource class name is the same as the Web User Interface (WUI) view that provides information about the resource class. The view names are relative distinguishing names that have a meaning only within the WUI. A resource class name is a unique distinguishing name in CICSplex SM. All requests for resource data from the API, batched repository-update facility, or RTA evaluation definitions must use the resource class name that is defined in the resource table.

The terms *resource table* and *resource class* are used to refer to the resource class. The terms *attribute* and *field* are both used to refer to a resource class attribute definition.

## CICS definition resource tables

The CICS definition resource tables describe resource definitions that CICSplex SM can assign to and possibly install in CICS systems.

Table 1.

---

### Summary of resource tables

ATOMDEF	FEPRODEF	PROFDEF
BUNDDEF	FETRGDEF	PROGDEF
CONNDEF	FILEDEF	PRTNDEF
CSDGROUP	FSEGDEF	RQMDEF
CSDINGRP	IPCONDEF	SESSDEF
CSDINLST	JRNLDEF	TCPDEF
CSDLIST	JRNMDEF	TDQDEF
DB2CDEF	JVMSVDEF	TERMDEF
DB2EDEF	LIBDEF	TRANDEF
DB2TDEF	LIBDSN	TRNCLDEF
DOCDEF	LSRDEF	TSMDEF
EJCODEF	MAPDEF	TYPTMDEF
EJDJDEF	MQCONDEF	URIMPDEF
ENQMDEF	PARTDEF	WEBSVDEF
FENODDEF	PIPEDEF	
FEPOODEF	PROCDEF	

## CICS operations resource tables

The CICS operations resource tables describe resources that exist in active CICS systems that are being managed by CICSplex SM.

Table 2.

---

### Summary of resource tables

AIMODEL	EXTRATDQ	RECOVERY
ATOMSERV	FEPICONN	REMAFILE
BRFACIL	FEPINODE	REMTDQ
BUNDLE	FEPIPOOL	REMTRAN
BUNDPART	FEPIPROP	REQID
CFDTPPOOL	FEPITRGT	RPLLIST
CICSDSA	HOST	RQMODEL
CICSPAGP	HTASK	SMFJRNL
CICSRGN	INDTDQ	STREAMNM
CICSSTOR	INTRATDQ	SYSDUMP
CLCACHE	IPCONN	SYSPARM
CMDT	IPFACIL	TAPEJRNL
CONNECT	JRNLMODL	TASK
DBCTLSS	JRNLNAM	TASKESTG
DB2CONN	JVM	TASKFILE
DB2ENTRY	JVMPOOL	TASKRMI
DB2PKGST	JVMPROF	TASKTSQ
DB2SS	JVMSERV	TASKASSC
DB2THRD	LIBRARY	TCPIPGBL
DB2TRAN	LOADACT	TCPIPS
DB2TRN	LOADER	TDQGBL
DOCTEMP	LOCFILE	TERMNL
DOMSPOOL	LOCTRAN	TRANCLAS
DSKJRNL	LSRPBUF	TRANDUMP
DSNAME	LSRPOOL	TSKSPOLS
DSPGBL	MASHIST	TSKSPPOOL
DSPMODE	MASSTAT	TSMODEL
DSPPOOL	MODENAME	TSPPOOL
EJCOBEAN	MONITOR	TSQGBL
EJCOSE	MQCON	TSQNAME
EJDJAR	MQCONN	TSQSHR
EJDJBAN	MQINI	TSQUEUE
ENQMODEL	MVSESTG	UOW
ENQUEUE	MVSTCB	UOWDSNF
EPADAPT	MVSTCBGL	UOWENQ
EPADSET	MVSWLM	UOWLINK
EPAINSET	NODEJSAP	URIINGRP
EVCSDATA	OSGIBUND	URIMPGBL
EVCSINFO	OSGISERV	URIMAP
EVCSOPT	PARTNER	VOLUME
EVCSPEC	PIPELINE	WEBSERV
EVNTBIND	PIPINGRP	WORKREQ
EVNTGBL	PROCTYP	XMLTRANS
EXCI	PROFILE	
EXITGLUE	PROGRAM	
EXITTRUE		
EXTGLORD		

## CICS monitored resource tables

The following table lists resources that exist in active CICSplex SMs and which are being monitored by CICSplex SM.

Table 3.

---

### Summary of resource tables

MCICSDSA	MJRNLNAM	MREMFIL
MCICSRGN	MLOCFILE	MREMTDQ
MCMDT	MLOCTRAN	MREMTAN
MCONNECT	MLSRPBUF	MTDQGBL
MDB2THRD	MLSRPOOL	MTERMNL
MFEPICON	MMODNAME	MTRANCLS
MINDTDQ	MNTRATDQ	MTSQGBL
MJOURNAL	MPROGRAM	MXTRATDQ

## CICSplex SM definition resource tables

The CICSplex SM definition resource tables are used by CICSplex SM management applications, such as Workload Manager and Business Application Services.

Table 4.

---

### Summary of resource tables

ACTION	JRMINGRP	RESINDSC
APPLDEF	JRNINGRP	RESINGRP
APSPEC	LIBDEF	RQMINGRP
ATMINGRP	LIBINGRP	RTADEF
BUNINGRP	LNKSMSCG	RTAGROUP
CMDMPAPS	LNKSMSCS	RTAINAPS
CMDMSAPS	LNKSRSCG	RTAINGRP
CONINGRP	LNKSRSCS	RTAINSPC
CSGLCGCG	LNKSWSCG	RTASPEC
CSGLCGCS	LNKSWSCS	SESINGRP
CSYSDEF	LSRINGRP	STAINGRP
CSYSGRP	MAPINGRP	STATDEF
DOCDEF	MONDEF	SYSLINK
DOCINGRP	MONGROUP	TCLINGRP
DTRINGRP	MONINGRP	TCPINGRP
D2CINGRP	MONINSPC	TDQINGRP
D2EINGRP	MONSPEC	TERMDEF
D2TINGRP	MQCINGRP	TRANGRP
EJCINGRP	PARINGRP	TRMINGRP
EJCODEF	PERIODEF	TRNINGRP
EJDINGRP	PGMINGRP	TSMINGRP
ENQINGRP	PIPEDEF	TYPINGRP
EVALDEF	PLATDEF	URIMPDEF
FILINGRP	PRCINGRP	WEBINGRP
FNOINGRP	PRNINGRP	WEBSVDEF
FPOINGRP	PROGDEF	WLMDEF
FPRINGRP	PROINGRP	WLMGROUP
FSGINGRP	RASGNDEF	WLMINGRP
FTRINGRP	RASINDSC	WLMINSPC
IPCINGRP	RESEDESC	WLMSPEC
JMSINGRP	RESGROUP	

# CICSplex SM configuration definition resource tables

CICSplex SM uses the following definitions for configuration purposes:

- CMTCMDEF
- CMTPMDEF
- CPLXCMAS
- CPLEXDEF

# CICSplex SM management resource tables

A list of runtime resources that are either built from CICSplex SM definitions or created by CICSplex SM management applications during processing.

Table 5.

---

## Summary of resource tables

APACTV	CRESFEND	CRESURIM
APPLCTN	CRESFEPO	CRESWEBS
BATCHREP	CRESFETR	CRESXMLT
CICSPLEX	CRESFILE	EVENT
CMAS	CRESGLUE	EVENTDTL
CMASLIST	CRESIPCN	MAS
CMASPLEX	CRESJRNL	MGMTPART
CMTMMLNK	CRESJRNM	PLATFORM
CMTPMLNK	CRESJVMS	POLMON
CRESAIMD	CRESLIBR	RASPROC
CRESATOM	CRESMODE	RDSCPROC
CRESBUND	CRESNODJ	RTAACTV
CRESCONN	CRESPART	SYSRES
CRESDB2C	CRESPIPE	WLMATAFF
CRESDB2E	CRESPRGM	WLMATARG
CRESDB2P	CRESPROF	WLMATGRP
CRESDB2T	CRESPTY	WLMATRAN
CRESDOCT	CRESRQMD	WLMAWAOR
CRESDSNM	CRESSDMP	WLMAWDEF
CRESNQM	CRESTCPS	WLMAWORK
CRESEPAD	CRESTDMP	WLMAWTOR
CRESEPAS	CRESTDQ	
CRESEVBD	CRESTERM	
CRESEVCS	CRESTRAN	
CRESFECO	CRESTRUE	
	CRESTSMD	



## CICSplex SM notification resource tables

The CICSplex SM notification resource tables list messages that are generated asynchronously by CICSplex SM managed objects to report an interesting event.

Table 6.

## Summary of resource tables

EACTNTFN	ERMCONNN	ERMCOSGS
ECSYSCHG	ERMCDDB2C	ERMCPART
EDEFCHG	ERMCDDB2E	ERMCPPIPE
EL SIGNAL	ERMCDDB2P	ERMCPRGM
EMASJOIN	ERMCDDB2T	ERMCPROF
EMASSICK	ERMCDDOCT	ERMCPRTY
EMASSTOP	ERMCDSDNM	ERMCRQMD
EMASSTRT	ERMCDENQM	ERMCDSDMP
EMASWELL	ERMCEPAD	ERMCTCPS
EMCICS	ERMCEPAS	ERMCTDMP
EMCONN	ERMCEVBD	ERMCTDQ
EMDBX	ERMCEVCS	ERMCTERM
EMFILE	ERMCEVSD	ERMCTRAN
EMGLBL	ERMCEVSI	ERMCTRUE
EMJRNL	ERMCEVSO	ERMCTSMD
EMPROG	ERMCFECO	ERMCURIM
EMSTATUS	ERMCFEND	ERM CW EBS
EMTDQS	ERMCFEPO	ERM CXMLT
EMTERM	ERMCFETR	ERMMCONN
EMTRAN	ERMCFILE	ERMMFILE
EPLEXCHG	ERMCGLUE	ERMMJRNL
ERESSTAT	ERMCI PCN	ERMMPRGM
ERMCAIMD	ERM CJRN L	ERMMTDQ
ERM CATOM	ERM CJRN M	ERMMTERM
ERM CBUND	ERM CJVMS	ERMMTRAN
	ERMCLIBR	ESGRPCHG
	ERMCMODE	
	ERM CNODJ	
	ERM COSGB	

## CICSplex SM metadata resource tables

The following table list objects that describe the structure of other CICSplex SM managed objects, including general characteristics, valid actions, and object attributes.

Table 7.

## Summary of resource tables

ASYNCREQ	METADESC
ATTR	METANAME
ATTRAVA	METAPARM
BINCONRS	OBJECT
BINCONSC	OBJECT
BINSTERR	OBJSTAT
FEEDBACK	PARMAVA

## Resource class key attributes

Each resource class can have many object instances in a CICSplex. Each object instance is a named entity and one or more attributes provide the instance key.

For example, the attribute TRANID in the LOCTRAN resource class identifies the attribute that is the name or key field. Resource class key fields are highlighted in the resource table descriptions. Some resource classes have multiple key fields.

For resource classes that describe CICSplex SM definitions, the key attributes are used to construct the physical keys used in the EYUDREP VSAM KSDS file. For these resource classes, one or two key fields are defined. One key field is identified as the **Primary** key. The other field, if used, is identified as the **Secondary** key. A suffix of -*n*, where *n* is the key level number, is added to the name in the table.

Key fields are used to:

- Uniquely identify resources for the CREATE, UPDATE, and REMOVE statements in the API and batched repository-update facility.

When you create, update, or remove a CICSplex SM definition, you must supply all the key values. Furthermore, the values for the key fields must be specific; generic values are not allowed.

- Identify the selection criteria for the LIST or DUMP statements in the batched repository-update facility.

When you list or dump CICSplex SM definitions, only the **Primary** key field can be referenced. For these statements, both specific and generic values are allowed for key fields.

- Identify object instances in an evaluation definition.

The instance pattern field in the EVALDEF create panel identifies a specific or generic pattern for the key field of a resource table. The INSTANCE attribute of the EVALDEF resource table is the field in which this information is stored.

The CICSplex SM resource table descriptions in the following sections identify the **Primary** key field for each CICSplex definition resource class. The CICSplex SM notification resource class does not have key fields. The content of the notification identifies the objects associated with the notification.

## Special attribute and resource table considerations

Certain attributes in the CICSplex SM resource tables are for internal use only; you should not attempt to modify or manipulate them. Similarly, certain resource tables can be accessed only in certain ways.

### EYU\_ attributes

In CICS resource and CICS monitored tables, CICSplex SM uses the following attributes to uniquely identify which CICS system contains the resource:

- EYU\_CICSNAME
- EYU\_CICSREL

These attributes are included in every CICS resource and CICS monitored resource table record and can be used by the CICSplex SM API. However, you cannot refer to these attributes in any batched repository-update facility command.

### CHANGEAGENT, CHANGEAGREL, CHANGETIME, CHANGEUSRID, and CREATETIME attributes

The resource table descriptions identify the CHANGETIME attribute for CICSplex SM and CICS definitions. The CHANGETIME attribute always contains the date and time of the last modification to the definition. CICS definition resource tables also include the CREATETIME attribute, which is the date and time when the definition was created.

Attribute fields CHANGEAGENT, CHANGEAGREL, and CHANGEUSRID in the resource table resource definition record, combined with the existing CHANGETIME and CREATETIME attributes, form the resource definition signature and are valid only for BAS resource definitions.

CHANGEAGENT displays how the resource was defined or last modified. CHANGEAGREL contains the level of CICS system that created or last modified the resource definition. CHANGEUSRID contains the user ID that created or last modified the resource definition.

The CHANGEAGENT, CHANGEAGREL, CHANGETIME, CHANGEUSRID and CREATETIME attributes are maintained internally by CICSplex SM. Do not attempt to change their values in any way.

## LNKSxSCG Records (LNKSMSCG, LNKSRS CG, LNKSWS CG)

When a CICSplex SM specification-to-CICS group link record (LNKSxSCG) is created or removed, an additional operand, **keyword**, is required. This keyword indicates how the link being created or removed applies to the current members of the CICS system group.

The keywords for the CREATE and REMOVE commands are as follows:

### CREATE

Specify one of the following parameters:

#### FORCE

All current members of the CICS system group should have implicit links established to the named specification. When a link already exists, it is replaced with the newly created link.

#### NULL

Current members of the CICS system group should have implicit links established to the named specification only if no link already exists.

#### NONE

No implicit links should be established.

### REMOVE

Specify one of the following parameters:

#### KEEP

All implicit links are to be converted to explicit links.

#### NONE

No implicit links are to be converted to explicit links.

**Note:** You cannot update LNKSxSCG records using the API or batched repository-update facility; you must use either the CICS Explorer® or the Web User Interface.

## LNKSxSCS Records (LNKSMSCS, LNKSRS CS, LNKSWS CS)

When a CICSplex SM specification-to-CICS link record (LNKSxSCS) is created or removed using the batched repository-update facility, two of the **keyword (value)** operand pairs cannot be used. The keyword(value) pairs that must be omitted from the CREATE and REMOVE commands are the LINK and GROUP pairs.

## CSYSDEF xxxACTION and xxxSEV attributes

The CICSplex SM API allows the CSYSDEF xxxACTION and xxxSEV attributes to be used in more than one way.

The following values can be specified for the xxxACTION attributes:

1. The name of an action that is to be taken when this condition occurs.
2. An asterisk (\*). This allows the action to be inherited. The rules for specifying inheritance are given in the CSYSDEF Resource Table in [CICSplex SM resource tables](#).
3. Leave the attribute blank. This causes a default value to be used. Default notification values are listed in [Default notification values](#).

The following values can be specified for the xxxSEV attributes:

1. The value that is to be used as the severity for this condition.
2. NO. This means that the condition is not to be monitored.

3. The EYUDA INHERIT value. This causes the value to be inherited.
4. The EYUDA N\_A value. This causes the default security level for this condition to be used.

## Parameters for managing CICSplex SM Definitions

You can use CICSplex SM to describe the set of CICS definitions to be installed in a CICS system.

### Creating CICSplex SM definitions

When you create a CICS system definition using the batched repository-update facility or the API, you can identify an existing CICS system to be used as a model. The CREATE command for the SYSRES object accepts the following parameter:

#### **MODEL(csysdef)**

(Optional) Specify the name of an existing CICS system whose system links definitions are to be used as a model.

## Parameters for managing CICS Definitions

You can use CICSplex SM to manage your CICS resource definitions as CICS Definition objects.

### Parameters for managing CICS definitions with BAS

You can use CICSplex SM to manage your CICS resource definitions as CICS definition objects with BAS.

#### **Creating Resource descriptions**

A resource description represents the largest set of resources that can be managed as a unit by CICSplex SM. It might consist of all the resources in several resource groups or resource assignments (much like a CSD group list) or the set of resources that make up a given application on various CICS systems. When you create a resource description using the batched repository-update facility or API, you can identify an existing resource description to be used as a model.

The **CREATE** command for the RESDESC object accepts the following parameter:

#### **MODEL(resdesc)**

(Optional) Specify the name of an existing resource description whose resource assignments are to be used by the new resource description.

#### **Creating Resource groups**

One aspect of managing CICS Definitions is combining them into logical sets of resources in a resource group (RESGROUP). When you create a resource group using the batched repository-update facility or API you can identify an existing resource group to be used as a model. The CREATE command for the RESGROUP object accepts the following parameters:

#### **MODEL(resgroup)**

(Optional) Specify the name of an existing resource group whose resource definitions are to be used by the new group.

#### **MODE(option)**

(Required, if you specified a MODEL value) Indicate which definitions are to be copied from the model resource group to the new group:

##### **NO**

Do not copy any definitions from the model group.

##### **ASSOCIATIONS**

Copy the associations between resource definitions and the model group (RESINGRP definitions) and create a new set of associations from the existing resources to the new group.

##### **MEMBERS**

Copy all the resource definitions in the model group and create a new set for use by the new group.

## Adding CICS Definitions to a Resource group

When you create CICS Definitions using the batched repository-update facility or API, you can add them to an existing resource group by using the RESGROUP parameter. The CREATE command for each CICS Definition object (such as CONNDEF) supports the following parameter:

### RESGROUP(resgroup)

(Optional) Specify the name of an existing resource group to which the CICS Definition should be added.

## Selecting CICS Definitions

When you use the GET API command to create a result set of CICS Definition records, you can limit your request to definitions in a given resource group, or CICS system. The GET command for each CICS Definition object (such as CONNDEF) supports the following parameters:

### RESGROUP(resgroup)

(Optional) Specify the name of an existing resource group from which CICS Definition records should be selected.

### CICSSYS(value)

(Required for SYSRES definition, optional for all others) Specify the name of an existing CICS system whose system links definitions are to be used as a model.

When the CICSSYS parameter is used, the result set will contain records that have been modified to show what the record would look like when installed in the system specified by CICSSYS(value).

## Managing CICS definitions in the CSD

You can use CICSplex SM to manage your CICS resource definitions in the CSD.

### Add a resource to a group

Add a CSD resource to a CSD group either with the **CREATE** command or with the **CSDCOPY** action.

The **CREATE** command creates a new resource definition in the CSD. When the resource definition is created, it must be assigned to a group. The **CREATE** command contains the following parameter:

#### CSD

This parameter is optional.

Specifies whether the resource is a CSD resource. You must specify PARM=CSD if you are creating a CSD resource.

The **CSD** parameter is defined without a value. The CSD group into which the resource definition is defined is specified as an attribute of the resource definition: CSDGROUP=*groupname*

The **CSDCOPY** action copies an existing CICS resource definition, which is defined in the CSD, from one CSD group to another. The **CSDCOPY** action contains the following parameters:

#### AS\_RESOURCE(value)

Specifies the name that the copy of the resource will take.

The **AS\_RESOURCE** and **TO\_CSDRESOURCE** parameters are mutually exclusive. Specify only one of these parameters on a **CSDCOPY** action.

#### DUPACTION {DUPERROR|DUPNOREPLACE|DUPREPLACE}

This parameter is optional.

Specifies the action that CICSplex SM takes if the **CSDCOPY** action would result in a duplicate definition in the target CSD group.

##### DUPERROR

If **DUPACTION=DUPERROR** is specified, an error is returned to the user if the **CSDCOPY** action would result in a duplicate resource in the target CSD group.

##### DUPREPLACE

If **DUPACTION=DUPREPLACE** is specified, duplicate resource definitions in the target CSD group are replaced by the resource definitions that are being copied into the CSD group.

## **DUPNOREPLACE**

If **DUPACTION=DUPNOREPLACE** is specified, duplicate resource definitions in the target CSD group are not replaced.

## **TO\_CSDGROUP(value)**

Specifies the destination CSD group into which a copy of the resource will be added.

The **AS\_RESOURCE** and **TO\_CSDRESOURCE** parameters are mutually exclusive. Specify only one of these parameters on a **CSDCOPY** action.

## **Add a CSD group to a list**

Add a CSD group to a CSD list with the **CSDADD** action.

The **CSDADD** action adds a group of CSD resources to a list of CSD groups. The **CSDADD** action contains the following parameters:

## **TO\_CSDLIST(value)**

Specifies the CSD list to which to add the CSD group.

## **ADD\_CSDGROUP(value)**

This parameter is optional.

Specifies which existing CSD group to position the supplied CSD group next to in the CSD list. The **ADD\_LOCATION** parameter defines whether the supplied CSD group is added before or after the existing CSD group.

## **ADD\_LOCATION {BEFORE|AFTER}**

This parameter is optional. If this parameter is not specified, the supplied CSD group is appended to the end of the list.

Specifies whether to add the supplied CSD group BEFORE or AFTER the existing CSD group in the CSD list.

## **Remove a resource from a group**

Delete a CSD resource definition from a CSD group with the **REMOVE** command.

The **REMOVE** command, when issued against a CICS resource definition in a CSD group, deletes the resource from the group and CSD.

## **CSD**

This parameter is optional.

Specifies that the resource is to be removed from a group in the CSD.

## **Remove a group from a list**

Remove a CSD group from a CSD list with the **REMOVE** command.

The **REMOVE** command, when issued against the CSDINLST resource, removes a CSD group from a CSD list.

Issuing a **REMOVE** command against the CSDINLST resource is equivalent to issuing a **CEDA REMOVE GROUP(group\_name) LIST(list\_name)** command.

## **Delete a group**

Delete a CSD group from the CSD with the **REMOVE** command.

The **REMOVE** command, when issued against the CSDGROUP resource, deletes a CSD group, and all resource definitions in the group, from the CSD.

Issuing the **REMOVE** command against the CSDGROUP resource is equivalent to issuing a **CEDA DELETE GROUP(group\_name) ALL(\*)** command.

The **REMOVE** command contains the following parameter:

## **LISTREMOVE**

This parameter is optional.

Specifies that the CSD group is to be removed from all CSD lists.

## Parameters for installing CICS definitions using BAS

You can use CICSplex SM to install CICS definition objects in CICS systems that support the EXEC CICS CREATE command.

CICS resources that are represented by CICS definitions can be installed in the following ways:

- Individually, using the INSTALL action for a CICS Definition object (such as CONNDEF).
- As part of a resource group, using the INSTALL action for the RESGROUP object.
- As part of a resource description, using the INSTALL action for the RESDESC object.

The syntax of the INSTALL action, which is shown with each of the resource tables that support it, is essentially the same for each method of installation. Some or all of the following parameters can be used:

### ASSIGNMENT

(Optional) When installing a resource group, specify the name of a resource assignment (RASGNDEF) to be used for the installation.

### CRITERIA

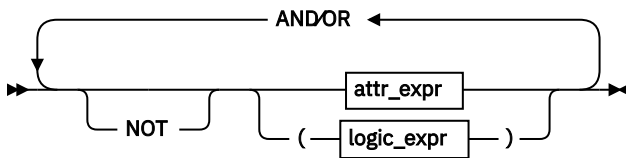
(Optional) When installing a resource group, identify attributes that are to be used in selecting the resources to be installed. CICSplex SM processes only those resources that meet the specified filter criteria.

A filter expression can be made up of one or more attribute expressions in the form:

#### Filter Expression

►► logic\_expr — . ►►

#### logic\_expr



#### attr\_expr

►► attr — oper — value ►►

where:

#### attr

Is the name of an attribute in the resource definition.

You can name the same attribute more than once in a filter expression.

**Note:** You cannot specify the EYU\_CICSNAME or EYU\_CICSREL attributes in a filter expression.

#### oper

Is one of the following comparison operators:

- < Less than
- <= Less than or equal to
- = Equal to
- >= Greater than or equal to
- > Greater than
- ≠ Not equal to

**value**

Is the value for which the attribute is being tested. The value must be a valid one for the CICSplex SM resource table attribute.

If the attribute accepts character data, this value can be a generic. Generic values can contain:

- An asterisk (\*), to represent any number of characters, including zero. The asterisk must be the last or only character in the specified value. For example:

```
TRANID=PAY*
```

- A plus sign (+), to represent a single character. A + can appear in one or more positions in the specified value. For example:

```
TRANID=PAY++96
```

If the value contains imbedded blanks or special characters (such as periods, commas, or equal signs), the entire value string must be enclosed in single quotes. For example:

```
TERMID='Z AB'
```

To include a single quote or apostrophe in a value, you must repeat the character, like this:

```
DESCRIPTION='October' 's Payroll'
```

**ANDOR**

Combines attribute expressions into compound logic expressions using the logical operators AND and OR, like this:

```
attr_expr AND attr_expr.
```

Filter expressions are evaluated from left to right. You can use parentheses to vary the meaning of a filter expression. For example, this expression:

```
attr_expr AND (attr_expr OR attr_expr).
```

has a different meaning than this one:

```
(attr_expr AND attr_expr) OR attr_expr.
```

**NOT**

Negates one or more attribute expressions.

You can negate a single attribute expression, like this:

```
NOT attr_expr
```

You can also negate multiple attribute expressions or even a whole filter expression, like this:

```
NOT (attr_expr OR attr_expr).
```

Note that you must place parentheses around the attribute expressions (or the filter expression) to be negated.

**FORCEINS**

(Optional) Specify YES or NO to indicate whether you want to install the resource even if it already exists. YES is the default.

If you specify NO, the definition will be installed anywhere it does not currently exist. CICSplex SM checks to see if the resource is currently installed in the CICS system. If so, CICSplex SM does not install the new resource, to avoid inadvertently changing attributes of an active resource.

If you specify YES, CICSplex SM bypasses this duplicate resource checking and installs the new resource unconditionally.



## MODE

(Optional. When installing a RESGROUP with the assignment parameter see [“Installing a RESGROUP when ASSIGNMENT is specified”](#) on page 16.) For some resource types, CICSplex SM requires additional information to determine which subset of resource attributes to use in completing the installation. The MODE value you should specify depends on the resource type being installed:

### Program definitions (PROGDEF)

If REMOTE is specified in the Usage field, you can identify how the program is to be routed:

#### DYNAM

Programs are processed by the dynamic routing program (DTR).

#### STAT

Programs are sent to the remote CICS system identified in the Related Scope

### Transaction definitions (TRANDEF)

If you specified a USAGE of REMOTE, you must identify the type of remote reference:

#### DYNAM

Transactions should be processed by the dynamic transaction routing (DTR) program.

#### STAT

Each transaction should be sent to the remote system identified in the transaction definition (TRANDEF).

The value you specify here overrides the Dynamic value in the TRANDEF.

### Transient data queue definitions (TDQDEF)

You can identify the type of transient data queue to be installed:

#### INTRA

Intrapartition TDQ.

#### EXTRA

Extrapartition TDQ.

#### IND

Indirect TDQ.

If you do not specify the MODE parameter, CICSplex SM uses the Type value in the TDQDEF to install the transient data queue. If the Type value is REMOTE, CICSplex SM installs an indirect TDQ.

## NOTIFY

(Optional) Specify the type of checking that should be performed before attempting to install a resource:

### NO

No checking is performed.

### INACTIVE

Check for CICS systems in the target scope that are not currently active.

### RELEASE

Check for CICS systems in the target scope that do not support EXEC CICS CREATE commands.

### FULL

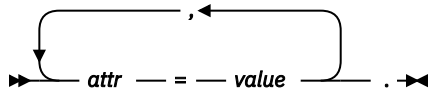
Perform both INACTIVE and RELEASE checking.

## OVERRIDE

(Optional. When installing a RESGROUP with the assignment parameter see [“Installing a RESGROUP when ASSIGNMENT is specified”](#) on page 16.) Identify attributes of the specified resource whose values are to be modified when it is installed in one or more of the specified scopes. (The OVERTYPE value determines which scope the override values are applied to.)

An override expression can be made up of one or more attribute expressions in the form:

## Override Expression



where:

### **attr**

Is the name of a modifiable attribute in the resource definition.

### **value**

Is the value to which you want the attribute set. The following restrictions apply:

- The value must be a valid one for the attribute.
- If the value contains imbedded blanks or special characters (such as periods, commas, or equal signs), the entire value string must be enclosed in single quotes, like this:

```
DESCRIPTION='Payroll.OCT'
```

- To include a single quote or apostrophe in a value, you must repeat the character, like this:

```
DESCRIPTION='October' 's Payroll'
```

## **OVERRIDE**

(Optional.) If you plan to specify an OVERRIDE expression for the installation, indicate which scope the override values should be applied to:

### **TARGET**

Apply the override values to the TARGET scope only.

### **RELATED**

Apply the override values to the RELATED scope only.

### **BOTH**

Apply the override values to both the TARGET and RELATED scopes.

### **NONE**

Do not apply any override values.

## **REFASSIGN**

(Required when installing a CONNDEF) Identify the resource assignment (RASGNDEF) that applies to the related sessions definitions (SESSDEF). For each connection definition, CICSplex SM requires one or more sessions definitions to properly construct the actual CICS connection.

## **RELATED**

(Required, if USAGE is REMOTE. Optional when installing a RESGROUP with the assignment parameter. See [“Installing a RESGROUP when ASSIGNMENT is specified”](#) on page 16.) Specify the name of an existing CICS system or CICS system group into which a resource identified as REMOTE is to be installed as LOCAL.

## **RESTYPE**

(Required when installing a RESGROUP) Specify the type of resource being installed, as one of the following CICS Definition objects:

- |            |            |            |
|------------|------------|------------|
| • ATOMDEF  | • FILEDEF  | • PROGDEF  |
| • BUNNDEF  | • FSEGDEF  | • PRTNDEF  |
| • CONNDEF  | • IPCONDEF | • RQMDEF   |
| • DB2CDEF  | • JRNLDEF  | • TCPDEF   |
| • DB2EDEF  | • JRNMDEF  | • TDQDEF   |
| • DB2TDEF  | • LIBDEF   | • TERMDEF  |
| • DOCDEF   | • LSRDEF   | • TRANDEF  |
| • ENQMDEF  | • MAPDEF   | • TRNCLDEF |
| • FENODDEF | • MQCONDEF | • TSMDEF   |
| • FEPOODEF | • PARTDEF  | • TSQDEF   |
| • FEPRODEF | • PROCDEF  | • TYPTMDEF |
| • FETRGDEF | • PROFDEF  |            |

Note that sessions definitions (SESSDEF) cannot be directly installed. They are installed along with their associated connection definitions (CONNDEF)

### STATECHK

(Optional) Specify YES or NO to indicate whether the existence and operational state of the resource is checked before an EXEC CICS CREATE command is issued. If you specify YES and one or more resources are not in the required state, the **EXEC CICS CREATE COMMAND** is not issued for any of the selected resources. FORCEINS and STATECHK parameters must both be set to YES for the check to be carried out.

### TARGET

(Required except when installing a RESGROUP with the assignment parameter. See [“Installing a RESGROUP when ASSIGNMENT is specified”](#) on page 16.) Specify the name of an existing CICS system or CICS system group into which the resource is to be installed.

### USAGE

(Required except when installing a RESGROUP with the assignment parameter. See [“Installing a RESGROUP when ASSIGNMENT is specified”](#) on page 16.) Specify how the resource will be used:

#### LOCAL

The resource is contained within the target CICS system. LOCAL is valid for all supported resource types.

#### REMOTE

The resource definition refers to a resource installed in a different CICS system. If you specify REMOTE, you must also specify a RELATED value to identify the CICS system that contains a local instance of the resource. REMOTE is valid only for the following resource types:

- FILEDEF
- PROGDEF
- TDQDEF
- TRANDEF

## Replacing a Resource description

You can use CICSplex SM to replace a resource description, using the REPLACE action for the RESDESC object. CICSplex SM attempts to replace all of the resources associated with an installed resource description with the resources associated with a new description. That is, CICSplex SM:

- Discards any resources that are associated with the old resource description, but not the new one.
- Reinstalls any resources that are associated with both the old resource description and the new one, regardless of whether the definitions have changed.
- Installs any additional resources that are associated with the new resource description.

For replacement to occur, the CICSplex SM named in the Target and Related scope fields of both resource descriptions must be active and must be running a release of CICS that supports the EXEC CICS CREATE command.

Some or all of the following parameters can be used:

**CURRENT**

(Required) Specify the specific or generic name of a currently installed resource description that is to be replaced.

**FORCEINS**

(Optional) See page [FORCEINS](#) for a description of the FORCEINS parameter.

**NOTIFY**

(Optional) See page [NOTIFY](#) for a description of the NOTIFY parameter.

**STATECHK**

(Optional) See page [STATECHK](#) for a description of the STATECHK parameter.

## **Installing a RESGROUP when ASSIGNMENT is specified**

When the ASSIGNMENT parameter is used on the INSTALL action for the RESGROUP, the following parameters can be used to override temporarily the values in the RASGNDEF specified by the ASSIGNMENT parameter:

- TARGET
- RELATED
- USAGE
- MODE
- OVERRIDE

In this case the above parameters are optional. In all other cases including the case where a RESGROUP is installed and the ASSIGNMENT parameter is NOT specified, refer to the descriptions listed above for the correct usage.

---

## Chapter 2. How to read resource table descriptions

Each resource class is represented by a resource table that fully describes the attributes of that resource. The information for a resource table is presented in a set of tables that describe the resource as a whole and the individual attributes of the resource table.

### Resource table definition

The first table presented for each resource table defines the general characteristics of the resource table.

The characteristics of a resource table are:

**Characteristic**

**Meaning**

**Table**

The name of the managed object that this resource table describes. This name is used to identify the object in all API commands and from the batched repository-update facility.

**Description**

A 1- to 30-character description of the resource table.

**External resource name**

An external name used for referencing the resource table.

**Length**

The external length of the resource table. This is a fullword value which indicates the length of the resource table records returned in response to an API FETCH command.

**Usage**

Identifies the valid uses for the resource table, as one of the following:

**API**

It can be referenced from the CICSplex SM API.

**Batch Utility**

It can be processed using the batched repository-update facility.

**CICS Management Client Interface**

It can be referenced from the CICS Management Client Interface.

**EVALDEF**

It can be named in a Real Time Analysis evaluation definition.

**API View**

A value of YES indicates the resource table can be referenced in an API SPECIFY VIEW command.

**Object Type**

The type of managed object, as one of the following:

- CICS Definition
- CICS Resource
- CICS Monitored
- CICSplex SM Definition
- CICSplex SM Configuration
- CICSplex SM Manager
- CICSplex SM MetaData
- CICSplex SM Notification

**Copybook identifier**

A unique name for each copy book version of the resource table in each language. The copy book names take the form:

where:

**t**

Identifies which language the copy book supports, as one of the following:

**A**

Assembler

**P**

PL/I

**L**

COBOL

**C**

C

**nnnn**

Is a 4-character numeric resource table identifier.

### Valid API Operations

Identifies which standard API operations (GET, SET, CREATE, UPDATE, and REMOVE) can be requested of the resource table.

### Valid CICS Management Client HTTP methods

Identifies which standard HTTP methods (DELETE, GET, POST, or PUT) can be requested of the resource table.

### Table Invalid CICSREL

For tables with an object type of CICS Definition or CICS Resource, the releases of CICS that do not support the managed object. The CICS release values are shown as follows:

#### E620

CICS TS for z/OS Version 2 Release 2

#### E630

CICS TS for z/OS Version 2 Release 3

#### E640

CICS TS for z/OS Version 3 Release 1

#### E650

CICS TS for z/OS Version 3 Release 2

#### E660

CICS TS for z/OS Version 4 Release 1

#### E670

CICS TS for z/OS Version 4 Release 2

#### E680

CICS TS for z/OS Version 5 Release 1

#### E690

CICS TS for z/OS Version 5 Release 2

#### E700

CICS TS for z/OS Version 5 Release 3

#### E710

CICS TS for z/OS Version 5 Release 4

### PARMS

For objects that require the PARM operand for standard API operations, the valid parameter values. The logical OR character (|) indicates values that are mutually exclusive.

### ACTION

The valid actions for the object. For tables with an object type of CICS Resource, CICS release restrictions, if any, are also shown.

## Active FEEDBACK Error Codes

The error codes and values that can appear in the FEEDBACK resource table when an error occurs for this object.

## Resource table attribute definitions

The second table presented for each resource table defines the attributes in the resource table. Attributes are discrete named elements that represent specific characteristics of a resource class.

The attributes are presented in a tabular format that is consistent with the object type of the resource table. Different attribute characteristics may be shown based on the object type. The following list includes all the characteristic columns. The description of a characteristic indicates the object types to which the characteristic applies.

The characteristics of a resource table attribute are described below:

**Note:** If an attribute participates in the native key of the resource class, the attribute value is shown in reverse highlighting with a numeric value appended to the end for example, **Name-1**. When a resource class uses multiple attributes to identify its native key, the numeric value indicates which segment, in the range of 1 to 9, of the native key this attribute reflects.

### Name

A unique 1- to 12-character name, which is used to identify the attribute.

### Datatype

The data type of the values returned for this attribute. The data types identify the internal format of the data. When an attribute is accessed by the batched repository-update facility, the Web User Interface (WUI), or after conversion by a REXX **TPARSE** API command, the data is displayed in an appropriate formatted manner. When accessed by any other API command, the attribute value is presented in its unchanged internal form. The valid data type keywords are listed here.

When times are displayed as a formatted value, they can include fractions of a second. In the descriptions which follow, for times that include fractions of a second, *t* is tenths of seconds, *h* is hundredths of seconds, *m* is milliseconds, *i* is ten-thousandths of seconds, *j* is hundred-thousandths of seconds, and *u* is microseconds.

### Keyword

#### Description

### ADDRESS

Storage Address. Displayed externally as a printable hexadecimal value.

### AVERAGE

Average. Maintained internally as a binary value with a single implied decimal place. Displayed externally as a zoned decimal value of the form NNN . t.

### AVERAGE3

Average. Maintained internally as a doubleword binary value with three implied decimal places. Displayed externally as a zoned decimal value of the form NNN . ttt.

### BINARY

Binary value. Displayed externally as zoned decimal digits. The null value is binary zero.

### BIT

Bit string. Maintained internally as a binary value. Displayed externally as a printable hexadecimal value.

### BITSTRIP

Maintained internally as a binary value of a set of 32 flags. Displayed as single bit values or sequences of bits, separated by commas; for example 4-7, 9, 11-12, 15, 17, 19-20, 26-29.

### CHAR

Character string. Maintained and displayed as the character data. The null value is blanks.

### CODEDBIN

CICS coded Binary value. Displayed externally as zoned decimal digits, or a value of N/A if the value is -1.

**CVDAS**

CICS CVDA value. Maintained internally as an encoded binary integer. Displayed externally as a 16-character value.

**CVDAT**

CICS CVDA value Terminal Device Type. Maintained internally as an encoded binary integer. Displayed externally as a 16-character value.

**DATETIME**

Date Time Group. Maintained internally as a z Systems® Store Clock value. Displayed externally as a 24-digit formatted value MT/DY/YYYY-HH:MM:SS.thmi. When specified in an RTA Evaluation definition (EVALDEF object), the fractions of a second (thmi) are not required. The other data must be entered exactly as specified with leading zeros, if necessary. For Assembler and COBOL resource tables, the CPSM translator generates a single doubleword (8 bytes) sized field definition. However, for PL/I and C resource tables a two-fullword array is generated for the DATETIME fields.

**DECDATE**

Date. Maintained internally as a 4-byte packed decimal field of the form 0CYYDDD+ where C is the century code, YY is the last two digits of the year, DD is the day number within the year, and + indicates a positive number. A century code of 0 indicates a year in the 20th century (19xx) and a century code of 1 indicates a year in the 21st century (20xx). Displayed as a character string of the form YYYY/DDD.

**DECIMAL**

Decimal value. Maintained internally in packed decimal form. Displayed externally as zoned decimal digits.

**DECTIME**

Time in units of tenths of a second. Maintained internally as a 4-byte packed decimal field of the form HHMMSSt+ where HH is the number of hours, MM is the number of minutes, SS is the number of seconds, t is the number of tenths of a second, and + indicates a positive number. Displayed as a character string of the form HH:MM:SS.

**DECTIMES**

Time in units of seconds. Maintained internally as a 4-byte packed decimal field of the form 0HHMMSS+ where HH is the number of hours, MM is the number of minutes, SS is the number of seconds, and + indicates a positive number. Displayed as a character string of the form HH:MM:SS.

**EYUDA**

CPSM value. Maintained internally as an encoded binary integer. Displayed externally as a 16-character value.

**HIDCHAR**

Hidden character string. Maintained as the character data.

**HEX**

Hexadecimal value. Maintained internally as a binary value. Displayed externally as a printable hexadecimal value. The null value is blanks.

**HHMM**

Hours and Minutes. Maintained internally as an encoded binary value. Displayed externally as 4 zoned decimal digits.

**INTSTCK**

Time Interval in System/390® form. Maintained internally as a binary value. Displayed externally as a 17-digit formatted value HHHH:MM:SS.thmi.ju (where t is tenths of seconds, h is hundredths of seconds, m is milliseconds, i is ten-thousandths of seconds, j is hundred-thousandths of seconds, and u is microseconds). The value is usually the result of an arithmetic operation (such as subtraction) being applied to System/390 Store Clock values. When specified in an RTA Evaluation definition (EVALDEF object), the fractions of a second (thmi) are not required. The other data must be entered exactly as specified with leading zeros, if necessary.



**INTUSEC**

Time Interval in microseconds. Maintained internally as a binary value. Displayed externally as a 17-digit formatted value `HHHH:MM:SS.thmiju` (where *t* is tenths of seconds, *h* is hundredths of seconds, *m* is milliseconds, *i* is ten-thousandths of seconds, *j* is hundred-thousandths of seconds, and *u* is microseconds). When specified in an RTA Evaluation definition (EVALDEF object), the fractions of a second (*thmi*) are not required. The other data must be entered exactly as specified with leading zeros, if necessary.

**INTMSEC**

Time Interval in milliseconds. Maintained internally as a binary value. Displayed externally as a 15-digit formatted value `HHHH:MM:SS.thmi`. When specified in an RTA Evaluation definition (EVALDEF object), the fractions of a second (*thmi*) are not required. The other data must be entered exactly as specified with leading zeros, if necessary.

**INTSEC**

Time Interval in seconds. Maintained internally as a binary value. Displayed externally as a 10-digit formatted value `HHHH:MM:SS`. When specified in an RTA Evaluation definition (EVALDEF object), the data must be entered exactly as specified with leading zeros, if necessary.

**INT16US**

Time Interval in 16 microseconds. Maintained internally as a binary value.

For attributes which have a length of 4 bytes, this is displayed externally as a 17-digit formatted value `HH:MM:SS.thmiju` (where *t* is tenths of seconds, *h* is hundredths of seconds, *m* is milliseconds, *i* is ten-thousandths of seconds, *j* is hundred-thousandths of seconds, and *u* is microseconds). Note that the precision of the *HH* value is such that a wrap-around will occur in approximately 18 hours.

For attributes which have a length of 8 bytes, you can specify either `HH:MM:SS.thmiju`, or `HHHH:MM:SS.thmiju` in an RTA Evaluation definition (EVALDEF object).

When specified in an RTA Evaluation definition (EVALDEF object), the fractions of a second (*thmi*) are not required. The other data must be entered exactly as specified with leading zeros, if necessary.

**PERCENT**

Percentage. Maintained internally as a binary value with a single implied decimal place. Displayed externally as a zoned decimal value of the form `NNN.t`.

**PERCENT3**

Percentage. Maintained internally as a fullword binary value with three implied decimal places. Displayed externally as a zoned decimal value of the form `NNN.ttt`.

**RATE**

Consumption rate. Maintained internally as a binary value with a single implied decimal place. Displayed externally as a zoned decimal value of the form `NNN.t`. The value presented describes the resource consumption over the sample period, which is expressed in seconds. For example, a rate of 1.5 is read as 1.5 consumption units per second.

**RATE3**

Consumption rate. Maintained internally as a doubleword binary value with three implied decimal places. Displayed externally as a zoned decimal value of the form `NNN.ttt`. The value presented describes the resource consumption over the sample period, which is expressed in seconds. For example, a rate of 1.575 is read as 1.575 consumption units per second.

**RESTYPE**

Resource type. Maintained internally as a binary value. Displayed externally as zoned decimal digits.

**SCLOCK**

CICS monitoring facility (CMF) 8 byte interval store clock. Maintained internally as a binary value.

The first 4 bytes contain the time accumulated by the clock, and they are displayed externally as a formatted value, with the default format `HH:MM:SS.thmi`. In the time formats that include fractions of a second, *t* is tenths of seconds, *h* is hundredths of seconds, *m* is thousandths of

seconds, and *i* is ten-thousandths of seconds. Note that for the standard SCLOCK, the capacity of the clock is such that a wrap-around will occur in approximately 19 hours.

The last 4 bytes contain a count of the measurement periods during which the time was accumulated. The count can also be displayed externally. In the **Monitor data for local or dynamic transactions** (MLOCTRAN) views, and the MLOCTRAN resource table, the count and time components are available as separate attributes. However, in other cases, the count is displayed externally by selecting the count formatting option for the attribute.

EXEC CPSM API programs have access to the entire internal SCLOCK data value, but REXX applications only have access to the first 4 bytes containing the time.

When specified in an RTA Evaluation definition (EVALDEF object), the last 4 bytes containing the count are not available. The other data must be entered in one of the following formats, with leading zeros, if necessary:

1. HH:MM:SS
2. HH:MM:SS.thmi
3. HHHH:MM:SS.thmi

For more information about clocks see the [Clocks and time stamps](#).

## SCLOCK12

CICS monitoring facility (CMF) 12 byte interval store clock. Maintained internally as a binary value.

The first 8 bytes contain the time accumulated by the clock, and they are displayed externally as a formatted value, with the default format HHHH:MM:SS.thmiju. In the time formats that include fractions of a second, *t* is tenths of seconds, *h* is hundredths of seconds, *m* is thousandths of seconds, *i* is ten-thousandths of seconds, *j* is hundred-thousandths of seconds, and *u* is microseconds.

The last 4 bytes contain a count of the measurement periods during which the time was accumulated. The count can be displayed externally by selecting the count formatting option for the attribute.

EXEC CPSM API programs have access to the entire internal SCLOCK12 data value, but REXX applications only have access to the first 8 bytes containing the time.

When specified in an RTA Evaluation definition (EVALDEF object), the last 4 bytes containing the count are not available. The other data must be entered in one of the following formats, with leading zeros, if necessary:

1. HH:MM:SS
2. HH:MM:SS.thmi
3. HHHH:MM:SS.thmi
4. HHHH:MM:SS
5. HHHH:MM:SS.thmiju

For more information about clocks, see [Clocks and time stamps](#).

## SUM

Sum of values. Maintained internally as a binary value with a single implied decimal place. Displayed externally as a zoned decimal value of the form NNN.t.

## SUM3

Sum of values. Maintained internally as a doubleword binary value with three implied decimal places. Displayed externally as a zoned decimal value of the form NNN.ttt.

## TIMESTP

System/390 Timestamp. Maintained internally as a System/390 Store Clock value. Displayed externally as a 13-digit formatted value HH:MM:SS.thmi. When specified in an RTA Evaluation definition (EVALDEF object) the fractions of a second (thmi) are not required. The other data must be entered exactly as specified with leading zeros, if necessary.

## Source

How the attribute value was acquired. The valid source keywords are:

Keyword	Description
---------	-------------

<b>CPSM</b>	Using CICSplex SM services
<b>INQ</b>	From CICS SPI Inquire
<b>STAT</b>	From CICS SPI Statistics
<b>CMF</b>	From CICS Monitor Performance class record

**Note:** Attributes sourced from CICS statistics are likely to be reset periodically, either as a result of a scheduled statistics reset, or one that is manually requested. When the reset happens, attribute values that are related to count values, or time interval accumulations, are reset to zero.

## CICS Source

Identifies the CICS object which provides this attributes information. When the Source is INQ this is the name of the CICS Resource, and when the Source is STAT this identifies the CICS Statistics DSECT.

## CICS Entry

Identifies the name of the attribute within the CICS Resource or DSECT which maps to this CICSplex SM attribute.

## Len

The internal length of the value for the attribute. All length values identify the number of bytes occupied by the attribute value, regardless of the datatype.

## Req

Whether the attribute is required when constructing an instance of a CPSM Definition. This column is only shown for the CPSM Definition object type.

A value of YES indicates that an attribute value must be provided when using the Batch Utility or the API **CREATE** or **UPDATE** commands to create object instances.

A value of n/a appears for the CREATETIME and CHANGETIME attributes only. This is because these attributes are required for the construction of a CPSM definition but are maintained internally by CICSplex SM. You should not attempt to change their value in any way.

## Sum

Identifies the default summary option that will be used if an API **GROUP** command is issued. The summary option may be changed by specifying a summary expression on the SUMOPT option of the GROUP command. The following summary options can be specified on the GROUP command:

Keyword	Description
---------	-------------

<b>AVG</b>	Average of values
<b>DIF</b>	Different character pattern
<b>LIKE</b>	Like values
<b>MIN</b>	Minimum value
<b>MAX</b>	Maximum value

**SUM**

Sum of values

CICSplex SM notifications and the OBJSTAT resource table do not participate in summary operations. See [Developing CICSplex SM applications](#) for more information about the OBJSTAT resource table.

**Set**

Whether the attribute may be modified using the API **SET** command. A value of YES indicates modification is allowed. This column is only shown for CICS or Monitored CICS resources.

**Description**

1 to 30 characters of text that describes the attribute.

**Get/Set Invalid**

For CICS resource and CICS monitored objects, identifies releases of CICS that do not support either the attribute itself (if the heading is Get), or modification of the attribute (if the heading is Set). The CICS release values are shown as follows:

**E640**

CICS TS for z/OS, Version 3.1

**E650**

CICS TS for z/OS, Version 3.2

**E660**

CICS TS for z/OS, Version 4.1

**E670**

CICS TS for z/OS, Version 4.2

**E680**

CICS TS for z/OS, Version 5.1

In addition, you might also see the release followed by PLUS; that is, E620PLUS, E630PLUS, E640PLUS, E650PLUS, E660PLUS, E670PLUS, or E680PLUS. This syntax means that the field is not valid for the specified release and all later releases.

**Default**

For CPSM Definition objects, the default value assumed for the attribute. If the attribute is required, an explicit value must be provided.

**Value Range**

For CPSM Definition objects, identifies the range of valid values that are accepted when an object of this type is created or updated.

**Attr ID**

The number of the attribute in the table. This is the "relative ID" used in processing ASYNCREQ and FEEDBACK data.

**Valid Values**

For attributes with a data type of EYUDA, CVDA, or CVDT, identifies the valid values for the attribute. Up to three different sets of values may be shown:

**Input Valid Values**

Values that can be specified in API actions or with the batched repository-update facility.

**Output Valid Values**

Values that can be tested in an Evaluation definition (EVALDEF object) or that may be visible when an instance of the object is fetched.

**Input/Output Valid Values**

Values that are valid in both cases.

**Note:** For attributes with a datatype of CHAR, the value shown may be a valid value in a value range (as opposed to a character string).

## Chapter 3. BINCONRS, BINCONSC, and BINSTERR error codes

The BINCONRS, BINCONSC, and BINSTERR copy books contain error codes.

See [Retrieving feedback records](#) for information on interpreting feedback error result sets containing these error codes.

### BINCONRS

The BINCONRS copy book contains a number of error codes.

Table 8. BINCONRS error codes–ERROP field		
Value	Code	Reason
01	ADDSYS	Add System to System Group
02	ADDTGRP	Add Definition to Group
03	UPDINGRP	Update Definition in Group
04	ADDRASI	Add RASINDSC
05	ADDRESI	Add RESINDSC
06	UPDRASG	Update RASGNDEF
07	UPDRASI	Update RASINDSC
08	UPDRESI	Update RESDESC Install Scope
09	UPDRDSC	Update RESDESC

### BINCONSC

The BINCONSC copy book contains a number of error codes.

Table 9. BINCONSC error codes–ERROP field		
Value	Code	Reason
01	ADDRASI	Add RASINDSC
02	UPDRASG	Update RASGNDEF
03	UPDRASI	Update RASINDSC
04	UPDRDSC	Update RESDESC
05	ADDSYS	Add System to Group

Table 10. BINCONSC error codes–ERRCODE field		
Value	Code	Reason
01	SAMESCP	Target/Related scopes are same
02	TRGINREL	Target Scope is in Related
03	RELINTRG	Related Scope is in Target
04	SYSNBOTH	CICSNAME in Target and Related

<i>Table 10. BINCONSC error codes–ERRCODE field (continued)</i>		
<b>Value</b>	<b>Code</b>	<b>Reason</b>
05	MULTREL	Multiple Systems in Related
06	RELNOSYS	Related System has no SYSID

## BINSTERR

The BINSTERR copy book contains a number of error codes.

<i>Table 11. BINSTERR error codes–ERRCODE field</i>		
<b>Value</b>	<b>Code</b>	<b>Reason</b>
01	SYSSTATE	System inactive/not create capable
02	INSTNAUT	Install not authorized
03	DSCDNAUT	Discard not authorized
04	INSTFAIL	Install failure
05	DSCDFAIL	Install discard failure
06	INSTCPFL	Install Complete failure
07	INSTNCON	Install Connection failure
08	INSTSTAT	Install status failure
09	INSTNSUP	Install not supported
10	FORCENO	Resource Install negated
11	DSCRDERR	Discard failure
12	METHFAIL	MAS method failure
13	NOCREATE	System not create capable

## Chapter 4. ACTION Resource Table

A CPSM Real Time Analysis Definition that describes the external notifications to be generated when an installed RTADEF or STATDEF enters the TRUE state.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSRTAAActionDefinition

**Object type**

CICSplex SM Definition

**Length**

296

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2812

**Security Class**

ANALYSIS.DEF

Table 12. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

Table 13. ACTION FEEDBACK error codes		
Value	Code	Description
1	ACTION_INV_DATA	Attribute data invalid
2	ACTION_REC_NOT_FOUND	Requested resource not found
4	ACTION_REC_EXISTS	Resource already exists
5	ACTION_REC_CHANGED	Resource definition already changed
6	ACTION_INV_RESTYPE	Invalid resource type
7	ACTION_INV_VER	Invalid resource version

Table 13. ACTION FEEDBACK error codes (continued)

Value	Code	Description
8	ACTION_NETVIEW_NOT_FOUND	Netview CMAS not found

Table 14. ACTION resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Action			36
ALERTMSGEND	CHAR	CPSM	30	No	DIFF	Message text when alert is cleared			255
ALERTMSGSTRT	CHAR	CPSM	30	No	DIFF	Message text when alert is raised			225
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> </ul>								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification userid			24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DESC	CHAR	CPSM	58	No	DIFF	Description			77
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	288
EVENTMSG	CHAR	CPSM	30	No	DIFF	Message to send when event occurs			135
EXTMSGEND	CHAR	CPSM	30	No	DIFF	External message sent when event is cleared			195
EXTMSGSTRT	CHAR	CPSM	30	No	DIFF	External message sent when event occurs			165
GENALERT	EYUDA	CPSM	4	Yes	LIKE	Generate SNA generic alert			68
GENALERT Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>								
GENEVENT	EYUDA	CPSM	4	Yes	LIKE	Generate event			60
GENEVENT Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>								
GENEXTMSG	EYUDA	CPSM	4	Yes	LIKE	Generate external message			64
GENEXTMSG Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>								
NETVIEW	CHAR	CPSM	8	No	DIFF	CMAS to which NetView attached			52
PRIORITY	BINARY	CPSM	1	No	AVG	Action priority	1	1-255	76
RESTARTMAS	EYUDA	CPSM	4	Yes	LIKE	MVS automatic restart	NO		72
RESTARTMAS Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>								
VIEW	CHAR	CPSM	8	No	DIFF	User data area			44



## Chapter 5. AIMODEL Resource Table

A CICS Resource that describes an autoinstall terminal model.

The **Primary** key field for this resource class is MODEL.

The following action is supported:

### DISCARD

Discard the autoinstall terminal model.

The DISCARD action requires no unique parameter data.

### External resource name(CMCI)

CICSAutoInstallModel

### Object type

CICS Resource

### Length

24

### Usage

API, WUI, CICS Management Client Interface(CMCI)

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0054

### Security Class

OPERATE.AIMODEL

Table 15. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 16. AIMODEL resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>MODEL-1</b>	CHAR	INQ			8	DIFF	Model name	16



# Chapter 6. APACTV Resource Table

A CPSM Real Time Analysis Manager object that describes instances of RTADEFs installed under an active analysis specification.

The **Primary** key field for this resource class is APSPEC.

The **Secondary** key field for this resource class is CMAS.

The **Tertiary** key field for this resource class is DEFNAME.

The **Fourth** key field for this resource class is SCOPE.

The **Fifth** key field for this resource class is ACTIVETIME.

The following actions are supported:

**DISCARD**

Unconditionally remove the installed definition.

**DEACTIVATE**

Remove the installed definition honoring a PERIODEF.

These actions require no unique parameter data.

**External resource name(CMCI)**

CICSActiveAnalysisPoint

**Object type**

CICSplex SM Manager

**Length**

80

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2528

**Security Class**

ANALYSIS.DEF

Table 17. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	DEACTIVATE	None	N/A
	REACTIVATE	None	N/A

Table 18. APACTV FEEDBACK error codes

Value	Code	Description
1	APACTV_INV_DATA	Attribute data invalid
21	APACTV_DEACT_NOT_ALLOWED	Deactivate not allowed
22	APACTV_NOT_FOUND	Not found
23	APACTV_SCOPE_NOT_FOUND	Scope not found
24	APACTV_SPEC_NOT_ACTIVE	Specification not active
25	APACTV_NOT_SPECIFIED	Not specified
26	APACTV_REACT_NOT_ALLOWED	Reactivate not allowed

Table 19. APACTV resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
APSPEC-1	CHAR	CPSM	8	DIFF	Analysis point specification	16
CMAS-2	CHAR	CPSM	8	DIFF	CMAS	24
DEFNAME-3	CHAR	CPSM	8	DIFF	Analysis definition	36
SCOPE-4	CHAR	CPSM	8	DIFF	Analysis scope	44
ACTIVETIME-5	CHAR	CPSM	8	DIFF	Period definition	52
ACTION	CHAR	CPSM	8	DIFF	Associated action	60
CMATYPE	EYUDA	CPSM	4	LIKE	CMAS type	32
CMATYPE Output valid values	<ul style="list-style-type: none"> <li>PRIMARY</li> <li>SECONDARY</li> </ul>					
RATE	BINARY	CPSM	4	AVG	Interval between analysis activations (seconds)	68
STATUS	EYUDA	CPSM	4	LIKE	Definition status	72
STATUS Output valid values	<ul style="list-style-type: none"> <li>ACTIVE</li> <li>PENDING</li> </ul>					

---

# Chapter 7. APPLCTN Resource Table

An instance of an application that is running in a platform.

The **Primary** key field for this resource class is APPLDEF.

The **Secondary** key field for this resource class is MAJORVERSION.

The **Tertiary** key field for this resource class is MINORVERSION.

The **Fourth** key field for this resource class is MICROVERSION.

The **Fifth** key field for this resource class is PLATDEF.

The following actions are supported:

**AVAILABLE**

Make the application available to callers through its application entry points.

**ENABLE**

Enable an application.

**DISABLE**

Disable an application.

**DISCARD**

Remove an application from the platform.

**GET**

Retrieve information about an application.

**UNAVAILABLE**

Make the application unavailable to callers through its application entry points.

**External resource name(CMCI)**

CICSApplication

**Object type**

CICSplex SM Manager

**Length**

912

**Usage**

API, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3522

**Security Class**

CLOUD.APPLICATION

Table 20. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	ENABLE	None	N/A
	DISABLE	None	N/A
	AVAILABLE	None	N/A
	UNAVAILABLE	None	N/A

Table 21. APPLCTN FEEDBACK error codes		
Value	Code	Description
1	APPLCTN_REC_NOT_FOUND	Application not found
2	APPLCTN_DISABLED_SOME_BUNDLES	CICS bundles were not disabled in some regions
3	APPLCTN_DISCARDED_SOME_BUNDLES	CICS bundles were not discarded in some regions
4	APPLCTN_DISCARDED_NO_BUNDLES	CICS bundles were not discarded in any regions
5	APPLCTN_ENABLED_SOME_BUNDLES	CICS bundles were not enabled in some regions
6	APPLCTN_ENABLED_NO_BUNDLES	CICS bundles were not enabled in any regions
7	APPLCTN_DISABLED_NO_BUNDLES	CICS bundles were not disabled in any regions
8	APPLCTN_STATUS_CHANGING	The application status is changing due to another action or event.
9	APPLCTN_NOT_DISABLED	The application is not in a DISABLED state
10	APPLCTN_BUSY	Application is busy for another action
11	APPLCTN_AVAILABLE_NO_BUNDLES	CICS bundles were not made available in any regions
12	APPLCTN_AVAILABLE_SOME_BUNDLES	CICS bundles were not made available in some regions
13	APPLCTN_UNAVAIL_NO_BUNDLES	CICS bundles were not made unavailable in any regions
14	APPLCTN_UNAVAIL_SOME_BUNDLES	CICS bundles were not made unavailable in some regions
15	APPLCTN_NOT_UNAVAILABLE	The application is still available
16	APPLCTN_NOT_ENABLED	The application is not in an ENABLED state

Table 22. APPLCTN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Default	Value Range	Offset
APPLDEF-1	CHAR	CPSM	8	DIFF	Application definition			36
MAJORVERSION-2	BINARY	CPSM	4	MAX	Major version			108
MINORVERSION-3	BINARY	CPSM	4	MAX	Minor version			112
MICROVERSION-4	BINARY	CPSM	4	MAX	Micro version			116
PLATDEF-5	CHAR	CPSM	8	DIFF	Platform definition			120
APPLDIR	CHAR	CPSM	255	DIFF	Name of the application directory on zFS			128
APPLICATION	CHAR	CPSM	64	DIFF	Application			44
AVAILSTATUS	EYUDA	CPSM	4	LIKE	Availability status			904
AVAILSTATUS Output valid values	<ul style="list-style-type: none"> <li>• AVAILABLE</li> <li>• UNAVAILABLE</li> <li>• SOMEAVAIL</li> <li>• NONE</li> </ul>							
BINDDIR	CHAR	CPSM	255	DIFF	Name of the binding directory on zFS			648
CHANGEAGENT	CVDAS	CPSM	4	LIKE	Last modification agent			8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• DREPAPI</li> </ul>							
CHANGEAGREL	CHAR	CPSM	4	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	DIFF	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	MAX	Time created			16
DESCCODEPAGE	BINARY	CPSM	4	MAX	Description code page	37	0-99999999	640
DESCRIPTION	CHAR	CPSM	255	DIFF	Description of this application			383
ENABLESTATUS	EYUDA	CPSM	4	LIKE	Enable status			644
ENABLESTATUS Output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> <li>• INCOMPLETE</li> <li>• ENABLING</li> <li>• DISABLING</li> <li>• EMPTY</li> <li>• SOMEDISABLED</li> <li>• INSTALLING</li> <li>• DISCARDING</li> <li>• FAILED</li> </ul>							





# Chapter 8. APPLDEF Resource Table

This CICS resource object provides the structure and contents of an APPLCTN resource.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is MAJORVERSION.

The **Tertiary** key field for this resource class is MINORVERSION.

The **Fourth** key field for this resource class is MICROVERSION.

The **Fifth** key field for this resource class is PLATDEF.

The following actions are supported:

**INSTALL**

Deploy an APPLDEF resource into the CICSplex.

**External resource name(CMCI)**

CICSApplicationDefinition

**Object type**

CICSplex SM Definition

**Length**

640

**Usage**

API, Batch Utility, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3524

**Security Class**

CLOUD.DEF

Table 23. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	INSTALL	None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

Table 24. APPLDEF FEEDBACK error codes

Value	Code	Description
1	APPLDEF_APPLCTN_INSTALLED	Application is already installed
2	APPLDEF_RESTYPE_INVALID	Invalid resource type
3	APPLDEF_REC_NOT_FOUND	Application definition not found
4	APPLDEF_DATA_INVALID	Attribute data invalid
5	APPLDEF_CONTEXT_INVALID	CICSplex not found
6	APPLDEF_RECORD_INVALID	Invalid record
7	APPLDEF_INV_ACTION	Invalid action
8	APPLDEF_APPLDEF_INVALID	Invalid application definition name
9	APPLDEF_INSTALLED_SOME_BUNDLES	CICS bundles were not installed in some regions
10	APPLDEF_INSTALLED_NO_BUNDLES	CICS bundles were not installed in any regions
11	APPLDEF_BUNDLE_FILE_NOT_AUTH	User ID not authorized to access zFS file
12	APPLDEF_NOT_FOUND_BUNDLE_FILE	Application or binding bundle file not found
13	APPLDEF_XML_IN_BUNDLE_INVALID	Invalid XML in Application or binding bundle
14	APPLDEF_PLATFORM_NOT_FOUND	Target platform not found
15	APPLDEF_INV_RESTYPE	Invalid resource type
16	APPLDEF_PLATDEF_INVALID	Invalid platform definition name
17	APPLDEF_MAJORVERSION_INVALID	Invalid major version
18	APPLDEF_MINORVERSION_INVALID	Invalid minor version
19	APPLDEF_MICROVERSION_INVALID	Invalid micro version
20	APPLDEF_VERSION_MISMATCH	APPLDEF and application versions differ
21	APPLDEF_REC_EXISTS	Application definition already exists
22	APPLDEF_RGNTYPE_NOT_FOUND	A region type in the binding could not be found
23	APPLDEF_REC_CHANGED	Resource definition already changed
24	APPLDEF_INSTALL_FAILED	APPLDEF install failed
25	APPLDEF_APPLCTN_BUSY	Application is busy for another action

Table 25. APPLDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	No	Application definition			36
MAJORVERSION-2	BINARY	CPSM	4	Yes	MAX	No	Application Major Version			372
MINORVERSION-3	BINARY	CPSM	4	Yes	MAX	No	Application Minor Version			376
MICROVERSION-4	BINARY	CPSM	4	Yes	MAX	No	Application Micro Version			380

Table 25. APPLDEF resource table attributes (continued)

Name	Datatype	Source	Length	Req	Sum	Set	Description	Default	Value Range	Offset
PLATDEF-5	CHAR	CPSM	8	Yes	DIFF	No	Platform definition			108
APPLDIR	CHAR	CPSM	255	Yes	DIFF	No	Application directory on the zFS			116
BINDDIR	CHAR	CPSM	255	Yes	DIFF	Yes	Binding bundle directory on the zFS			384
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			8
CHANGEAGENT Input/ output valid values	• DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			16
DESCCODEPAGE	BINARY	CPSM	4	No	MAX	No	Description code page	37	0-99999999	104
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Yes	Description			44



## Chapter 9. APSPEC Resource Table

A CPSM Real Time Analysis Definition that describes an analysis specification.

The **Primary** key field for this resource class is NAME.

**External resource name(CMCI)**

CICSActiveAnalysisPointSpecification

**Object type**

CICSplex SM Definition

**Length**

112

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3515

**Security Class**

ANALYSIS.DEF

Table 26. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDPCMAS	CMASNAME(value)	Yes
	ADDSCMAS	CMASNAME(value)	Yes

Table 27. APSPEC FEEDBACK error codes		
Value	Code	Description
1	APSPEC_INV_DATA	Attribute data invalid
2	APSPEC_REC_NOT_FOUND	Requested resource not found
3	APSPEC_INV_REFERENCE	Does not exist
4	APSPEC_REC_EXISTS	Resource already exists
5	APSPEC_REC_CHANGED	Attempt to update changed definition

Table 27. APSPEC FEEDBACK error codes (continued)

Value	Code	Description
6	APSPEC_INV_RESTYPE	Invalid resource type
7	APSPEC_INV_VER	Invalid resource version
21	APSPEC_CMAS_NOT_UNIQUE	Not unique
22	APSPEC_DUP_ASSOCIATIO	Duplicate association

Table 28. APSPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	RTA analysis point specification			36
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/ output valid values	• DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DESC	CHAR	CPSM	58	No	DIFF	Description			44
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	104

# Chapter 10. ASYNCREQ Resource Table

A CPSM Notification that describes the completion of an API command that was scheduled to run asynchronously with the NOWAIT option.

There is no key field for this resource class.

There are no object specific actions for this resource class.

**Object type**

CICSplex SM Metadata

**Length**

192

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2584

Table 29. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 30. ASYNCREQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
ATTRDATAVAL	CHAR	CPSM	1	LIKE	Attribute data available	9
ATTRDATAVAL Input/output valid values	<ul style="list-style-type: none"><li>Y (YES) - Attribute Ids valid</li><li>N (NO) - No Attribute Id data</li></ul>					
ATTR_DTYP1	BINARY	CPSM	1	LIKE	Attribute 1 datatype	70

Table 30. ASYNCREQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
ATTR_DTYP1 Input/output valid values	<ul style="list-style-type: none"> <li>• 0 (COMP) - Component Identifier</li> <li>• 4 (BIN) - Binary Numeric</li> <li>• 8 (RATE) - Binary Derived Rate</li> <li>• 12 (PER) - Binary Derived Percent</li> <li>• 16 (SUM) - Binary Derived Sum</li> <li>• 20 (RATO) - Binary Derived Ratio</li> <li>• 24 (AVG) - Binary Derived Average</li> <li>• 28 (TSTP) - System/390 Timestamp</li> <li>• 32 (BIT) - Bit</li> <li>• 36 (TEXT) - Text Unknown Length</li> <li>• 40 (CHAR) - Character</li> <li>• 44 (EYUD) - EYUDA</li> <li>• 48 (CVDS) - CVDA Standard</li> <li>• 52 (CVDT) - CVDA Terminal</li> <li>• 56 (REST) - Resource Type</li> <li>• 60 (PACK) - Packed Decimal</li> <li>• 64 (DATE) - Date</li> <li>• 68 (ILBL) - Internal Label Field</li> <li>• 72 (HHMM) - Binary HHMM</li> <li>• 76 (SCLK) - Interval Store Clock</li> <li>• 80 (IUSC) - Interval Microseconds</li> <li>• 84 (IMSC) - Interval Milliseconds</li> <li>• 88 (16US) - Interval 16 Microseconds</li> <li>• 92 (ISEC) - Interval Seconds</li> <li>• 96 (IUSS) - Interval Store Clock Delta</li> <li>• 100 (DTGP) - Date Time Group</li> <li>• 104 (DECT) - Packed Decimal Timestamp</li> <li>• 108 (ADDR) - Address</li> <li>• 112 (CNUM) - Coded Numeric</li> <li>• 116 (HCHR) - Non Display Character</li> <li>• 120 (HEX) - Hexadecimal</li> <li>• 124 (TBLV) - Table version</li> <li>• 128 (RAT3) - Binary derived rate 3DP</li> <li>• 132 (PER3) - Binary derived percent 3DP</li> <li>• 136 (SUM3) - Binary derived sum 3DP</li> <li>• 140 (AVG3) - Binary derived average 3DP</li> <li>• 144 (DECS) - Packed Decimal Time - No Tenths</li> <li>• 152 (SC12) - Interval Store Clock Length 12</li> </ul>					
ATTR_DTYP2	BINARY	CPSM	1	LIKE	Attribute 2 datatype	88
ATTR_DTYP3	BINARY	CPSM	1	LIKE	Attribute 3 datatype	106
ATTR_DTYP4	BINARY	CPSM	1	LIKE	Attribute 4 datatype	124
ATTR_DTYP5	BINARY	CPSM	1	LIKE	Attribute 5 datatype	142
ATTR_LEN1	BINARY	CPSM	2	LIKE	Attribute 1 length	72
ATTR_LEN2	BINARY	CPSM	2	LIKE	Attribute 2 length	90
ATTR_LEN3	BINARY	CPSM	2	LIKE	Attribute 3 length	108
ATTR_LEN4	BINARY	CPSM	2	LIKE	Attribute 4 length	126
ATTR_LEN5	BINARY	CPSM	2	LIKE	Attribute 5 length	144
ATTR_NM1	CHAR	CPSM	12	LIKE	Attribute 1 name	56
ATTR_NM2	CHAR	CPSM	12	LIKE	Attribute 2 name	74
ATTR_NM3	CHAR	CPSM	12	LIKE	Attribute 3 name	92



Table 30. ASYNCREQ resource table attributes (continued)						
Name	Datatype	Source	Len	Sum	Description	Offset
ATTR_NM4	CHAR	CPSM	12	LIKE	Attribute 4 name	110
ATTR_NM5	CHAR	CPSM	12	LIKE	Attribute 5 name	128
ATTR_OFF1	BINARY	CPSM	2	LIKE	Attribute 1 offset	68
ATTR_OFF2	BINARY	CPSM	2	LIKE	Attribute 2 offset	86
ATTR_OFF3	BINARY	CPSM	2	LIKE	Attribute 3 offset	104
ATTR_OFF4	BINARY	CPSM	2	LIKE	Attribute 4 offset	122
ATTR_OFF5	BINARY	CPSM	2	LIKE	Attribute 5 offset	140
ATTR_RID1	BINARY	CPSM	1	LIKE	Attribute 1 relative ID	71
ATTR_RID2	BINARY	CPSM	1	LIKE	Attribute 2 relative ID	89
ATTR_RID3	BINARY	CPSM	1	LIKE	Attribute 3 relative ID	107
ATTR_RID4	BINARY	CPSM	1	LIKE	Attribute 4 relative ID	125
ATTR_RID5	BINARY	CPSM	1	LIKE	Attribute 5 relative ID	143
CEIBDATAVAL	CHAR	CPSM	1	LIKE	EIB data available	10
CEIBDATAVAL Input/output valid values	<ul style="list-style-type: none"> <li>• Y (YES) - EIB data valid</li> <li>• N (NO) - No EIB data</li> </ul>					
CEIBFN	HEX	CPSM	4	MIN	EIBFN value from CICS	32
CEIBRESP	BINARY	CPSM	4	LIKE	RESP response from CICS	24
CEIBRESP1	BINARY	CPSM	4	LIKE	RESP2 response from CICS	28
COMMAND	BINARY	CPSM	1	LIKE	Command code	8

Table 30. ASYNCREQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
COMMAND Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (NOOP) - NOOP</li> <li>• 2 (CANCEL) - Cancel</li> <li>• 3 (CONNECT) - Connect</li> <li>• 4 (COPY) - Copy</li> <li>• 5 (CREATE) - Create</li> <li>• 6 (DELETE) - Delete</li> <li>• 7 (DISCARD) - Discard</li> <li>• 8 (DISCONN) - Disconnect</li> <li>• 9 (FETCH) - Fetch</li> <li>• 10 (GET) - Get</li> <li>• 11 (LOCATE) - Locate</li> <li>• 12 (MARK) - Mark</li> <li>• 13 (ORDER) - Order by</li> <li>• 14 (PERFSET) - Perform Set</li> <li>• 15 (PERFOBJ) - Perform Object</li> <li>• 16 (QUALIFY) - Qualify</li> <li>• 17 (QUERY) - Query</li> <li>• 18 (RECEIVE) - Receive</li> <li>• 19 (REMOVE) - Remove</li> <li>• 20 (FILTER) - Specify Filter</li> <li>• 21 (UNMARK) - Unmark</li> <li>• 22 (ADDRESS) - Address</li> <li>• 23 (GETDEF) - Getdef</li> <li>• 24 (LISTEN) - Listen</li> <li>• 25 (REFRESH) - Refresh</li> <li>• 26 (SET) - Set</li> <li>• 27 (VIEW) - Specify View</li> <li>• 28 (TERM) - Terminate</li> <li>• 29 (TRANS) - Translate</li> <li>• 30 (GROUP) - Group by</li> <li>• 31 (UPDATE) - Update</li> </ul>					
COUNT	BINARY	CPSM	4	LIKE	GET COUNT() value	184
CSDAPI	CHAR	CPSM	1	LIKE	CSD API	188
CSDAPI Input/output valid values	<ul style="list-style-type: none"> <li>• Y (YES) - CSD API related request</li> <li>• N (NO) - non-CSD API related request</li> </ul>					
DIAGNOSTIC	BINARY	CPSM	32	LIKE	Internal diagnostic data	152
ERRCODEVAL	CHAR	CPSM	1	LIKE	Error code available	11
ERRCODEVAL Input/output valid values	<ul style="list-style-type: none"> <li>• Y (YES) - Error Code valid</li> <li>• N (NO) - No Error Code Data</li> </ul>					
ERROR_CODE	BINARY	CPSM	4	LIKE	Error code	20
OBJECT	CHAR	CPSM	8	LIKE	Name of object	36
OBJECT_ACT	CHAR	CPSM	12	LIKE	Action performed	44
REASON	BINARY	CPSM	4	LIKE	Command reason	16
RESPONSE	BINARY	CPSM	4	LIKE	Command response	12
RESULTSET	BINARY	CPSM	4	LIKE	Result set token	0
RSLTRECID	BINARY	CPSM	4	LIKE	Result set record ID	148
RSRVED01	BINARY	CPSM	2	LIKE	Reserved area	146
USERTOKEN	CHAR	CPSM	4	LIKE	User token	4

## Chapter 11. ATMINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of an Atom service, feed, collection, or category document definition (ATOMDEF) in a resource group (RESGROUP). An ATOMDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is ATOMGROUP.

The **Secondary** key field for this resource class is ATMNAME.

The **Tertiary** key field for this resource class is ATMVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6183

### Security Class

BAS.DEF

Table 31. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 32. ATMINGRP FEEDBACK error codes		
Value	Code	Description
1	ATMINGRP_INV_DATA	Attribute data invalid
2	ATMINGRP_REC_NOT_FOUND	Requested resource not found
4	ATMINGRP_REC_EXISTS	Resource already exists
6	ATMINGRP_INV_RESTYPE	Invalid resource type
7	ATMINGRP_INV_VER	Invalid resource version
11	ATMINGRP_NON_MP	Maintenance point CMAS not available

Table 32. ATMINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	ATMINGRP_INV_CONTEXT	Context not found
21	ATMINGRP_INCONSISTENT_SET	Inconsistent set
22	ATMINGRP_DIFF_VERSION	Different version
23	ATMINGRP_INV_NAME	Invalid name
24	ATMINGRP_INV_MINNAME	Invalid minor name

Table 33. ATMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
ATMGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
ATMNAME-2	CHAR	CPSM	8	Yes	DIFF	AtomService definition name	44
ATMVER-3	BINARY	CPSM	1	Yes	AVG	AtomService definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 12. ATOMDEF Resource Table

A CICS Definition that describes an Atom service, feed, collection, or category document served by CICS.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**DISCARD**

Discard an Atom service, feed, collection, or category document definition.

**INSTALL**

Install an Atom service, feed, collection, or category document definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionAtomService

**Object type**

CICS Definition

**Length**

680

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3838

**CICS Commands subject to CICS Security**

INQUIRE ATOMSERVICE

Table 34. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No

Table 34. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 35. ATOMDEF FEEDBACK error codes		
Value	Code	Description
1	ATOMDEF_INV_DATA	Attribute data invalid
2	ATOMDEF_REC_NOT_FOUND	Requested resource not found
4	ATOMDEF_REC_EXISTS	Resource already exists
5	ATOMDEF_REC_CHANGED	Resource definition already changed
6	ATOMDEF_INV_RESTYPE	Invalid resource type
7	ATOMDEF_INV_VER	Invalid resource version
11	ATOMDEF_NON_MP	Maintenance point CMAS not available
12	ATOMDEF_INV_CONTEXT	Context not found
13	ATOMDEF_INCONSISTENT_SET	Inconsistent set condition
14	ATOMDEF_INV_RESGROUP	Resource group not found
21	ATOMDEF_INV_ACTION	Invalid action
22	ATOMDEF_INV_RECADDR	Invalid record address
23	ATOMDEF_INV_RECLEN	Invalid record length
24	ATOMDEF_DIFF_VERSION	Different version
25	ATOMDEF_EARLY_NAMELIST_END	Early name list end
26	ATOMDEF_INV_NAMELIST	Invalid name list
27	ATOMDEF_INV_NAME	Invalid name
28	ATOMDEF_INV_MINNAME	Invalid minor name

Table 35. ATOMDEF FEEDBACK error codes (continued)

Value	Code	Description
29	ATOMDEF_NOTIFY	Notify
30	ATOMDEF_PARTIAL_INSTALL	Partial install
31	ATOMDEF_NOTHING_INSTALLED	Nothing installed
32	ATOMDEF_NO_TARGETS	No targets
33	ATOMDEF_NO_RELATED	No related systems
34	ATOMDEF_INV_TSCOPE	Invalid target scope
35	ATOMDEF_INV_RSCOPE	Invalid related scope
36	ATOMDEF_INV_USAGE	Invalid usage
37	ATOMDEF_INV_MODE	Invalid mode
38	ATOMDEF_INV_STATECHK	Invalid state check
39	ATOMDEF_INV_FORCEINS	Invalid force install
40	ATOMDEF_INV_NOTIFY	Invalid notify
41	ATOMDEF_INV_OVERTYPE	Invalid over type
42	ATOMDEF_INV_OVRBLOCK	Invalid override block
43	ATOMDEF_INV_ORSTRING	Invalid override string
44	ATOMDEF_INV_STRNGTERM	Invalid string term
45	ATOMDEF_INV_EMBEDTERM	Invalid embedded terminator
46	ATOMDEF_INV_ATTRIBUTE	Invalid attribute
47	ATOMDEF_INV_LITERAL	Invalid literal
48	ATOMDEF_INV_ORSTGNA	Invalid override string
49	ATOMDEF_SCOPE_REQUIRED	Scope required
50	ATOMDEF_USAGE_CONFLICT	Usage conflict
51	ATOMDEF_NODEFS_SELECTED	No definitions selected
52	ATOMDEF_MORE_THAN_1_RELSYS	More than one related system
53	ATOMDEF_MISSING_RELSYSID	Missing related system identifier
54	ATOMDEF_SCOPE_CONFLICT	Scope conflict
56	ATOMDEF_BAD_BINDCONFLICT	Bindfile option conflicts with Atomtype option.
57	ATOMDEF_BAD_BINDSETCONFLICT	Bindfile should not be set with this Atomtype option.
58	ATOMDEF_BAD_RTYPECONFLICT	Resourcetype option conflicts with Atomtype option.
59	ATOMDEF_BAD_RTYPESETCONFLICT	Resourcetype should not be with this Atomtype option.
60	ATOMDEF_BAD_RNAMECONFLICT	Resourcename option conflicts with Atomtype option.
61	ATOMDEF_BAD_RNAMESETCONFLICT	Resourcename should not be set with this Atomtype option.

Table 35. ATOMDEF FEEDBACK error codes (continued)

Value	Code	Description
62	ATOMDEF_INVALID_CONFIGFILE	Configfile invalid.
63	ATOMDEF_INV_CSDGROUP	Invalid CSD group
64	ATOMDEF_REC_NOT_REMOVED	Record not removed
65	ATOMDEF_INV_RESOURCE	Invalid resource
66	ATOMDEF_INV_CICS_RESTYPE	Invalid CICS restype
67	ATOMDEF_PARTIAL_ACTION	Partial action
68	ATOMDEF_NOTHING_ACTIONED	Nothing actioned
69	ATOMDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
70	ATOMDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
71	ATOMDEF_BAD_RESNAMELEN	Resourcenam is too long for the Resourcetype specified.
72	ATOMDEF_CSD_ERROR	CSD access error

Table 36. ATOMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				37
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		36
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	672
ATOMTYPE	CVDAS	CPSM	4	Yes	MIN	Atomtype	FEED			52
ATOMTYPE Input/output valid values	<ul style="list-style-type: none"> <li>FEED</li> <li>SERVICE</li> <li>COLLECTION</li> <li>CATEGORY</li> </ul>									
BINDFILE	CHAR	CPSM	255	No	DIFF	Bind file name				76
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> <li>CSDAPI</li> <li>CSDBATCH</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	24
CONFIGFILE	CHAR	CPSM	255	Yes	DIFF	Configuration file name				331
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				16
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		668
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				610
RESOURCENAME	CHAR	CPSM	16	No	DIFF	Resource name				60



Table 36. ATOMDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
RESOURCETYPE	CVDAS	CPSM	4	Yes	LIKE	Resource type	NOTAPPLIC			56
RESOURCETYPE Input/output valid values	<ul style="list-style-type: none"> <li>• FILE</li> <li>• PROGRAM</li> <li>• TSQUEUE</li> <li>• NOTAPPLIC</li> </ul>									
STATUS	CVDAS	CPSM	4	Yes	LIKE	Enabled status	ENABLED			48
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				586
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				594
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				602



# Chapter 13. ATOMSERV Resource Table

A CICS Resource that provides information about Atom service, feed, collection, or category document definitions.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**DISABLE**

Disable program access to the Atom service, feed, collection, or category document definition.

**ENABLE**

Enable program access to the Atom service, feed, collection, or category document definition.

**External resource name(CMCI)**

CICSAtomService

**Object type**

CICS Resource

**Length**

696

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0180

**CICS Commands subject to CICS Security**

INQUIRE ATOMSERVICE

Table 37. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A
	DISCARD	None	N/A

Table 38. ATOMSERV resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name			0

Table 38. ATOMSERV resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
EYU_CICSREL	CHAR	CPSM			4	DIF	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
NAME-1	CHAR	INQ	ATOMSERVICE	ATOMSERVICE	8	DIF	No	Name			16
ATMSRVDELENT	BINARY	STAT	DFHW2RDS	W2R_ATOMSERV_DEL_ENTRY_CNT	4	AVG	No	Number of DELETE requests to the entry URL			652
ATMSRVGETENT	BINARY	STAT	DFHW2RDS	W2R_ATOMSERV_GET_ENTRY_CNT	4	AVG	No	Number of GET requests to the entry URL			644
ATMSRVGETFED	BINARY	STAT	DFHW2RDS	W2R_ATOMSERV_GET_FEED_CNT	4	AVG	No	Number of GET requests to the feed URL			640
ATMSRVPSTFED	BINARY	STAT	DFHW2RDS	W2R_ATOMSERV_POST_FEED_CNT	4	AVG	No	Number of POST requests to the feed URL			636
ATMSRVPUTENT	BINARY	STAT	DFHW2RDS	W2R_ATOMSERV_PUT_ENTRY_CNT	4	AVG	No	Number of PUT requests to the entry URL			648
ATMSRVREFCT	BINARY	STAT	DFHW2RDS	W2R_ATOMSERV_REF_COUNT	4	AVG	No	Atom Service reference count			628
ATMSRVREFDIS	BINARY	STAT	DFHW2RDS	W2R_ATOMSERV_REF_DISABLED	4	AVG	No	Atom Service reference disabled count			632
ATOMTYPE	CVDAS	CPSM	ATOMSERVICE	ATOMTYPE	4	MIN	No	Atomtype			28
ATOMTYPE Input/output valid values	<ul style="list-style-type: none"> <li>FEED</li> <li>SERVICE</li> <li>COLLECTION</li> <li>CATEGORY</li> </ul>										
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0		624
BINDFILE	CHAR	CPSM	ATOMSERVICE	BINDFILE	255	DIF	No	Bind file name			56
CHANGEAGENT	CVDAS	INQ	ATOMSERVICE	CHANGEAGENT	4	LIKE	No	Last modification agent			576
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>CSDAPI</li> <li>CSDBATCH</li> <li>DREPAPI</li> <li>OVERRIDE</li> <li>DREPBATCH</li> <li>CREATESPI</li> <li>NOTAPPLIC</li> </ul>										
CHANGEAGREL	CHAR	INQ	ATOMSERVICE	CHANGEAGREL	4	DIF	No	Last modification agent release			580
CHANGETIME	DATETIME	INQ	ATOMSERVICE	CHANGETIME	8	MAX	No	Last modification time			584
CHANGEUSRID	CHAR	INQ	ATOMSERVICE	CHANGEUSRID	8	DIF	No	Last modification user ID			566
CONFIGFILE	CHAR	CPSM	ATOMSERVICE	CONFIGFILE	255	DIF	No	Configuration file name			311

Table 38. ATOMSERV resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
DEFINESOURCE	CHAR	INQ	ATOMSERVICE	DEFINESOURCE	8	DIF F	No	Source of the resource definition			592
DEFINETIME	DATETIME	INQ	ATOMSERVICE	DEFINETIME	8	MAX	No	Creation time			600
ENABLESTATUS	CVDAS	CPSM	ATOMSERVICE	ENABLESTATUS	4	LIKE	Yes	Enabled status			24
ENABLESTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>										
INSTALLAGENT	CVDAS	INQ	ATOMSERVICE	INSTALLAGENT	4	LIKE	No	Installation agent		E640 E650 E660	36
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• GRPLIST</li> <li>• BUNDLE</li> </ul>										
INSTALLTIME	DATETIME	INQ	ATOMSERVICE	INSTALLTIME	8	MAX	No	Installation time			616
INSTALLUSRID	CHAR	INQ	ATOMSERVICE	INSTALLUSRID	8	DIF F	No	Installation user ID			608
RESOURCENAME	CHAR	CPSM	ATOMSERVICE	RESOURCENAME	16	DIF F	No	Resource name			40
RESOURCECTYPE	CVDAS	CPSM	ATOMSERVICE	RESOURCECTYPE	4	LIKE	No	Resource type			32
RESOURCECTYPE Input/output valid values	<ul style="list-style-type: none"> <li>• FILE</li> <li>• PROGRAM</li> <li>• TSQUEUE</li> <li>• NOTAPPLIC</li> </ul>										
URIMAPNAME	CHAR	INQ	ATOMSERVICE	URIMAP	8	DIF F	No	URIMAP name		E640 E650 E660	656
XMLTRANSNAME	CHAR	INQ	ATOMSERVICE	XMLTRANSFORM	32	DIF F	No	XMLTRANSFORM name		E640 E650 E660	664



## Chapter 14. ATTRAVA Resource Table

A MetaData resource that describes one valid value for an attribute of a managed object.

The **Primary** key field for this resource class is OBJECT.

The **Secondary** key field for this resource class is TABLEVER.

The **Tertiary** key field for this resource class is NAME.

The **Fourth** key field for this resource class is AVAVALUE.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Metadata

### Length

40

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2581

Table 39. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 40. ATTRAVA resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
<b>OBJECT-1</b>	CHAR	CPSM	8	DIFF	Object name	0
<b>TABLEVER-2</b>	BINARY	CPSM	2	AVG	Object table version	8
<b>NAME-3</b>	CHAR	CPSM	12	DIFF	Attribute name	10
<b>AVAVALUE-4</b>	CHAR	CPSM	16	DIFF	Attribute valid value	22
IOTYPE	CHAR	CPSM	1	DIFF	Valid I/O operation	39
IOTYPE Input/output valid values	<ul style="list-style-type: none"><li>• B (B) - INPUT and Output</li><li>• I (I) - INPUT operation</li><li>• O (O) - OUTPUT operation</li></ul>					
LISTTYPE	BINARY	CPSM	1	AVG	Valid value type	38
LISTTYPE Input/output valid values	<ul style="list-style-type: none"><li>• 1 (AVA) - AVAVALUE is an AVA</li><li>• 2 (VALUE) - AVAVALUE is a VALUE</li></ul>					





## Chapter 15. ATTR Resource Table

A CPSM MetaData resource that describes an attribute of a managed object.

The **Primary** key field for this resource class is OBJECT.

The **Secondary** key field for this resource class is TABLEVER.

The **Tertiary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Metadata

### Length

216

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2580

Table 41. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 42. ATTR resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
<b>OBJECT-1</b>	CHAR	CPSM	8	DIFF	Object name	0
<b>TABLEVER-2</b>	BINARY	CPSM	2	AVG	Object table version	8
<b>NAME-3</b>	CHAR	CPSM	12	DIFF	Attribute name	10
AVAAVAIL	CHAR	CPSM	1	DIFF	AVA set available	40
AVAAVAIL Input/output valid values	<ul style="list-style-type: none"><li>Y (YES) - Value assertions</li><li>N (NO) - No values</li></ul>					
AVACOUNT	BINARY	CPSM	1	AVG	Number of AVAs present	46
CICSSETAVAIL	CHAR	CPSM	1	DIFF	CICS set validity available	201
CICSSETAVAIL Input/output valid values	<ul style="list-style-type: none"><li>Y (YES) - CICS Set Validity data present</li><li>N (NO) - No CICS Set Validity data</li></ul>					
CICSVALAVAIL	CHAR	CPSM	1	DIFF	CICS validity data available	41
CICSVALAVAIL Input/output valid values	<ul style="list-style-type: none"><li>Y (YES) - CICS Validity active</li><li>N (NO) - No CICS Validity data</li></ul>					

Table 42. ATTR resource table attributes (continued)						
Name	Datatype	Source	Len	Sum	Description	Offset
DATATYPE	CHAR	CPSM	8	DIFF	Data type	26
DEFAULT	CHAR	CPSM	16	DIFF	Default value	184
DESC	CHAR	CPSM	50	DIFF	Attribute description	134
FILTER	CHAR	CPSM	1	DIFF	Attribute eligible for filtering	203
FILTER Input/output valid values	<ul style="list-style-type: none"> <li>Y (YES) - Filter by field allowed</li> <li>N (NO) - Filter by field not allowed</li> </ul>					
HDRTEXT	CHAR	CPSM	30	DIFF	Attribute header text	104
HDRTXTAVAIL	CHAR	CPSM	1	DIFF	Header text available	42
HDRTXTAVAIL Input/output valid values	<ul style="list-style-type: none"> <li>Y (YES) - Header data active</li> <li>N (NO) - No header data</li> </ul>					
HIGHVALUE	CHAR	CPSM	16	DIFF	Highest valid value	88
ID	BINARY	CPSM	2	LIKE	Attribute id	210
IDATYPE	BINARY	CPSM	1	LIKE	Reserved	207

Table 42. ATTR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
IDATATYPE Input/output valid values	<ul style="list-style-type: none"> <li>• 0 (COMP) - Component Identifier</li> <li>• 4 (BIN) - Binary Numeric</li> <li>• 8 (RATE) - Binary Derived Rate</li> <li>• 12 (PER) - Binary Derived Percent</li> <li>• 16 (SUM) - Binary Derived Sum</li> <li>• 20 (RATO) - Binary Derived Ratio</li> <li>• 24 (AVG) - Binary Derived Average</li> <li>• 28 (TSTP) - System/370 Timestamp</li> <li>• 32 (BIT) - Bit</li> <li>• 36 (TEXT) - Text</li> <li>• 40 (CHAR) - Character</li> <li>• 44 (EYUD) - EYUDA</li> <li>• 48 (CVDS) - CVDA Standard</li> <li>• 52 (CVDT) - CVDA Terminal</li> <li>• 56 (REST) - Resource Type</li> <li>• 60 (PACK) - Packed Decimal</li> <li>• 64 (DATE) - Date</li> <li>• 68 (ILBL) - Internal Label Field</li> <li>• 72 (HHMM) - Binary HHMM</li> <li>• 76 (SCLK) - Interval Store Clock</li> <li>• 80 (IUSC) - Interval Microseconds</li> <li>• 84 (IMSC) - Interval Milliseconds</li> <li>• 88 (16US) - Interval 16 Microseconds</li> <li>• 92 (ISEC) - Interval Seconds</li> <li>• 96 (IUSS) - Interval Store Clock delta</li> <li>• 100 (DTGP) - Date Time Group</li> <li>• 104 (DECT) - Packed Decimal Timestamp</li> <li>• 108 (ADDR) - Address</li> <li>• 112 (CNUM) - Coded Numeric</li> <li>• 116 (HCHR) - Non Display Character</li> <li>• 120 (HEX) - Hexadecimal</li> <li>• 124 (TVER) - Table version</li> <li>• 128 (RAT3) - Binary derived rate 3DP</li> <li>• 132 (PER3) - Binary derived percent 3DP</li> <li>• 136 (SUM3) - Binary derived sum 3DP</li> <li>• 140 (AVG3) - Binary derived average 3DP</li> <li>• 144 (DECS) - Packed Decimal Time - No Tenths</li> <li>• 152 (SC12) - Interval Store Clock Length 12</li> <li>• 156 (BITS) - String of bit flags</li> </ul>					
IGNVALUE	CHAR	CPSM	16	DIFF	Ignore value	56
INHERIT	CHAR	CPSM	1	DIFF	Attribute may participate in inheritance	206
INHERIT Input/output valid values	<ul style="list-style-type: none"> <li>• Y (YES) - Inherit supported</li> <li>• N (NO) - Inherit not supported</li> </ul>					
KEY	CHAR	CPSM	1	DIFF	Key participation	45
LENGTH	BINARY	CPSM	2	AVG	Attribute length	22
LOWVALUE	CHAR	CPSM	16	DIFF	Lowest valid value	72
OFFSET	BINARY	CPSM	2	AVG	Attribute offset	24
PICKLIST	CHAR	CPSM	1	DIFF	Attribute eligible for picklist	212
PICKLIST Input/output valid values	<ul style="list-style-type: none"> <li>• Y (YES) - Picklist supported</li> <li>• N (NO) - Picklist not supported</li> </ul>					

Table 42. ATTR resource table attributes (continued)						
Name	Datatype	Source	Len	Sum	Description	Offset
REQUIRED	CHAR	CPSM	1	DIFF	Attribute is required	39
REQUIRED Input/output valid values	<ul style="list-style-type: none"> <li>Y (YES) - Required for Create</li> <li>N (NO) - Optional on Create</li> </ul>					
SETCICES2	BIT	CPSM	1	LIKE	Not modifiable in CICS Transaction Server for z/OS byte 2	209
SETCICES2 Input/output valid values	<ul style="list-style-type: none"> <li>128 (E630) - CICS Transaction Server for z/OS, Version 2 Release 3</li> <li>64 (E640) - CICS Transaction Server for z/OS, Version 3 Release 1</li> <li>32 (E650) - CICS Transaction Server for z/OS, Version 3 Release 2</li> <li>16 (E660) - CICS Transaction Server for z/OS, Version 4 Release 1</li> <li>8 (E670) - CICS Transaction Server for z/OS, Version 4 Release 2</li> <li>4 (E680) - CICS Transaction Server for z/OS, Version 5 Release 1</li> <li>2 (E690) - CICS Transaction Server for z/OS, Version 5 Release 2</li> <li>1 (E700) - CICS Transaction Server for z/OS, Version 5 Release 3</li> </ul>					
SETCICES3	BIT	CPSM	1	LIKE	Not modifiable in CICS Transaction Server for z/OS byte 3	214
SETCICES3 Input/output valid values	<ul style="list-style-type: none"> <li>128 (E710) - CICS Transaction Server for z/OS, Version 5 Release 4</li> <li>64 (E720) - CICS Transaction Server for z/OS, Version 5 Release 5</li> <li>32 (E730) - CICS Transaction Server for z/OS, Version 5 Release 6</li> </ul>					
SETCICES4	BIT	CPSM	1	LIKE	Not modifiable in CICS/ESA	52
SETCICES4 Input/output valid values	<ul style="list-style-type: none"> <li>128 (M212) - CICS/MVS 212</li> <li>64 (E330) - CICS/ESA 330</li> <li>32 (E410) - CICS/ESA 410</li> <li>16 (E510) - CICS for MVS/ESA 510</li> <li>8 (E520) - CICS for MVS/ESA 520</li> <li>4 (E530) - CICS for MVS/ESA 530</li> <li>2 (E610) - CICS for MVS/ESA 610</li> <li>1 (E620) - CICS for MVS/ESA 620</li> </ul>					
SETCICSOS2	BIT	CPSM	1	LIKE	Not modifiable in CICS OS/2	54
SETCICSOS2 Input/output valid values	<ul style="list-style-type: none"> <li>128 (O201) - CICS OS/2 201</li> <li>64 (O300) - CICS OS/2 300</li> <li>32 (O311) - CICS OS/2 310</li> </ul>					
SETCICSVSE	BIT	CPSM	1	LIKE	Not modifiable in CICS/VSE	53
SETCICSVSE Input/output valid values	<ul style="list-style-type: none"> <li>128 (V220) - CICS/VSE 220</li> <li>64 (V230) - CICS/VSE 230</li> <li>32 (V410) - CICS/VSE 410</li> </ul>					
SETCICSWNT	BIT	CPSM	1	LIKE	Not modifiable in CICS for Windows	55
SETCICSWNT Input/output valid values	<ul style="list-style-type: none"> <li>128 (N430) - CICS for Windows 430</li> <li>64 (N500) - CICS for Windows 500</li> </ul>					
SETVALID	CHAR	CPSM	1	DIFF	Attribute may be set	38
SETVALID Input/output valid values	<ul style="list-style-type: none"> <li>Y (YES) - Value may be modified</li> <li>N (NO) - No modification</li> </ul>					
SORT	CHAR	CPSM	1	DIFF	Attribute eligible for sorting	202
SORT Input/output valid values	<ul style="list-style-type: none"> <li>Y (YES) - Sort by field allowed</li> <li>N (NO) - Sort by field not allowed</li> </ul>					
SOURCE	CHAR	CPSM	1	DIFF	Source of attribute	44
SUMMARIZE	CHAR	CPSM	1	DIFF	Attribute eligible for grouping	204

Table 42. ATTR resource table attributes (continued)						
Name	Datatype	Source	Len	Sum	Description	Offset
SUMMARIZE Input/output valid values	<ul style="list-style-type: none"> <li>Y (YES) - Group by field allowed</li> <li>N (NO) - Group by field not allowed</li> </ul>					
SUMOPT	CHAR	CPSM	4	DIFF	Default summary option	34
UCHAR	CHAR	CPSM	1	DIFF	Uppercase character values	200
UCHAR Input/output valid values	<ul style="list-style-type: none"> <li>Y (YES) - Uppercase characters</li> <li>N (NO) - Do not uppercase characters</li> </ul>					
VALCICSES2	BIT	CPSM	1	LIKE	Not valid in CICS Transaction Server for z/OS byte 2	208
VALCICSES2 Input/output valid values	<ul style="list-style-type: none"> <li>128 (E630) - CICS Transaction Server for z/OS, Version 2 Release 3</li> <li>64 (E640) - CICS Transaction Server for z/OS, Version 3 Release 1</li> <li>32 (E650) - CICS Transaction Server for z/OS, Version 3 Release 2</li> <li>16 (E660) - CICS Transaction Server for z/OS, Version 4 Release 1</li> <li>8 (E670) - CICS Transaction Server for z/OS, Version 4 Release 2</li> <li>4 (E680) - CICS Transaction Server for z/OS, Version 5 Release 1</li> <li>2 (E690) - CICS Transaction Server for z/OS, Version 5 Release 2</li> <li>1 (E700) - CICS Transaction Server for z/OS, Version 5 Release 3</li> </ul>					
VALCICSES3	BIT	CPSM	1	LIKE	Not valid in CICS Transaction Server for z/OS byte 3	213
VALCICSES3 Input/output valid values	<ul style="list-style-type: none"> <li>128 (E710) - CICS Transaction Server for z/OS, Version 5 Release 4</li> <li>64 (E720) - CICS Transaction Server for z/OS, Version 5 Release 5</li> <li>32 (E730) - CICS Transaction Server for z/OS, Version 5 Release 6</li> </ul>					
VALCICSESA	BIT	CPSM	1	LIKE	Not valid in CICS/ESA	48
VALCICSESA Input/output valid values	<ul style="list-style-type: none"> <li>128 (M212) - CICS/MVS 212</li> <li>64 (E330) - CICS/ESA 330</li> <li>32 (E410) - CICS/ESA 410</li> <li>16 (E510) - CICS Transaction Server for OS/390, Release 1</li> <li>8 (E520) - CICS Transaction Server for OS/390, Release 2</li> <li>4 (E530) - CICS Transaction Server for OS/390, Release 3</li> <li>2 (E610) - CICS Transaction Server for z/OS, Version 2 Release 1</li> <li>1 (E620) - CICS Transaction Server for z/OS, Version 2 Release 2</li> </ul>					
VALCICSOS2	BIT	CPSM	1	LIKE	Not valid in CICS OS/2	50
VALCICSOS2 Input/output valid values	<ul style="list-style-type: none"> <li>128 (O201) - CICS OS/2 201</li> <li>64 (O300) - CICS OS/2 300</li> <li>32 (O311) - CICS OS/2 310</li> </ul>					
VALCICSVSE	BIT	CPSM	1	LIKE	Not valid in CICS/VSE	49
VALCICSVSE Input/output valid values	<ul style="list-style-type: none"> <li>128 (V220) - CICS/VSE 220</li> <li>64 (V230) - CICS/VSE 230</li> <li>32 (V410) - CICS/VSE 410</li> </ul>					
VALCICSWNT	BIT	CPSM	1	LIKE	Not valid in CICS for Windows	51
VALCICSWNT Input/output valid values	<ul style="list-style-type: none"> <li>128 (N430) - CICS for Windows 430</li> <li>64 (N500) - CICS for Windows 500</li> </ul>					
VALCOUNT	BINARY	CPSM	1	AVG	Number of values present	47
VALSETAVAIL	CHAR	CPSM	1	DIFF	Value set available	43
VALSETAVAIL Input/output valid values	<ul style="list-style-type: none"> <li>Y (YES) - Value set active</li> <li>N (NO) - No value set</li> </ul>					
VIEWMOD	CHAR	CPSM	1	DIFF	Attribute may appear in a view	205

Table 42. ATTR resource table attributes (continued)						
Name	Datatype	Source	Len	Sum	Description	Offset
VIEWMOD Input/output valid values	<ul style="list-style-type: none"> <li>• Y (YES) - SPECIFY VIEW allowed</li> <li>• N (NO) - SPECIFY VIEW not allowed</li> </ul>					

# Chapter 16. BATCHREP Resource Table

A CPSM Manager resource that provides information about a batched repository-update job.

The **Primary** key field for this resource class is INPUTDSN.

The **Secondary** key field for this resource class is INPUTMEMBER.

The following actions are supported:

### CHECK

Check input parameters for a batched repository-update job.

The parameter data for the CHECK action is:

```
PARM('INPUTDSN(data set)
      [INPUTMEMBER(membername)] [PRINTCLASS(class)]
      PRINTNODE(node) OUTPUTUSER(userid).')
```

where:

data set = (Required) 1-to 44-character name of the sequential or Partitioned Data Set (PDS) that contains the input parameters to the batched repository-update job.

membername = When using a PDS, the name of the member that contains the input parameters to the batched repository-update job.

class = 1-character print class identifier. If omitted print class A is used.

node = (Required) 1-to 8-character print node identifier to be used by the system spooler for routing the job output.

userid = (Required) 1- to 8-character user identifier for the job output.

### EXECUTE

Execute a batched repository-update job.

The parameter data for the EXECUTE action is:

```
PARM('INPUTDSN(data set)
      [INPUTMEMBER(membername)] [PRINTCLASS(class)]
      PRINTNODE(node) OUTPUTUSER(userid).')
```

where:

data set = (Required) 1-to 44-character name of the sequential or Partitioned Data Set (PDS) that contains the input parameters to the batched repository-update job.

membername = When using a PDS, the name of the member that contains the input parameters to the batched repository-update job.

class = 1-character print class identifier. If omitted print class A is used.

node = (Required) 1-to 8-character print node identifier to be used by the system spooler for routing the job output.

userid = (Required) 1- to 8-character user identifier for the job output.

### External resource name(CMCI)

CICSBatchrepRequest

### Object type

CICSplex SM Manager

### Length

80

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

Yes

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2554

*Table 43. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		INPUTDSN(value)	No
		INPUTMEMBER(value)	No
PERFORM SET	CHECK	INPUTDSN(value)	Yes
		INPUTMEMBER(value)	No
		OUTPUTUSER(value)	Yes
		PRINTCLASS(value)	No
		PRINTNODE(value)	Yes
	EXECUTE	INPUTDSN(value)	Yes
		INPUTMEMBER(value)	No
		OUTPUTUSER(value)	Yes
		PRINTCLASS(value)	No
		PRINTNODE(value)	Yes

*Table 44. BATCHREP FEEDBACK error codes*

Value	Code	Description
1	BATCHREP_DUPLICATE_REQUEST	Duplicate request for this input data set and member
2	BATCHREP_STORAGE_FAILURE	Failure to obtain storage for job
3	BATCHREP_PRINT_FAILURE	Failure during print processing
4	BATCHREP_INPUT_SEC_VIOLATION	Security violation with input data set
5	BATCHREP_SPOOL_UNAVAILABLE	Spool found to be not available
6	BATCHREP_DATASET_NOT_FOUND	Input data set not found
7	BATCHREP_OUTPUT_SEC_VIOLATION	Security violation with output data set
8	BATCHREP_PRINTNODE_NOT_FOUND	Print node is required but not specified
9	BATCHREP_OUTPUTUSER_NOT_FOUND	Output user is required but not specified
10	BATCHREP_INV_INPUTMEMBER	Invalid input member
11	BATCHREP_INV_INPUTDSN	Invalid input data set name



Table 44. BATCHREP FEEDBACK error codes (continued)		
Value	Code	Description
12	BATCHREP_INV_PRINTCLASS	Invalid output class
13	BATCHREP_INV_PRINTNODE	Invalid print node
14	BATCHREP_INV_OUTPUTUSER	Invalid destination user ID

Table 45. BATCHREP resource table attributes							
Name	Datatype	Source	Len	Sum	Description	Default	Offset
INPUTDSN-1	CHAR	CPSM	44	DIFF	Input data set		8
INPUTMEMBER-2	CHAR	CPSM	8	DIFF	Input member		52
OUTPUTUSER	CHAR	CPSM	8	DIFF	Destination user ID		69
PRINTCLASS	CHAR	CPSM	1	DIFF	Output class	A	60
PRINTNODE	CHAR	CPSM	8	DIFF	Destination node		61
PROCESS	EYUDA	CPSM	4	LIKE	Processing state	STOPPED	0
PROCESS Output valid values	<ul style="list-style-type: none"> <li>STARTED</li> <li>STOPPED</li> </ul>						
RUNTYPE	EYUDA	CPSM	4	LIKE	Batch run type	CHECK	4
RUNTYPE Input/output valid values	<ul style="list-style-type: none"> <li>EXECUTE</li> <li>CHECK</li> </ul>						



## Chapter 17. BINCONRS Resource Table

A CPSM Business Application Services Manager object that describes the reasons for inconsistent set errors encountered while installing CICS Definitions into CICS systems.

The **Primary** key field for this resource class is CICSNAME.

The **Secondary** key field for this resource class is CANDNAME.

The **Tertiary** key field for this resource class is CANDVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Metadata

### Length

144

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2619

Table 46. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 47. BINCONRS resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
<b>CICSNAME-1</b>	CHAR	CPSM	8	LIKE	CICS system name	16
<b>CANDNAME-2</b>	CHAR	CPSM	8	LIKE	Candidate resource name	33
<b>CANDVER-3</b>	BINARY	CPSM	1	LIKE	Candidate resource version	41
CANDASGOVR	EYUDA	CPSM	4	LIKE	Candidate assignment override	84
CANDASGOVR Output valid values	<ul style="list-style-type: none"><li>• NO</li><li>• YES</li></ul>					
CANDRASG	CHAR	CPSM	8	LIKE	Candidate resource assignment	50
CANDRDSC	CHAR	CPSM	8	LIKE	Candidate resource description	58
CANDRGRP	CHAR	CPSM	8	LIKE	Candidate resource group	42
CANDSGRP	CHAR	CPSM	8	LIKE	Candidate system group	72
CANDTYPE	EYUDA	CPSM	4	LIKE	Candidate system type	80

Table 47. BINCONRS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
CANDTYPE Output valid values	<ul style="list-style-type: none"> <li>TARGET</li> <li>RELATED</li> </ul>					
CANDUSAGE	EYUDA	CPSM	4	LIKE	Candidate resource assignment usage	68
CANDUSAGE Output valid values	<ul style="list-style-type: none"> <li>LOCAL</li> <li>REMOTE</li> <li>ASIS</li> </ul>					
CMASNAME	CHAR	CPSM	8	LIKE	CMAS name	0
ERROP	BINARY	CPSM	1	LIKE	Error operation	32
ERROP Input/output valid values	<ul style="list-style-type: none"> <li>1 (ADDSYS) - Add System to System Group</li> <li>2 (ADDTGRP) - Add Definition to Group</li> <li>3 (UPDINGRP) - Update Definition in Group</li> <li>4 (ADDRASI) - Add RASINDSC</li> <li>5 (ADDRESI) - Add RESINDSC</li> <li>6 (UPDRASG) - Update RASGNDEF</li> <li>7 (UPDRASI) - Update RASINDSC</li> <li>8 (UPDRESI) - Update RESDESC Install Scope</li> <li>9 (UPDRDSC) - Update RESDESC</li> </ul>					
EXISTASGOVR	EYUDA	CPSM	4	LIKE	Existing resource assignment override	140
EXISTASGOVR Output valid values	<ul style="list-style-type: none"> <li>NO</li> <li>YES</li> </ul>					
EXISTNAME	CHAR	CPSM	8	LIKE	Existing resource name	88
EXISTRASG	CHAR	CPSM	8	LIKE	Existing resource assignment	105
EXISTRDSC	CHAR	CPSM	8	LIKE	Existing resource description	113
EXISTRGRP	CHAR	CPSM	8	LIKE	Existing resource group	97
EXISTSGRP	CHAR	CPSM	8	LIKE	Existing system group	128
EXISTTYPE	EYUDA	CPSM	4	LIKE	Existing system type	136
EXISTTYPE Output valid values	<ul style="list-style-type: none"> <li>TARGET</li> <li>RELATED</li> </ul>					
EXISTUSAGE	EYUDA	CPSM	4	LIKE	Existing resource assignment usage	124
EXISTUSAGE Output valid values	<ul style="list-style-type: none"> <li>LOCAL</li> <li>REMOTE</li> <li>ASIS</li> </ul>					
EXISTVER	BINARY	CPSM	1	LIKE	Existing resource version	96
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	8
RESTYPE	CHAR	CPSM	8	LIKE	Resource type	24

## Chapter 18. BINCONSC Resource Table

A CPSM Business Application Services Manager object that describes the reasons for inconsistent scope errors encountered while installing CICS Definitions into a CICS system.

The **Primary** key field for this resource class is TARGSCOPE.

The **Secondary** key field for this resource class is RELSCOPE.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Metadata

### Length

80

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2620

Table 48. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 49. BINCONSC resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
TARGSCOPE-1	CHAR	CPSM	8	LIKE	Target scope name	18
RELSCOPE-2	CHAR	CPSM	8	LIKE	Related scope name	42
CICSNAME	CHAR	CPSM	8	LIKE	CICS system name	66
CMASNAME	CHAR	CPSM	8	LIKE	CMAS name	0
ERRCODE	BINARY	CPSM	1	LIKE	Error code	17
ERRCODE Input/output valid values	<ul style="list-style-type: none"><li>1 (SAMESCP) - Target/Related scopes are same</li><li>2 (TRGINREL) - Target Scope is in Related</li><li>3 (RELINTRG) - Related Scope is in Target</li><li>4 (SYSNBOTH) - CICSNAME in Target and Related</li><li>5 (MULTREL) - Multiple Systems in Related</li><li>6 (RELNOSYS) - Related System has no SYSID</li></ul>					
ERROP	BINARY	CPSM	1	LIKE	Error operation	16

Table 49. BINCONSC resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
ERROP Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (ADDRASI) - Add RASINDSC</li> <li>• 2 (UPDRASG) - Update RASGNDEF</li> <li>• 3 (UPDRASI) - Update RASINDSc</li> <li>• 4 (UPDRDSC) - Update RESDESC</li> <li>• 5 (ADDSYS) - Add System to Group</li> </ul>					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	8
RELRASG	CHAR	CPSM	8	LIKE	Resource assignment for related scope	50
RELRDSC	CHAR	CPSM	8	LIKE	Resource description for related scope	58
TARGRASG	CHAR	CPSM	8	LIKE	Resource assignment for target scope	26
TARGRDSC	CHAR	CPSM	8	LIKE	Resource description for target scope	34

## Chapter 19. BINSTERR Resource Table

A CPSM Business Application Services Manager object that identifies errors encountered while installing CICS Definitions into CICS systems.

The **Primary** key field for this resource class is CICSNAME.

The **Secondary** key field for this resource class is RESNAME.

The **Tertiary** key field for this resource class is RESVER.

The **Fourth** key field for this resource class is RESTYPE.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Metadata

### Length

48

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2616

Table 50. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 51. BINSTERR resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
<b>CICSNAME-1</b>	CHAR	CPSM	8	LIKE	CICS system name	16
<b>RESNAME-2</b>	CHAR	CPSM	8	LIKE	Resource name	24
<b>RESVER-3</b>	BINARY	CPSM	1	LIKE	Resource version number	32
<b>RESTYPE-4</b>	RESTYPE	CPSM	2	LIKE	Resource type	34
CEIBFN	BINARY	CPSM	2	LIKE	EIBFN response from CICS	44
CMASNAME	CHAR	CPSM	8	LIKE	CMAS name	0
CRESP1	BINARY	CPSM	4	LIKE	RESP response from CICS	36
CRESP2	BINARY	CPSM	4	LIKE	RESP2 response from CICS	40
ERRCODE	BINARY	CPSM	1	LIKE	Error code	33

Table 51. BINSTERR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
ERRCODE Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (SYSSTATE) - System Inact/Not Cre capable</li> <li>• 2 (INSTNAUT) - Install not authorized</li> <li>• 3 (DSCDNAUT) - Discard not authorized</li> <li>• 4 (INSTFAIL) - Install failure</li> <li>• 5 (DSCDFAIL) - Install discard failure</li> <li>• 6 (INSTCPFL) - Install Complete failure</li> <li>• 7 (INSTNCON) - Install Connection failure</li> <li>• 8 (INSTSTAT) - Install status failure</li> <li>• 9 (INSTNSUP) - Install not supported</li> <li>• 10 (FORCENO) - Resource Install negated</li> <li>• 11 (DSCRDERR) - Discard failure</li> <li>• 12 (METHFAIL) - MAS method failure</li> <li>• 13 (NOCREATE) - System not create capable</li> <li>• 14 (RSRCNSUP) - Resource not supported</li> </ul>					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	8



## Chapter 20. BRFACIL Resource Table

A CICS Resource that describes a LINK3270 bridge facility.

The **Primary** key field for this resource class is NAME.

The following action is supported:

### RELEASE

Mark an active bridge facility for deletion.

### External resource name(CMCI)

CICSBridgeFacility

### Object type

CICS Resource

### Length

88

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0111

### CICS Commands subject to CICS Security

INQUIRE BRFACILITY

Table 52. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	RELEASE	None	N/A

Table 53. BRFACIL resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	12
<b>NAME-1</b>	HEX	INQ	BRFACILITY	BRFACILITY	8	MIN	No	Bridge facility token	16
KEEPTIME	INTSEC	INQ	BRFACILITY	KEEPTIME	4	MAX	No	Facility keep time	80
LINKSYSNET	CHAR	INQ	BRFACILITY	LINKSYSNET	8	DIFF	No	Remote bridge target region network name	56

Table 53. BRFACIL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
LINKSYSTEM	CHAR	INQ	BRFACILITY	LINKSYSTEM	4	DIFF	No	Remote bridge target region system ID	52
NAMESPACE	CVDAS	INQ	BRFACILITY	NAMESPACE	4	LIKE	No	Namespace type	76
NAMESPACE Output valid values	<ul style="list-style-type: none"> <li>• LOCAL</li> <li>• SHARED</li> </ul>								
NETNAME	CHAR	INQ	BRFACILITY	NETNAME	8	DIFF	No	Network name	24
REMOTESYSNET	CHAR	INQ	BRFACILITY	REMOTESYSNET	8	DIFF	No	Remote bridge router network name	68
REMOTESYSTEM	CHAR	INQ	BRFACILITY	REMOTESYSTEM	4	DIFF	No	Remote bridge router system ID	64
TASKID	BINARY	INQ	BRFACILITY	TASKID	4	AVG	No	Task number	40
TERMID	CHAR	INQ	BRFACILITY	TERMID	4	DIFF	No	Terminal	32
TERMSTATUS	CVDAS	INQ			4	LIKE	Yes	Terminal status	84
TERMSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• RELEASED</li> </ul>								
TERMSTATUS Output valid values	<ul style="list-style-type: none"> <li>• ACQUIRED</li> <li>• AVAILABLE</li> </ul>								
TRANSID	CHAR	INQ	BRFACILITY	TRANSACTION	4	DIFF	No	Transaction	36
USERID	CHAR	INQ	BRFACILITY	USERID	8	DIFF	No	User ID	44

# Chapter 21. BUNDEF Resource Table

A CICS definition that describes an application bundle.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**CREATE**

Create a BUNDLE resource that represents the application bundle in CICS.

**INSTALL**

Install a BUNDLE resource so that the application bundle is available in CICS.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#)

**External resource name(CMCI)**

CICSDefinitionBundle

**Object type**

CICS Definition

**Length**

656

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3839

**CICS Commands subject to CICS Security**

INQUIRE BUNDLE

Table 54. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No

Table 54. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
		RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 55. BUNDDEF FEEDBACK error codes		
Value	Code	Description
1	BUNDDEF_INV_DATA	Attribute data invalid
2	BUNDDEF_REC_NOT_FOUND	Requested resource not found
4	BUNDDEF_REC_EXISTS	Resource already exists
5	BUNDDEF_REC_CHANGED	Resource definition already changed
6	BUNDDEF_INV_RESTYPE	Invalid resource type
7	BUNDDEF_INV_VER	Invalid resource version
11	BUNDDEF_NON_MP	Maintenance point CMAS not available
12	BUNDDEF_INV_CONTEXT	Context not found
13	BUNDDEF_INCONSISTENT_SET	Inconsistent set condition
14	BUNDDEF_INV_RESGROUP	Resource group not found
21	BUNDDEF_INV_ACTION	Invalid action
22	BUNDDEF_INV_RECADDR	Invalid record address
23	BUNDDEF_INV_RECLEN	Invalid record length
24	BUNDDEF_DIFF_VERSION	Different version
25	BUNDDEF_EARLY_NAMELIST_END	Early name list end
26	BUNDDEF_INV_NAMELIST	Invalid name list
27	BUNDDEF_INV_NAME	Invalid name
28	BUNDDEF_INV_MINNAME	Invalid minor name

Table 55. BUNDDEF FEEDBACK error codes (continued)

Value	Code	Description
29	BUNDDEF_NOTIFY	Notify
30	BUNDDEF_PARTIAL_INSTALL	Partial install
31	BUNDDEF_NOTHING_INSTALLED	Nothing installed
32	BUNDDEF_NO_TARGETS	No targets
33	BUNDDEF_NO_RELATED	No related systems
34	BUNDDEF_INV_TSCOPE	Invalid target scope
35	BUNDDEF_INV_RSCOPE	Invalid related scope
36	BUNDDEF_INV_USAGE	Invalid usage
37	BUNDDEF_INV_MODE	Invalid mode
38	BUNDDEF_INV_STATECHK	Invalid state check
39	BUNDDEF_INV_FORCEINS	Invalid force install
40	BUNDDEF_INV_NOTIFY	Invalid notify
41	BUNDDEF_INV_OVERTYPE	Invalid over type
42	BUNDDEF_INV_OVRBLOCK	Invalid override block
43	BUNDDEF_INV_ORSTRING	Invalid override string
44	BUNDDEF_INV_STRNGTERM	Invalid string term
45	BUNDDEF_INV_EMBEDTERM	Invalid embedded terminator
46	BUNDDEF_INV_ATTRIBUTE	Invalid attribute
47	BUNDDEF_INV_LITERAL	Invalid literal
48	BUNDDEF_INV_ORSTGNA	Invalid override string
49	BUNDDEF_SCOPE_REQUIRED	Scope required
50	BUNDDEF_USAGE_CONFLICT	Usage conflict
51	BUNDDEF_NODEFS_SELECTED	No definitions selected
52	BUNDDEF_MORE_THAN_1_RELSYS	More than one related system
53	BUNDDEF_MISSING_RELSYSID	Missing related system identifier
54	BUNDDEF_SCOPE_CONFLICT	Scope conflict
55	INVALID_BUNDLE_NAME	Invalid Bundle name.
56	BUNDDEF_INV_CSDGROUP	Invalid CSD group
57	BUNDDEF_REC_NOT_REMOVED	Record not removed
58	BUNDDEF_INV_RESOURCE	Invalid resource
59	BUNDDEF_INV_CICS_RESTYPE	Invalid CICS restype
60	BUNDDEF_PARTIAL_ACTION	Partial action
61	BUNDDEF_NOTHING_ACTIONED	Nothing actioned
62	BUNDDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
63	BUNDDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required

Table 55. BUNDDDEF FEEDBACK error codes (continued)

Value	Code	Description
64	BUNDDDEF_CSD_ERROR	CSD access error

Table 56. BUNDDDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				37
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		36
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	648
BASESCOPE	CHAR	CPSM	25 5	No	DIFF	BASESCOPE				393
BUNDLEDIR	CHAR	CPSM	25 5	Yes	DIFF	Name of the BUNDLE directory on zFS				138
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				16
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		72
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				80
STATUS	CVDAS	CPSM	4	Yes	LIKE	Enabled Status	ENABLED			76
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				45
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				53
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				61

# Chapter 22. BUNDLE Resource Table

A CICS resource that provides information about an application bundle.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**AVAILABLE**

Make the application available to callers through its application entry points.

**DISABLE**

Disable the BUNDLE resource so that the application that is deployed as a bundle is no longer available.

**DISCARD**

Discard the BUNDLE resource definition. The resource must be disabled.

**ENABLE**

Enable the BUNDLE resource so that the application is available in CICS.

**UNAVAILABLE**

Make the application unavailable to callers through its application entry points.

**PHASEIN**

Register new versions of any OSGi bundles referenced by the BUNDLE with the OSGi framework.

**External resource name(CMCI)**

CICSBundle

**Object type**

CICS Resource

**Length**

704

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0182

**CICS Commands subject to CICS Security**

INQUIRE BUNDLE

Table 57. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A

Table 57. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	DISABLE	None	N/A
	DISCARD	None	N/A
	AVAILABLE	None	N/A
	UNAVAILABLE	None	N/A
	PHASEIN	None	N/A

Table 58. BUNDLE resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
NAME-1	CHAR	INQ	BUNDLE	BUNDLE	8	DIF F	No	Name			16
AVAILSTATUS	CVDAS	INQ			4	LIKE	Yes	Availability status		E640 E650 E660 E670 E680	696
AVAILSTATUS Input/ output valid values	<ul style="list-style-type: none"> <li>• AVAILABLE</li> <li>• UNAVAILABLE</li> </ul>										
AVAILSTATUS Output valid values	<ul style="list-style-type: none"> <li>• SOMEAVAIL</li> <li>• NONE</li> </ul>										
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0		343
BASESCOPE	CHAR	INQ	BUNDLE	BASESCOPE	255	DIF F	No	BASESCOPE			344
BUNDLEDIR	CHAR	INQ	BUNDLE	BUNDLEDIR	255	DIF F	No	Name of the BUNDLE directory on zFS			88
BUNDLEID	CHAR	INQ	BUNDLE	BUNDLEID	64	DIF F	No	Bundle ID			612
CHANGEAGENT	CVDAS	INQ	BUNDLE	CHANGEAGENT	4	LIKE	No	Last modification agent			24
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>										
CHANGEAGREL	CHAR	INQ	BUNDLE	CHANGEAGREL	4	DIF F	No	Last modification agent release			28
CHANGETIME	DATETIME	INQ	BUNDLE	CHANGETIME	8	MAX	No	Last modification time			72
CHANGEUSRID	CHAR	INQ	BUNDLE	CHANGEUSRID	8	DIF F	No	Last modification user ID			32
DEFINESOURCE	CHAR	INQ	BUNDLE	DEFINESOURCE	8	DIF F	No	Source of the resource definition			40
DEFINETIME	DATETIME	INQ	BUNDLE	DEFINETIME	8	MAX	No	Creation time			64



Table 58. BUNDLE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
ENABLEDCOUNT	BINARY	INQ	BUNDLE	ENABLEDCOUNT	4	SUM	No	Enabled count			608
ENABLESTATUS	CVDAS	INQ	BUNDLE	ENABLESTATUS	4	LIKE	Yes	Status			60
ENABLESTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>										
ENABLESTATUS Output valid values	<ul style="list-style-type: none"> <li>• ENABLING</li> <li>• DISABLING</li> <li>• DISCARDING</li> </ul>										
INSTALLAGENT	CVDAS	INQ	BUNDLE	INSTALLAGENT	4	LIKE	No	Installation agent			48
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• GRPLIST</li> <li>• CLOUD</li> </ul>										
INSTALLTIME	DATETIME	INQ	BUNDLE	INSTALLTIME	8	MAX	No	Installation time			80
INSTALLUSRID	CHAR	INQ	BUNDLE	INSTALLUSRID	8	DIFF	No	Installation user ID			52
MAJORVERSION	BINARY	INQ	BUNDLE	MAJORVERSION	4	MAX	No	Major Version			676
MGMTPART	HEX	INQ	BUNDLE	MGMTPART	8	MIN	No	Management part Id			688
MICROVERSION	BINARY	INQ	BUNDLE	MICROVERSION	4	MAX	No	Micro Version			684
MINORVERSION	BINARY	INQ	BUNDLE	MINORVERSION	4	MAX	No	Minor Version			680
PARTCOUNT	BINARY	INQ	BUNDLE	PARTCOUNT	4	SUM	No	Part count			600
TARGETCOUNT	BINARY	INQ	BUNDLE	TARGETCOUNT	4	SUM	No	Target count			604



# Chapter 23. BUNDPART Resource Table

Inquire about the different parts of an application bundle, including the resources that are dynamically created and managed as part of the bundle.

The **Primary** key field for this resource class is BUNDLE.

The **Secondary** key field for this resource class is BUNDLEPART.

The **Tertiary** key field for this resource class is SEQNUMBER.

Although the BUNDPART resource identifies multiple key attributes, only the BUNDLE attribute can be specified in an EVALDEF INSTANCE attribute.

The following actions are supported:

## INQUIRE

Inquire about contents of the BUNDLE resource, including the resources that were dynamically created by the BUNDLE resource definition. The BUNDLE resource must be installed.

### External resource name(CMCI)

CICSBundlePart

### Object type

CICS Resource

### Length

872

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0191

### CICS Commands subject to CICS Security

INQUIRE BUNDLE

Table 59. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 60. BUNDPART resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		12

Table 60. BUNDPART resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Description	Get Invalid	Offset
<b>BUNDLE-1</b>	CHAR	INQ	BUNDLEPART	BUNDLE	8	DIFF	Bundle name		16
<b>BUNDLEPART-2</b>	CHAR	INQ	BUNDLEPART	BUNDLEPART	255	DIFF	Bundle resource name		24
<b>SEQNUMBER-3</b>	BINARY	CPSM			4	MAX	Browse sequence number		800
AVAILSTATUS	CVDAS	INQ	BUNDLEPART	AVAILSTATUS	4	LIKE	Availability status	E640 E650 E660 E670 E680	804
AVAILSTATUS Output valid values	<ul style="list-style-type: none"> <li>• AVAILABLE</li> <li>• UNAVAILABLE</li> <li>• NONE</li> </ul>								
ENABLESTATUS	CVDAS	INQ	BUNDLEPART	ENABLESTATUS	4	LIKE	Resource status		280
ENABLESTATUS Output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> <li>• ENABLING</li> <li>• DISABLING</li> <li>• DISCARDING</li> <li>• UNUSABLE</li> </ul>								
METADATAFILE	CHAR	INQ	BUNDLEPART	METADATAFILE	255	DIFF	Relative zFS path to resource description file		288
OPERATION	CHAR	INQ	BUNDLEPART	OPERATION	64	DIFF	Operation Name	E640 E650 E660 E670 E680	808
PARTCLASS	CVDAS	INQ	BUNDLEPART	PARTCLASS	4	LIKE	Resource class		284
PARTCLASS Output valid values	<ul style="list-style-type: none"> <li>• DEFINITION</li> <li>• EXPORT</li> <li>• IMPORT</li> <li>• ENTRYPOINT</li> <li>• POLICYSCOPE</li> </ul>								
PARTTYPE	CHAR	INQ	BUNDLEPART	PARTTYPE	255	DIFF	Resource type URI		543

## Chapter 24. BUNINGRP Resource Table

A CPSM Business Application Services definition that describes the membership of a bundle definition (BUNDDEF) in a resource group (RESGROUP). A BUNDDEF resource object can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is BUNGROUP.

The **Secondary** key field for this resource class is BUNNAME.

The **Tertiary** key field for this resource class is BUNVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6184

### Security Class

BAS.DEF

Table 61. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 62. BUNINGRP FEEDBACK error codes		
Value	Code	Description
1	BUNINGRP_INV_DATA	Attribute data invalid
2	BUNINGRP_REC_NOT_FOUND	Requested resource not found
4	BUNINGRP_REC_EXISTS	Resource already exists
6	BUNINGRP_INV_RESTYPE	Invalid resource type
7	BUNINGRP_INV_VER	Invalid resource version
11	BUNINGRP_NON_MP	Maintenance point CMAS not available

Table 62. BUNINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	BUNINGRP_INV_CONTEXT	Context not found
21	BUNINGRP_INCONSISTENT_SET	Inconsistent set
22	BUNINGRP_DIFF_VERSION	Different version
23	BUNINGRP_INV_NAME	Invalid name
24	BUNINGRP_INV_MINNAME	Invalid minor name

Table 63. BUNINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
<b>BUNGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
<b>BUNNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Bundle definition name	44
<b>BUNVER-3</b>	BINARY	CPSM	1	Yes	AVG	Bundle definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

## Chapter 25. CFDTPOOL Resource Table

A CICS Resource that describes a Coupling Facility Data Table pool in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSCFDTPool

### Object type

CICS Resource

### Length

32

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0097

### CICS Commands subject to CICS Security

INQUIRE CFDTPOOL

Table 64. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 65. CFDTPOOL resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
NAME-1	CHAR	CPSM			8	DIFF	Pool name	16
CONNSTATUS	CVDAS	INQ			4	LIKE	Connection status	24
CONNSTATUS Output valid values	<ul style="list-style-type: none"><li>CONNECTED</li><li>NOTCONNECTED</li><li>UNAVAILABLE</li></ul>							





## Chapter 26. CICSDSA Resource Table

A CICS Resource that describes a named dynamic storage area in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSDynamicStorageArea

**Object type**

CICS Resource

**Length**

312

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0002

**Security Class**

OPERATE.REGION

**CICS Commands subject to CICS Security**

EXTRACT STATISTICS

Table 66. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

Table 67. CICSDSA FEEDBACK error codes		
Value	Code	Description
2	CICSDSA_REC_NOT_FOUND	Requested resource not found
3	CICSGCDSA_NOT_SETTABLE	MEMLIMIT for GCDSA, GUDSA or GSDSA is unmodifiable

Table 68. CICSDSA resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Inval id	Set Inval id	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
NAME-1	CHAR	STAT	SMSBODY	SMSDSANAME	8	DIFF	No	Dynamic storage area (DSA)			16
ACCESSTYPE	EYUDA	STAT			4	LIKE	No	Storage key			124
ACCESSTYPE Output valid values	<ul style="list-style-type: none"> <li>• CICS</li> <li>• USER</li> <li>• READONLY</li> <li>• TRUSTED</li> </ul>										
ASACTIVE	BINARY	STAT	MSGLOBAL	SMSASACTIVE	8	AVG	No	Current address space storage that is addressable	E640		264
ASUBTOTL	BINARY	STAT	SMSBODY	SMSASR	4	AVG	No	Number of Add Subpool requests			52
ATBCUSHLIMIT	BINARY	STAT	MSGLOBAL	SMSATBCUSHLIMIT	8	AVG	No	Cushion limit	E640		304
ATBCUSHRELS	BINARY	STAT	SMSBODY	ISTG_ATBCUSHRELS	8	AVG	No	Number of GCDSA, GUDSA or GSDSA cushion releases	E640		296
CUMCMNSSUSRS	BINARY	STAT	SMSBODY	ISTG_CSSCUM	4	AVG	No	Cumulative number of common subspace users			196
CUMUNQSSUSRS	BINARY	STAT	SMSBODY	ISTG_USSCUM	4	AVG	No	Cumulative number of unique subspace users			184
CURCMNSSUSRS	BINARY	STAT	SMSBODY	ISTG_CSSCUR	4	AVG	No	Current number of common subspace users			192
CURRALLOC	BINARY	STAT	SMSBODY	ISTG_EDSAALLC	8	AVG	No	Current DSA allocation			204
CURUNQSSUSRS	BINARY	STAT	SMSBODY	ISTG_USSCUR	4	AVG	No	Current tasks allocated a unique subspace			180
CUSHION	BINARY	INQ	SMSBODY	SMSCSIZE	8	AVG	Yes	Cushion size		E410 +	32
DSUBTOTL	BINARY	STAT	SMSBODY	SMSDSR	4	AVG	No	Number of Delete Subpool requests			56
EXTENTSADDED	BINARY	STAT	SMSBODY	SMSEXTSA	4	AVG	No	Number of extents added to DSA			224
EXTENTSCURR	BINARY	STAT	SMSBODY	SMSEXTS	4	AVG	No	Number of extents allocated to DSA			220
EXTENTSDELTD	BINARY	STAT	SMSBODY	SMSEXTSR	4	AVG	No	Number of extents deleted from page pool			228
FREMTOTL	BINARY	STAT	SMSBODY	SMSFMREQ	4	AVG	No	Number of FREEMAIN requests			48
GDSAACTIVE	BINARY	STAT	MSGLOBAL	MSGDSSAACTIVE	8	AVG	No	The current GDSA active	E640		280
GETMTOTL	BINARY	STAT	SMSBODY	MSGMREQ	4	AVG	No	Number of GETMAIN requests			44
GETSTOR SIZE	BINARY	STAT	MSGLOBAL	MSGGETSTOR SIZE	8	AVG	No	The GETSTOR request size	E640		256
HWMALLOC	BINARY	STAT	SMSBODY	ISTG_EDSAHWM	8	MAX	No	Peak DSA allocation			212

Table 68. CICSDSA resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Inval id	Set Inval id	Offset
HWMASACTIVE	BINARY	STAT	SMSGLOBAL	SMSHWMASACTIVE	8	AVG	No	The HWM address space that can be addressed	E640		272
HWMCMNSSUSRS	BINARY	STAT	SMSBODY	ISTG_CSSHWM	4	MAX	No	Peak number of common subspace users			200
HWMFREE	BINARY	CPSM	SMSBODY	SMSHWMFSTG	8	MAX	No	Peak amount of free storage available			164
HWMGDSAACTIV	BINARY	STAT			8	AVG	No	The peak GDSA active	E640		288
HWMUNQSSUSRS	BINARY	STAT	SMSBODY	ISTG_USSHWM	4	MAX	No	Peak number of unique subspace users			188
LIMIT	BINARY	STAT	SMSBODY	ISTG_EDSALIMIT	8	AVG	Yes	Limit of storage for DSAs			136
LOCATION	EYUDA	STAT	SMSBODY	SMSLOCN	4	LIKE	No	Dynamic storage area (DSA) location			120
LOCATION Output valid values	<ul style="list-style-type: none"> <li>• ABOVE</li> <li>• BELOW</li> <li>• ABOVEBAR</li> </ul>										
LWMFREE	BINARY	CPSM	SMSBODY	SMSLWMFSTG	8	MIN	No	Smallest amount of free storage available			172
MEMLIMIT	CNUMERIC	STAT	SMSGLOBAL	SMSMEMLIMIT	8	AVG	No	Maximum amount of above the bar storage	E640		248
NSTGCURR	BINARY	STAT	SMSBODY	SMSCSS	4	SUM	No	Number of current suspended storage requests			68
NSTGTOTL	BINARY	STAT	SMSBODY	SMSCRISS	4	AVG	No	Number of times NOSTORAGE returned			60
PCTFREE	PERCENT	CPSM			4	AVG	No	Percentage of available total storage			148
PGMONIU	BINARY	STAT			4	AVG	No	Storage occupied by not-in-use programs			40
POOLPCTFREE	PERCENT	CPSM			4	AVG	No	Percentage of available pool storage			144
REQSWAITMVS	BINARY	STAT	SMSBODY	ISTG_REQSCAUSINGWAIT	4	AVG	No	Number of requests for MVS storage causing wait			240
RNTPGPROTECT	CVDAS	STAT	SMSBODY	ISTG_RENTPGM	4	LIKE	No	Reentrant program protection status			156
RNTPGPROTECT Output valid values	<ul style="list-style-type: none"> <li>• REENTPROT</li> <li>• NOREENTPROT</li> </ul>										
SIZE	BINARY	INQ	SMSBODY	SMSDSASZ	8	AVG	No	Subpool size			24
STGCRELC	BINARY	STAT	SMSBODY	SMSCREL	4	AVG	No	Number of times cushion released			80
STGFSIZE	BINARY	STAT	SMSBODY	SMSFSTG	8	AVG	No	Free storage size			100
STGHWM	BINARY	STAT	SMSBODY	SMSHWMDSASZ	8	MAX	No	Peak size of DSA			128
STGLSIZE	BINARY	STAT	SMSBODY	SMSLFA	8	AVG	No	Largest free area size			108
STGNSUBP	BINARY	STAT	SMSBODY	SMSCSUBP	4	AVG	No	Number of current subpools			96
STGPROTECT	CVDAS	STAT	SMSBODY	ISTG_STGPROT	4	LIKE	No	Storage protection status			152

Table 68. CICSDSA resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Set	Description	Get Inval id	Set Inval id	Offs et
STGPROTECT Output valid values	<ul style="list-style-type: none"> <li>ACTIVE</li> <li>INACTIVE</li> </ul>										
STGPWCNT	BINARY	STAT	SMSBODY	SMSPWWS	4	AVG	No	Number of tasks purged while waiting			76
STGSHWM	BINARY	STAT	SMSBODY	SMSHWMSS	4	AVG	No	Peak number of suspended storage requests			72
STGSOSC	BINARY	STAT	SMSBODY	SMSSOS	4	SUM	No	Short on storage count			84
STGSOST	INTTSTP	STAT	SMSBODY	SMSTSOS	8	MAX	No	Total time CICS was short on storage			88
STGSTOTL	BINARY	STAT	SMSBODY	SMSUCSS	4	AVG	No	Number of times requests were suspended			64
STGVTOTL	BINARY	STAT	SMSBODY	SMSSV	4	SUM	No	Number of storage violations			116
TIMEWAITMVS	INTTSTP	STAT	SMSBODY	ISTG_TIMEWA ITMVS	8	AVG	No	Total time waiting for MVS storage			232
TRNISOLATION	CVDAS	STAT	SMSBODY	ISTG_TRANISO	4	LIKE	No	Transaction isolation status			160
TRNISOLATION Output valid values	<ul style="list-style-type: none"> <li>ACTIVE</li> <li>INACTIVE</li> </ul>										

## Chapter 27. CICSPAGP Resource Table

A CICS Resource that describes CICS page (DSA) pools in an active system being managed by CICSplex SM>.

The **Primary** key field for this resource class is SMSDSANAME.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSPagePool

### Object type

CICS Resource

### Length

312

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0130

### CICS Commands subject to CICS Security

INQUIRE SYSTEM

Table 69. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 70. CICSPAGP resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>SMSDSANAME-1</b>	CHAR	STAT	R64BODY	R64DSANAME	8	DIFF	Name of DSA in which the page pool is located	16
AVGTIMESOS	INTTSTP	CPSM			8	AVG	Average time spent short-on-storage (SOS)	264
GMNOTSATIMM	BINARY	CPSM			8	AVG	Total of non-immediate GETMAIN requests	232
LPCTFREE	PERCENT3	CPSM			4	AVG	Lowest size of free storage as percentage of total	212
PCTCREL2GM	PERCENT3	CPSM			4	AVG	Percentage of cushion releases	248

Table 70. CICS PAGP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
PCTFREE	PERCENT3	CPSM			4	AVG	Size of free storage as percentage of total	204
PCTGMNOT2RQ	PERCENT3	CPSM			4	AVG	Percentage of GETMAIN requests failing	240
PCTGMPURGED	PERCENT3	CPSM			4	AVG	Percentage of GETMAIN requests purged	244
PCTLFA2DSA	PERCENT3	CPSM			4	AVG	Size of largest free area as percentage of DSA	296
PCTSTGDSA	PERCENT3	CPSM			4	AVG	Percentage of DSA storage above/below 16MB	196
PPCTFREE	PERCENT3	CPSM			4	AVG	Peak size of free storage as percentage of total	208
PPCTSTGDSA	PERCENT3	CPSM			4	AVG	Peak DSA storage as percentage of total peak	200
RATECREL	RATE3	CPSM			8	AVG	Rate of cushion releases	256
RATEEXTSA	RATE3	CPSM			8	AVG	Rate of extent increase	280
RATEEXTSR	RATE3	CPSM			8	AVG	Rate of releasing extents	288
RATEFM	RATE3	CPSM			8	AVG	Rate of FREEMAIN requests	224
RATEGM	RATE3	CPSM			8	AVG	Rate of GETMAIN requests	216
RATESTORVIOL	RATE3	CPSM			8	AVG	Rate of storage violations	272
SMSACCESS	EYUDA	STAT	R64BODY	R64ACCESS	4	LIKE	Type of access of DSA	92
SMSACCESS Output valid values	<ul style="list-style-type: none"> <li>• NOTAPPLIC</li> <li>• CICS</li> <li>• USER</li> <li>• READONLY</li> <li>• TRUSTED</li> </ul>							
SMSASR	BINARY	STAT	R64BODY	R64ASR	4	AVG	Number of ADD_SUBPOOL requests	116
SMSCREL	BINARY	STAT	R64BODY	R64CREL	4	AVG	Number of cushion releases	140
SMSCRISS	BINARY	STAT	R64BODY	R64CRISS	4	AVG	Number of requests returning no storage	124
SMSCSIZE	BINARY	STAT	R64BODY	R64CSIZE	4	AVG	Current cushion size	104
SMSCSSCUM	BINARY	STAT	R64GLOBAL	R64CSSCUM	4	AVG	Total number of common subspace users	56
SMSCSSCUR	BINARY	STAT	R64GLOBAL	R64CSSCUR	4	AVG	Current number of common subspace users	52
SMSCSSHWM	BINARY	STAT	R64GLOBAL	R64CSSHWM	4	AVG	Peak number of common subspace users	60
SMSCSUBP	BINARY	STAT	R64BODY	R64CSUBP	4	AVG	Current number of subpools	160
SMSDSABYTES	BINARY	STAT			8	AVG	Current size of DSA in bytes	300
SMSDSALIMIT	BINARY	STAT	R64GLOBAL	R64DSALIMIT	4	AVG	Current DSA limit	64
SMSDSASZ	BINARY	STAT	R64BODY	R64DSASZ	4	AVG	Current size of DSA	96
SMSDSATOTAL	BINARY	STAT	R64GLOBAL	R64DSATOTAL	4	AVG	Current DSA total	72
SMSDSR	BINARY	STAT	R64BODY	R64DSR	4	AVG	Number of DELETE_SUBPOOL requests	120
SMSEDSALIMIT	BINARY	STAT	R64GLOBAL	R64EDSALIMIT	4	AVG	Current EDSA limit	68
SMSEDSATOTAL	BINARY	STAT	R64GLOBAL	R64EDSATOTAL	4	AVG	Current EDSA total	76
SMSEXTS	BINARY	STAT	R64BODY	R64EXTS	4	AVG	Current number of extents	184
SMSEXTSA	BINARY	STAT	R64BODY	R64EXTSA	4	AVG	Number of extents added	188

Table 70. CICSPAGP resource table attributes (continued)								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
SMSEXTSR	BINARY	STAT	R64BODY	R64EXTSR	4	AVG	Number of extents released	192
SMSFMREQ	BINARY	STAT	R64BODY	R64FMREQ	4	AVG	Number of FREEMAIN requests	112
SMSFSTG	BINARY	STAT	R64BODY	R64FSTG	4	AVG	Size of free storage including cushion	164
SMSGMREQ	BINARY	STAT	R64BODY	R64GMREQ	4	AVG	Number of GETMAIN requests	108
SMSHWMDASZ	BINARY	STAT	R64BODY	R64HWMDASZ	4	AVG	Peak DSA size	100
SMSHWMDSATOT	BINARY	STAT	R64GLOBAL	R64HWMDSATOTAL	4	AVG	Peak storage allocated to DSAs	80
SMSHWMEDSATO	BINARY	STAT	R64GLOBAL	R64HWMEDSATOTAL	4	AVG	Peak storage allocated to EDSAs	84
SMSHWMFSTG	BINARY	STAT	R64BODY	R64HWMFSTG	4	AVG	Peak size of free storage	168
SMSHWMSS	BINARY	STAT	R64BODY	R64HWMSS	4	AVG	Peak number of requests suspended	132
SMSLFA	BINARY	STAT	R64BODY	R64LFA	4	AVG	Largest free area in DSA	176
SMSLOCN	EYUDA	STAT	R64BODY	R64LOCN	4	LIKE	Location above/below 16M or above the bar	88
SMSLOCN Output valid values	<ul style="list-style-type: none"> <li>• ABOVE</li> <li>• BELOW</li> <li>• ABOVEBAR</li> </ul>							
SMSLWMFSTG	BINARY	STAT	R64BODY	R64LWMFSTG	4	AVG	Smallest size of free storage	172
SMSNPAGP	BINARY	STAT	R64GLOBAL	R64NPAGP	2	AVG	Number of page pools	24
SMSPWWS	BINARY	STAT	R64BODY	R64PWWS	4	AVG	Number of tasks purged waiting storage	136
SMSRENTPGM	EYUDA	STAT	R64GLOBAL	R64RENTPGM	4	LIKE	Reentrant program protection status	32
SMSRENTPGM Output valid values	<ul style="list-style-type: none"> <li>• REENTPROT</li> <li>• NOREENTPROT</li> </ul>							
SMSSOS	BINARY	STAT	R64BODY	R64SOS	4	AVG	Number of times short-on-storage (SOS) occurred	144
SMSSTGPROT	EYUDA	STAT	R64GLOBAL	R64STGPROT	4	LIKE	Storage protection status	28
SMSSTGPROT Output valid values	<ul style="list-style-type: none"> <li>• ACTIVE</li> <li>• INACTIVE</li> </ul>							
SMSSV	BINARY	STAT	R64BODY	R64SV	4	AVG	Number of storage violations	180
SMSTRANISO	EYUDA	STAT	R64GLOBAL	R64TRANISO	4	LIKE	Transaction isolation status	36
SMSTRANISO Output valid values	<ul style="list-style-type: none"> <li>• ACTIVE</li> <li>• INACTIVE</li> </ul>							
SMSTSOS	INTTSTP	STAT	R64BODY	R64TSOS	8	AVG	Total time spent short-on-storage (SOS)	152
SMSUCSS	BINARY	STAT	R64BODY	R64UCSS	4	AVG	Number of conditional requests suspended	128
SMSUSSCUM	BINARY	STAT	R64GLOBAL	R64USSCUM	4	AVG	Total of unique subspace users	44
SMSUSSCUR	BINARY	STAT	R64GLOBAL	R64USSCUR	4	AVG	Current number of unique subspace users	40
SMSUSSHWM	BINARY	STAT	R64GLOBAL	R64USSHWM	4	AVG	Peak number of unique subspace users	48





## Chapter 28. CICSplex Resource Table

A CPSM Communications Manager object that describes a CICSplex being managed by a CMAS. CICSplex instances can be accessed only when you are connected to the CMAS that is the CICSplex Maintenance Point.

The **Primary** key field for this resource class is PLEXNAME.

The **Secondary** key field for this resource class is CMASNAME.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSCICSplex

### Object type

CICSplex SM Manager

### Length

56

### Usage

API, WUI, CICS Management Client Interface(CMCI)

### API view

No

### CMAS context

Yes

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2449

### Security Class

CONFIG.DEF

Table 71. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 72. CICSplex resource table attributes								
Name	Datatype	Source	Len	Sum	Description	Default	Value Range	Offset
PLEXNAME-1	CHAR	CPSM	8	DIFF	CICSplex			0
CMASNAME-2	CHAR	CPSM	8	DIFF	CMAS			8
ACCESSTYPE	EYUDA	CPSM	4	LIKE	Type of access from this CMAS to local CMAS			28
ACCESSTYPE Output valid values	<ul style="list-style-type: none"><li>N_A</li><li>LOCAL</li><li>ADJACENT</li><li>INDIRECT</li></ul>							
BOTRSUPD	BINARY	CPSM	1	DIFF	RS server bottom tier	1	1-25	46

Table 72. CICSplex resource table attributes (continued)								
Name	Datatype	Source	Len	Sum	Description	Default	Value Range	Offset
MPSTATUS	EYUDA	CPSM	4	LIKE	CMAS maintenance point status			32
MPSTATUS Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>							
READRS	BINARY	CPSM	2	DIFF	RS server read interval	200	0-2000	42
RSPoolID	CHAR	CPSM	8	DIFF	RS server pool name	DFHRSTAT		47
STATUS	EYUDA	CPSM	4	LIKE	CMAS status			24
STATUS Output valid values	<ul style="list-style-type: none"> <li>• N_A</li> <li>• INACTIVE</li> <li>• ACTIVE</li> <li>• LOSTCON</li> <li>• CREATING</li> </ul>							
SYSID	CHAR	CPSM	4	DIFF	CMAS system ID			38
TOPRSUPD	BINARY	CPSM	1	DIFF	RS server top tier	5	1-25	45
TRANSITCMAS	CHAR	CPSM	8	DIFF	First transit CMAS			16
TRANSITCNT	BINARY	CPSM	2	AVG	The number of transit CMASs for indirect access			36
UPDATERS	BINARY	CPSM	1	DIFF	RS server update frequency	15	0-25	44

---

## Chapter 29. CICSRegion Resource Table

This CICS resource describes an active CICS region being managed by CICSplex SM.

The CICSRegion resource class does not provide an explicit key attribute. The set of object instances returned is a function of the current scope in effect when the request is made.

The following actions are supported:

### ARMRESTART

Request an MVS™ CANCEL of the CICS system with an ARM restart. Note that this action completes successfully even if the MVS CANCEL command fails. The user ID associated with the CMAS (not the API user) must have the appropriate security access to issue the MVS CANCEL command successfully.

### DELETESHIPPED

Control the removal of redundant shipped terminal definitions.

### RESETTIME

Reset the internal CICS clock.

### SECUREBUILD

Rebuild the ESM security profiles.

### SHUTDOWN

Shut down the CICS system.

The parameter data for the SHUTDOWN action is as follows:

```
PARM(' [NORMAL | IMMEDIATE | TAKEOVER] [DUMP] [NORESTART] [RESTART]
      [PLT(plt)] [XLT(xlt)] [SDTRAN(tranid) | NOSDTRAN].')
```

where:

plt     = 2-character DFHPLT suffix.  
xlt     = 2-character DFHXLT suffix.  
tranid = 1-to 8-character shutdown transaction ID.

### SNAP

Request a system dump.

The parameter data for the SNAP action is:

```
PARM(' DUMPCODE(code) [CALLER(caller)] [TITLE(title)].')
```

where:

code    = (Required) 1- to 8-character dump code.  
caller   = Caller text.  
title    = Title text.

### SSLREBUILD

Rebuild the z/OS SSL environment.

### SWITCH

Switch auxiliary tracing from one data set to the other.

### External resource name(CMCI)

CICSRegion

### Object type

CICS Resource

### Length

1096

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0001

**Security Class**

OPERATE.REGION

**CICS Commands subject to CICS Security**

EXTRACT STATISTICS

INQUIRE AUTOINSTALL

INQUIRE DISPATCHER

INQUIRE DUMPDS

INQUIRE MONITOR

INQUIRE STATISTICS

INQUIRE SYSTEM

INQUIRE TRACEDEST

INQUIRE TRACEFLAG

INQUIRE VTAM

Table 73. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	SHUTDOWN	DUMP	No
		IMMEDIATE	No
		NORESTART	No
		NORMAL	No
		NOSDTRAN	No
		PLT(value)	No
		RESTART	No
		SDTRAN(value)	No
		TAKEOVER	No
		XLT(value)	No
	SNAP	CALLER(value)	No
		DUMPCODE(value)	Yes
		TITLE(value)	No

Table 73. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	SWITCH	None	N/A
	RESETTIME	None	N/A
	SECREBUILD	None	N/A
	DELETSHIPED	None	N/A
	STATISTICS	ALL	No
		ATOMSERVICE	No
		AUTOINSTALL	No
		BEAN	No
		BUNDLE	No
		CAPTURESPEC	No
		CONNECTION	No
		CORBASERVER	No
		DB2	No
		DISPATCHER	No
		DOCTEMP	No
		DTBACKOUT	No
		ENQUEUE	No
		EVENTBINDING	No
		EVENTPROCESS	No
		FEPI	No
		FILE	No
		IPCONN	No
		IRCBATCH	No
		JOURNAL	No
		JRNNAME	No
		JVMPPOOL	No
		JVMPROFILE	No
		JVMPROGRAM	No
		JVMSERVER	No
		LIBRARY	No
		LSRPOOL	No
		MONITOR	No
		MQCONN	No
		MQMON	No
		PIPELINE	No
		PROGAUTOINS	No

Table 73. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		PROGRAM	No
		PROGRAMDEF	No
		RECOVERY	No
		REQUESTMODEL	No
		RESETNOW	No
		STATISTICS	No
		STORAGE	No
		STREAMNAME	No
		SYSDUMP	No
		TABLEMGR	No
		TASKCONTROL	No
		TCPIP	No
		TCPIPSERVICE	No
		TEMPSTOR	No
		TERMINAL	No
		TRANCLASS	No
		TRANDATA	No
		TRANDUMP	No
		TRANSACTION	No
		URIMAP	No
		VTAM	No
		WEBSERVICE	No
		XMLTRANSFORM	No
	ARMRESTART	None	N/A
	SSLREBUILD	None	N/A

Table 74. CICS RGN FEEDBACK error codes

Value	Code	Description
12	CICSRGN_INV_CONTEXT	Context not found
21	CICSRGN_ACTNOT_SUPPORTED	Action not supported
22	CICSRGN_RESOURCE_REQUIRED	Resource required
23	CICSRGN_SYSTEM_NOT_ACTIVE	System not active
24	CICSRGN_ARM_NOT_AVAIL OPSYS	ARM invalid for Operating System
25	CICSRGN_ARM_NOT_AVAIL CICSREL	ARM invalid for CICS Release
26	CICSRGN_ARM_NOT_REGISTERED	Not registered for ARM
27	CICSRGN_ARM_NOT_ACTIVE	ARM restart unavailable - ARM not active on system

Table 74. CICS RGN FEEDBACK error codes (continued)

Value	Code	Description
28	CICSRGN_ARM_POLICY_CHECK	Current ARM policy prohibits ARM restart of this MAS
29	CICSRGN_ALL_REQUIRED	Collect all statistics required
30	CICSRGN_INVALID_DUMP CODE	Invalid dumpcode
31	CICSRGN_ARM_NOT_IN_SMSS	ARMRESTART not available in an SMSS

Table 75. CICS RGN resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF	No	CICS System Name				0
EYU_CICSREL	CHAR	CPSM			4	DIF	No	CICS Release				8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved				12
ACTHPTCBS	BINARY	INQ			4	AVG	No	Number of currently allocated HP pool TCBs		E640+		896
ACTJVMTCBS	BINARY	INQ	DISPATCHER	ACTJVMTCBS	4	AVG	No	Number of currently allocated JVM pool TCBs		E680+		904
ACTOPENTCBS	BINARY	INQ	SYSTEM	ACTOPENTCBS	4	AVG	No	Number of currently allocated Open pool TCBs				860
ACTSSLTCBS	BINARY	INQ	DISPATCHER	ACTSSLTCBS	4	AVG	No	Number of currently allocated SSL pool TCBs				928
ACTTHRDTCBS	BINARY	STAT			4	AVG	No	Number of currently allocated JVM server thread TCBs		E640		984
ACTXPTCBS	BINARY	INQ	DISPATCHER	ACTXPTCBS	4	AVG	No	Number of currently allocated XPLink pool TCBs				920
AIDCOUNT	BINARY	INQ			4	MAX	No	Number of AIDs		E640 E650 E660 E670 E680 E690 E700 E710		1060
AINSCREQ	BINARY	INQ	AUTOINSTALL	CURREQS	4	AVG	No	Number of current autoinstall requests				120
AINSMREQ	BINARY	INQ	AUTOINSTALL	MAXREQS	4	AVG	Yes	Maximum number of autoinstall requests				124
AINSPROG	CHAR	INQ			8	DIF	Yes	Autoinstall program name				112
AINSSTAT	CVDAS	INQ	AUTOINSTALL	ENABLESTATUS	4	LIKE	No	Autoinstall enabled status				128

Table 75. CICS RGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Offset
AINSSTAT Output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>											
AKP	CNUMERIC	INQ	SYSTEM	AKP	4	MAX	Yes	Activity keypoint (AKP) frequency	50-65535			36
AMAXTASKS	BINARY	INQ			4	AVG	Yes	Maximum number of active tasks		E410+		40
APPLID	CHAR	INQ			8	DIFF	No	VTAM application ID				24
AUXSTATUS	CVDAS	INQ	TRACEDEST	AUXSTATUS	4	LIKE	Yes	Auxiliary trace status				176
AUXSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• AUXSTART</li> <li>• AUXSTOP</li> <li>• AUXPAUSE</li> </ul>											
BMSVALABCNT	BINARY	STAT			4	LIKE	No	Number of BMS 3270 validation errors abended		E640 E650 E660 E670 E680 E690 E700		1048
BMSVALIDATE	CHAR	STAT			4	LIKE	No	BMS 3270 validation		E640 E650 E660 E670 E680 E690 E700		1036
BMSVALIGCNT	BINARY	STAT			4	LIKE	No	Number of BMS 3270 validation errors ignored		E640 E650 E660 E670 E680 E690 E700		1040



Table 75. CICS RGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Offset
BMSVALLGCNT	BINARY	STAT			4	LIKE	No	Number of BMS 3270 validation errors logged		E640 E650 E660 E670 E680 E690 E700		1044
CICSSTATUS	CVDAS	INQ	SYSTEM	CICSSTATUS	4	LIKE	No	CICS status				48
CICSSTATUS Output valid values	<ul style="list-style-type: none"> <li>STARTUP</li> <li>ACTIVE</li> <li>FIRSTQUIESCE</li> <li>FINALQUIESCE</li> <li>CONTROLSHUT</li> <li>SHUTDOWN</li> <li>CANCELLED</li> <li>FIRSTINIT</li> <li>SECONDINIT</li> <li>THIRDINIT</li> <li>INITCOMPLETE</li> </ul>											
CICSSYS	CHAR	INQ	SYSTEM	CICSSYS	1	DIF	No	CICS operating system ID				87
CMDPROTECT	CVDAS	INQ	SYSTEM	CMDPROTECT	4	LIKE	No	Command protection status				792
CMDPROTECT Output valid values	<ul style="list-style-type: none"> <li>CMDPROT</li> <li>NOCMDPROT</li> </ul>											
COLDSTATUS	CVDAS	INQ	SYSTEM	COLDSTATUS	4	LIKE	No	Cold start status				888
COLDSTATUS Output valid values	<ul style="list-style-type: none"> <li>COLD</li> <li>INITIAL</li> <li>NOTAPPLIC</li> </ul>											
CONSOLES	CVDAS	INQ	AUTOINSTALL	CONSOLES	4	LIKE	Yes	Autoinstall console status				872
CONSOLES Input/output valid values	<ul style="list-style-type: none"> <li>PROGAUTO</li> <li>FULLAUTO</li> <li>NOAUTO</li> </ul>											
CONVERSEST	CVDAS	INQ	MONITOR	CONVERSEST	4	LIKE	Yes	Separate conversational task performance records				396
CONVERSEST Input/output valid values	<ul style="list-style-type: none"> <li>CONVERSE</li> <li>NOCONVERSE</li> </ul>											
CPUTIME	INTUSEC	CPSM			8	MAX	No	Total CPU time used				320
CTSLEVEL	CHAR	INQ	SYSTEM	CICSTSLEVEL	6	DIF	No	CICS Transaction Server level				828
CURACTVUSRTR	BINARY	STAT	DFHXMGRS	XMGCAT	4	AVG	No	Current number of active user transactions				460

Table 75. CICS RGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Offset
CURAUXDS	CHAR	INQ	TRACEDEST	CURAUXDS	1	DIF	No	Current auxiliary trace dataset				364
CURQUEDUSRTR	BINARY	STAT	DFHXMGRS	XMGCQT	4	AVG	No	Current number of queued user transactions				464
CURQUETIME	INTTSTP	STAT	DFHXMGRS	XMGCQTME	8	MAX	No	Time currently queued transactions waiting				496
CURRAMAX	BINARY	STAT			2	AVG	No	Current number of user tasks eligible for dispatch		E410+		218
CURRENTDDS	CHAR	INQ	DUMPDS	CURRENTDDS	1	DIF	No	Current dump data set				362
CURRTASKS	BINARY	INQ			4	AVG	No	Current number of tasks				452
CUTCBCNT	BINARY	STAT			2	AVG	No	Number of MVS task control blocks (TCBs)		E410+		222
DDSOSTAT	CVDAS	INQ			4	LIKE	Yes	Dump data set open status				132
DDSOSTAT Input/output valid values	<ul style="list-style-type: none"> <li>OPEN</li> <li>CLOSED</li> </ul>											
DDSOSTAT Input valid values	<ul style="list-style-type: none"> <li>SWITCH</li> </ul>											
DDSSSTAT	CVDAS	INQ			4	LIKE	Yes	Dump data set switch type				136
DDSSSTAT Input/output valid values	<ul style="list-style-type: none"> <li>SWITCHALL</li> <li>SWITCHNEXT</li> <li>NOSWITCH</li> </ul>											
DEBUGTOOL	CVDAS	INQ	SYSTEM	DEBUGTOOL	4	LIKE	Yes	Debugging profiles status				912
DEBUGTOOL Input/output valid values	<ul style="list-style-type: none"> <li>DEBUG</li> <li>NODEBUG</li> </ul>											
DFLTREMSYS	CHAR	INQ			4	DIF	Yes	Default remote system		E330+		812
DFLTUSER	CHAR	INQ	SYSTEM	DFLTUSER	8	DIF	No	Default user ID				416
DSIDLE	DECTIME	INQ			4	MAX	Yes	Minimum terminal idle-time before deletion				820
DSINTERVAL	DECTIME	INQ			4	MAX	Yes	Idle terminal check interval				824
DSRTPROGRAM	CHAR	INQ	SYSTEM	DSRTPROGRAM	8	DIF	Yes	Distributed routing program				864
DTRPROGRAM	CHAR	INQ	SYSTEM	DTRPROGRAM	8	DIF	Yes	Dynamic routing program name				68
ENDOFDAY	DECTIME	INQ	STATISTICS	ENDOFDAY	4	AVG	Yes	Statistics end-of-day time				160
EVENTCLASS	CVDAS	INQ			4	LIKE	Yes	SYSEVENT monitoring status		E620+		144
EVENTCLASS Input/output valid values	<ul style="list-style-type: none"> <li>EVENT</li> <li>NOEVENT</li> </ul>											
EXCEPTCLASS	CVDAS	INQ	MONITOR	EXCEPTCLASS	4	LIKE	Yes	Exception class monitoring status				148

Table 75. CICS RGN resource table attributes (continued)												
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Offset
EXCEPTCLASS Input/output valid values	<ul style="list-style-type: none"> <li>EXCEPT</li> <li>NOEXCEPT</li> </ul>											
EXITTIME	BINARY	INQ	SYSTEM	TIME	4	AVG	Yes	Exit wait time				104
EXTSEC	CVDAS	INQ	SYSTEM	SECURITYMG R	4	LIKE	No	External security status				56
EXTSEC Output valid values	<ul style="list-style-type: none"> <li>EXTSECURITY</li> <li>CICSSECURITY</li> <li>NOSECURITY</li> </ul>											
FORCEQR	CVDAS	INQ	SYSTEM	FORCEQR	4	LIKE	Yes	Force quasi-reentrancy				852
FORCEQR Input/output valid values	<ul style="list-style-type: none"> <li>FORCE</li> <li>NOFORCE</li> </ul>											
FREQUENCY	DECTIME	INQ	MONITOR	FREQUENCY	4	AVG	Yes	Performance record interval				400
GARBAGEINT	BINARY	INQ			4	AVG	Yes	Web domain garbage collection interval				880
GMMLength	BINARY	INQ	SYSTEM	GMMLength	2	AVG	No	Good morning message length				774
GMMTEXT	CHAR	INQ	SYSTEM	GMMTEXT	246	DIF	Yes	Good morning message				528
GMMTRANID	CHAR	INQ	SYSTEM	GMMTRANID	4	DIF	No	Good morning transaction ID				76
GRNAME	CHAR	INQ	VTAM	GRNAME	8	DIF	No	CICS registered generic name				776
GRSTATUS	CVDAS	INQ			4	LIKE	Yes	Generic resource registration status				784
GRSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>DEREGISTERED</li> <li>NOTAPPLIC</li> </ul>											
GRSTATUS Output valid values	<ul style="list-style-type: none"> <li>REGISTERED</li> <li>UNREGISTERED</li> <li>UNAVAILABLE</li> <li>REGERROR</li> <li>DEREGERROR</li> </ul>											
GTFSTATUS	CVDAS	INQ	TRACEDEST	GTFSTATUS	4	LIKE	Yes	Generalized Tracing Facility (GTF) trace status				180
GTFSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>GTFSTART</li> <li>GTFSTOP</li> </ul>											
IDNTYCLASS	CVDAS	INQ	MONITOR	IDNTYCLASS	4	LIKE	Yes	Identity class status		E640 E650	E640 E650	980
IDNTYCLASS Input/output valid values	<ul style="list-style-type: none"> <li>NOIDNTY</li> <li>IDNTY</li> </ul>											
INITIALDDS	CHAR	INQ			1	DIF	Yes	Initial dump data set				363
INITSTATUS	CVDAS	INQ	SYSTEM	INITSTATUS	4	LIKE	No	Initialization status				516

Table 75. CICS RGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Inval id	Set Inval id	Offset
INITSTATUS Output valid values	<ul style="list-style-type: none"> <li>FIRSTINIT</li> <li>SECONDINIT</li> <li>THIRDINIT</li> <li>INITCOMPLETE</li> </ul>											
INTERVAL	DECTIME	INQ	STATISTICS	INTERVAL	4	AVG	Yes	Statistics recording interval				164
INTSTATUS	CVDAS	INQ	TRACEDEST	INTSTATUS	4	LIKE	Yes	Internal trace status				184
INTSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>INTSTART</li> <li>INTSTOP</li> </ul>											
INTVTRANS	BINARY	STAT	DFHXMGRS	XMGNUM	4	AVG	No	Transactions run since last CICS statistics reset				524
IRCSTAT	CVDAS	INQ			4	LIKE	Yes	Interregion communication (IRC) status				140
IRCSTAT Input/output valid values	<ul style="list-style-type: none"> <li>OPEN</li> <li>CLOSED</li> </ul>											
IRCSTAT Input valid values	<ul style="list-style-type: none"> <li>IMMCLOSE</li> </ul>											
IRCSTAT Output valid values	<ul style="list-style-type: none"> <li>CLOSING</li> <li>IMMCLOSING</li> </ul>											
JOBID	CHAR	CPSM			8	DIF	No	MVS job ID				992
JOBNAME	CHAR	INQ	SYSTEM	JOBNAME	8	DIF	No	MVS job name				16
LASTCOLDTIME	DATETIME	INQ	SYSTEM	LASTCOLDTIME	8	MAX	No	Last COLD start time		E640 E650 E660 E670 E680 E690 E700 E710		1064
LASTEMERTIME	DATETIME	INQ	SYSTEM	LASTEMERTIME	8	MAX	No	Last EMERGENCY start time		E640 E650 E660 E670 E680 E690 E700 E710		1072

Table 75. CICS RGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Offset
LASTINITTIME	DATETIME	INQ	SYSTEM	LASTINITTIME	8	MAX	No	Last INITIAL start time		E640 E650 E660 E670 E680 E690 E700 E710		1080
LASTRESET	BINARY	STAT			8	AVG	No	Last statistics reset time		E410+		224
LASTWARMTIME	DATETIME	INQ	SYSTEM	LASTWARMTIME	8	MAX	No	The time of the last warm start of the region that occurred since the last initial start.		E640 E650 E660 E670 E680 E690 E700 E710		1088
LDGLBSOU	BINARY	STAT	LDGGLOBAL	LDGLBSOU	4	AVG	No	LIBRARY search order updates		E640		964
LDGLSORT	BINARY	STAT	LDGGLOBAL	LDGLSORT	4	AVG	No	LIBRARY search order update time		E640		972
LDGLWSOU	BINARY	STAT	LDGGLOBAL	LDGLWSOU	4	AVG	No	Load requests waited due to search order update		E640		968
LOADHWMC	BINARY	STAT	LDGGLOBAL	LDGHWMT	4	AVG	No	Number of times maximum suspended tasks reached				256
LOADHWMW	BINARY	STAT	LDGGLOBAL	LDGWLRLHW	4	AVG	No	Peak number of tasks waiting for load requests				252
LOADPNIU	BINARY	STAT			4	AVG	No	Number of programs on not-in-use queue				280
LOADREQS	BINARY	STAT	LDGGLOBAL	LDGLLR	4	AVG	No	Number of load requests				232
LOADRNIU	BINARY	STAT			4	AVG	No	Number of reclaims from not-in-use queue				284
LOADTIME	INT16US	STAT	LDGGLOBAL	LDGLLT	4	MAX	No	Total loading time				236
LOADTNIU	INTTSTP	STAT			8	MAX	No	Total time to remove not-in-use programs				272
LOADWAIT	INT16US	STAT	LDGGLOBAL	LDGTTW	4	MAX	No	Total load waiting time				260
LOADWCNT	BINARY	STAT	LDGGLOBAL	LDGWTLDR	4	AVG	No	Number of tasks waiting for load requests				248

Table 75. CICS RGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Offset
LUCURR	BINARY	STAT	DFHA03DS	A03LUNUM	4	AVG	No	Number of LUs currently logged on				368
LUHWM	BINARY	STAT	DFHA03DS	A03LUHWM	4	AVG	No	Highest number of LUs logged on at any one time				372
MAXHPTCBS	BINARY	INQ			4	AVG	Yes	Maximum number of HP pool TCBs	1-999	E640+	E640+	892
MAXJVMTCBS	BINARY	INQ			4	AVG	Yes	Maximum number of JVM pool TCBs	1-999	E680+	E680+	900
MAXOPENTCBS	BINARY	INQ	SYSTEM	MAXOPENTCBS	4	AVG	Yes	Maximum number of Open pool TCBs	1-4032		E680	856
MAXSSLTCBS	BINARY	INQ	DISPATCHER	MAXSSLTCBS	4	AVG	Yes	Maximum number of SSL pool TCBs				924
MAXTASKS	BINARY	INQ	SYSTEM	MAXTASKS	4	AVG	Yes	Maximum number of active and suspended tasks				44
MAXTHRDTCBS	BINARY	STAT			4	AVG	No	Maximum number of JVM server thread TCBs.		E640		988
MAXTRCNT	BINARY	STAT	DFHXMGRS	XMGTMAMXT	4	AVG	No	Number of times MAXTASK limit reached				456
MAXXPTCBS	BINARY	INQ	DISPATCHER	MAXXPTCBS	4	AVG	Yes	Maximum number of XPLink pool TCBs	1-999		E680	916
MEMLIMIT	CNUMERIC	INQ	SYSTEM	MEMLIMIT	8	LIKE	No	Maximum amount of above the bar storage		E640		944
MONRPTTIME	CVDAS	INQ			4	LIKE	No	Time zone for performance class records				412
MONRPTTIME Output valid values	<ul style="list-style-type: none"> <li>• GMT</li> <li>• LOCAL</li> </ul>											
MONSTAT	CVDAS	INQ	MONITOR	STATUS	4	LIKE	Yes	Monitor status				156
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• ON</li> <li>• OFF</li> </ul>											
MROBATCH	BINARY	INQ	SYSTEM	MROBATCH	4	AVG	Yes	Number of MRO requests to be batched				80
MVSSYSID	CHAR	CPSM			4	DIFF	No	MVS system ID				32
MVSSYSNAME	CHAR	CPSM			8	DIFF	No	MVS system name				844
NEXTTIME	DECTIME	INQ	STATISTICS	NEXTTIME	4	AVG	No	Next statistics recording time				168
OPREL	BINARY	INQ	SYSTEM	OPREL	2	AVG	No	Operating system release				84
OPSYS	CHAR	INQ	SYSTEM	OPSYS	1	DIFF	No	Operating system				86
OSLEVEL	CHAR	INQ	SYSTEM	OSLEVEL	6	DIFF	No	OS/390 level				834
PAGEIN	BINARY	CPSM			4	AVG	No	Number of page-in requests				328
PAGEOUT	BINARY	CPSM			4	AVG	No	Number of page-out requests				332

Table 75. CICS RGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Offset
PEAKAMAX	BINARY	STAT			2	AVG	No	Peak number of user tasks eligible for dispatch		E410+		220
PEAKTASKS	BINARY	STAT	DFHDSGDS	DSGPNT	2	AVG	No	Peak number of tasks in system				216
PEKACTVUSRTR	BINARY	STAT	DFHXMGDS	XMGPAT	4	AVG	No	Peak number of active user transaction				468
PEKQUEDUSRTR	BINARY	STAT	DFHXMGDS	XMGPQT	4	AVG	No	Peak number of queued user transactions				472
PERFCLASS	CVDAS	INQ	MONITOR	PERFCLASS	4	LIKE	Yes	Performance class monitoring status				152
PERFCLASS Input/output valid values	<ul style="list-style-type: none"> <li>• PERF</li> <li>• NOPERF</li> </ul>											
PLASTRESET	DECTIME	STAT			4	AVG	No	Last reset time				212
PLTPIUSR	CHAR	INQ	SYSTEM	PLTPIUSR	8	DIF	No	PLTPI user ID		E640 E650 E660 E670 E680 E690 E700 E710		1052
PRGMRCMP	BINARY	STAT			4	AVG	No	Number of programs removed by compression				268
PRGMUCNT	BINARY	STAT	LDGGLOBAL	LDGPUSES	4	AVG	No	Number of program uses				240
PRGMWAIT	BINARY	STAT	LDGGLOBAL	LDGWLR	4	AVG	No	Number of waiting loader requests				244
PROGAUTOATTM	BINARY	STAT	DFHPPGDS	PGGATT	4	AVG	No	Number of program autoinstall attempts				504
PROGAUTOCTLG	CVDAS	INQ	SYSTEM	PROGAUTOCTLG	4	LIKE	Yes	Autoinstalled-program catalog type				432
PROGAUTOCTLG Input/output valid values	<ul style="list-style-type: none"> <li>• CTLGALL</li> <li>• CTLGMODIFY</li> <li>• CTLGNONE</li> </ul>											
PROGAUTOEXIT	CHAR	INQ	SYSTEM	PROGAUTOEXIT	8	DIF	Yes	Autoinstall program exit name				424
PROGAUTOFAIL	BINARY	STAT	DFHPPGDS	PGGFAIL	4	AVG	No	Number of failed program autoinstall attempts				512
PROGAUTOINST	CVDAS	INQ	SYSTEM	PROGAUTOINST	4	LIKE	Yes	Status of autoinstall for programs				436
PROGAUTOINST Input/output valid values	<ul style="list-style-type: none"> <li>• AUTOACTIVE</li> <li>• AUTOINACTIVE</li> </ul>											

Table 75. CICS RGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Offset
PROGAUTOXREJ	BINARY	STAT	DFHPGGDS	PGGREJ	4	AVG	No	Number of times autoinstall prog request rejected				508
PRSSERRORCNT	BINARY	STAT	DFHA03DS	A03PSEC	4	AVG	No	Number of persistent sessions already unbound				392
PRSSINQCNT	BINARY	STAT	DFHA03DS	A03PSIC	4	AVG	No	Number of CICS persistent-session inquiries				376
PRSSNIBCNT	BINARY	STAT	DFHA03DS	A03PSNC	4	AVG	No	Number of VTAM sessions that persisted				380
PRSSOPNCNT	BINARY	STAT	DFHA03DS	A03PSOC	4	AVG	No	Number of persistent sessions successfully restored				384
PRSSUNBNCNT	BINARY	STAT	DFHA03DS	A03PSUC	4	AVG	No	Number of persistent sessions that were terminated				388
PRTYAGING	BINARY	INQ	SYSTEM	PRTYAGING	4	AVG	Yes	Priority aging value				88
PSDINTERVAL	DECTIME	INQ	VTAM	PSDINTERVAL	4	AVG	Yes	Persistent session delay interval				448
PSTYPE	CVDAS	INQ	VTAM	PSTYPE	4	LIKE	No	Persistent session type		E640 E650		976
PSTYPE Output valid values	<ul style="list-style-type: none"> <li>• SNPS</li> <li>• MNPS</li> <li>• NOPS</li> </ul>											
RDEBRBLD	BINARY	STAT	LDGGLOBAL	LDGDREBS	4	AVG	No	Number of times LIBRARY reopened and load retried				264
REALSTG	BINARY	CPSM			4	AVG	No	Real storage in use				336
RECORDING	CVDAS	INQ			4	LIKE	Yes	Interval statistics recording status				172
RECORDING Input/output valid values	<ul style="list-style-type: none"> <li>• ON</li> <li>• OFF</li> </ul>											
REENTPROTECT	CVDAS	INQ	SYSTEM	REENTPROTECT	4	LIKE	No	Reentrant program protection status				788
REENTPROTECT Output valid values	<ul style="list-style-type: none"> <li>• REENTPROT</li> <li>• NOREENTPROT</li> </ul>											
REGIONUSERID	CHAR	INQ	SYSTEM	REGIONUSERID	8	DIF	No	Region user ID		E640 E650 E660 E670 E680 E690 E700		1028
RELEASE	CHAR	INQ	SYSTEM	RELEASE	4	DIF	No	CICS Release				92



Table 75. CICS RGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Offset
RLSSTATUS	CVDAS	INQ	SYSTEM	RLSSTATUS	4	LIKE	No	Record level sharing (RLS) status				808
RLSSTATUS Output valid values	<ul style="list-style-type: none"> <li>• RLSACTIVE</li> <li>• RLSINACTIVE</li> <li>• NOTAPPLIC</li> </ul>											
RRMSSTAT	CVDAS	INQ			4	LIKE	No	Resource recovery management service (RRMS) status				840
RRMSSTAT Output valid values	<ul style="list-style-type: none"> <li>• OPEN</li> <li>• CLOSED</li> <li>• NOTAPPLIC</li> </ul>											
RUNAWAY	BINARY	INQ	SYSTEM	RUNAWAY	4	AVG	Yes	Runaway time interval				96
SCANDELAY	BINARY	INQ	SYSTEM	SCANDELAY	4	AVG	Yes	Terminal scan delay time				100
SDMPSUPP	BINARY	STAT	DFHSDGDS	SYS_DUMPS_SUPPR	4	AVG	No	Number of system dumps suppressed				292
SDMPTOTL	BINARY	STAT	DFHSDGDS	SYS_DUMPS_TAKEN	4	AVG	No	Number of system dumps taken				288
SDTRAN	CHAR	INQ	SYSTEM	SDTRAN	4	DIFF	No	Shutdown transaction				816
SHUTSTATUS	CVDAS	INQ	SYSTEM	SHUTSTATUS	4	LIKE	No	Shutdown status				520
SHUTSTATUS Output valid values	<ul style="list-style-type: none"> <li>• CONTROLSHUT</li> <li>• SHUTDOWN</li> <li>• CANCELLED</li> <li>• NOTAPPLIC</li> </ul>											
SINGLESTATUS	CVDAS	INQ	TRACEFLAG	SINGLESTATUS	4	LIKE	Yes	Single task trace status				196
SINGLESTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• SINGLEON</li> <li>• SINGLEOFF</li> </ul>											
SIORREQ	BINARY	CPSM			8	AVG	No	Number of I/O requests				340
SOSABOVEBAR	CVDAS	INQ	SYSTEM	SOSABOVEBAR	4	LIKE	No	Short on storage status above the bar		E640		952
SOSABOVEBAR Output valid values	<ul style="list-style-type: none"> <li>• SOS</li> <li>• NOTSOS</li> </ul>											
SOSABOVELINE	CVDAS	INQ	SYSTEM	SOSABOVELINE	4	LIKE	No	Short on storage status above the line		E640		956
SOSABOVELINE Output valid values	<ul style="list-style-type: none"> <li>• SOS</li> <li>• NOTSOS</li> </ul>											
SOSBELOWLINE	CVDAS	INQ	SYSTEM	SOSBELOWLINE	4	LIKE	No	Short on storage status below the line		E640		960
SOSBELOWLINE Output valid values	<ul style="list-style-type: none"> <li>• SOS</li> <li>• NOTSOS</li> </ul>											
SOSSTATUS	CVDAS	INQ	SYSTEM	SOSSTATUS	4	LIKE	No	Short on storage status below the bar				796

Table 75. CICS RGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Offset
SOSSTATUS Output valid values	<ul style="list-style-type: none"> <li>SOS</li> <li>NOTSOS</li> <li>SOSABOVE</li> <li>SOSBELOW</li> </ul>											
STARTUP	CVDAS	INQ	SYSTEM	STARTUP	4	LIKE	No	Startup type				60
STARTUP Output valid values	<ul style="list-style-type: none"> <li>COLDSTART</li> <li>WARMSTART</li> <li>EMERGENCY</li> <li>LOGTERM</li> </ul>											
STARTUPDATE	DECDATE	INQ	SYSTEM	STARTUPDATE	4	AVG	No	Date on which CICS started				444
STGPROT	CVDAS	INQ	SYSTEM	STOREPROTECT	4	LIKE	No	Storage protection status				64
STGPROT Output valid values	<ul style="list-style-type: none"> <li>ACTIVE</li> <li>INACTIVE</li> </ul>											
STRTIME	DATETIME	CPSM	DFHDSGDS	DSGLSTRT	8	MAX	No	CICS start time				304
SUBSYSTEMID	CHAR	INQ	MONITOR	SUBSYSTEMID	4	DIF	No	Subsystem ID used on SYSEVENT class records		E650+		404
SUBTASKS	BINARY	INQ	DISPATCHER	SUBTASKS	4	AVG	No	Value set by the SUBTSKS system initialization parameter				908
SWITCHSTATUS	CVDAS	INQ	TRACEDEST	SWITCHSTATUS	4	LIKE	Yes	Auxiliary trace data set switch type				188
SWITCHSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>NOSWITCH</li> <li>SWITCHNEXT</li> <li>SWITCHALL</li> </ul>											
SYNCPPOINTST	CVDAS	INQ			4	LIKE	Yes	Performance record at syncpoint				408
SYNCPPOINTST Input/output valid values	<ul style="list-style-type: none"> <li>SYNCPPOINT</li> <li>NOSYNCPPOINT</li> </ul>											
SYSDUMP	CVDAS	INQ	SYSTEM	DUMPING	4	LIKE	Yes	System dump status				52
SYSDUMP Input/output valid values	<ul style="list-style-type: none"> <li>SYSDUMP</li> <li>NOSYSDUMP</li> <li>TABLEONLY</li> </ul>											
SYSID	CHAR	CPSM			4	DIF	No	CICS system ID				312
SYSTEMSTATUS	CVDAS	INQ	TRACEFLAG	SYSTEMSTATUS	4	LIKE	Yes	System trace status				200
SYSTEMSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>SYSTEMON</li> <li>SYSTEMOFF</li> </ul>											
TABLESIZE	BINARY	INQ			4	AVG	Yes	Internal trace table size	16-1048576			192
TCEXITSTATUS	CVDAS	INQ	TRACEFLAG	TCEXITSTATUS	4	LIKE	Yes	CICS VTAM exit trace status				204

Table 75. CICS RGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Offset
TCEXITSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>TCEXITALL</li> <li>TCEXITSYSTEM</li> <li>TCEXITNONE</li> </ul>											
TCEXITSTATUS Input valid values	<ul style="list-style-type: none"> <li>TCEXITALLOFF</li> </ul>											
TCEXITSTATUS Output valid values	<ul style="list-style-type: none"> <li>NOTAPPLIC</li> </ul>											
TCPIP	CVDAS	INQ			4	LIKE	Yes	TCP/IP status				876
TCPIP Input/output valid values	<ul style="list-style-type: none"> <li>OPEN</li> <li>CLOSED</li> </ul>											
TCPIP Input valid values	<ul style="list-style-type: none"> <li>IMMCLOSE</li> </ul>											
TCPIP Output valid values	<ul style="list-style-type: none"> <li>CLOSING</li> <li>IMMCLOSING</li> <li>OPENING</li> </ul>											
TDMPSUPP	BINARY	STAT	DFHTDGDS	TRANS_DUMP_SUPP	4	AVG	No	Number of transaction dumps suppressed				300
TDMPTOTL	BINARY	STAT	DFHTDGDS	TRANS_DUMP_TAKEN	4	AVG	No	Number of transaction dumps taken				296
TIMEOUTINT	BINARY	INQ			4	AVG	Yes	Web domain terminal timeout interval				884
TOTACTVUSRTR	BINARY	STAT	DFHXMGDS	XMGATAT	4	AVG	No	Total number of active user transactions				476
TOTDELYUSRTR	BINARY	STAT	DFHXMGDS	XMGDTT	4	AVG	No	Total number of queued user transactions				480
TOTLTASKS	BINARY	STAT			8	AVG	No	Total number of tasks				800
TOTQUETIME	INTTSTP	STAT	DFHXMGDS	XMGQTME	8	MAX	No	Total time queued transactions waited				488
TRANISOLATE	CVDAS	INQ	SYSTEM	TRANISOLATE	4	LIKE	No	Transaction isolation status				440
TRANISOLATE Output valid values	<ul style="list-style-type: none"> <li>ACTIVE</li> <li>INACTIVE</li> </ul>											
USERSTATUS	CVDAS	INQ			4	LIKE	Yes	User trace status				208
USERSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>USERON</li> <li>USEROFF</li> </ul>											
VTMACBDOPE	BINARY	STAT	DFHA03DS	A03DOC	2	AVG	No	Number of times VTAM ACB dynamically opened				360
VTMRPLMAX	DECIMAL	STAT	DFHA03DS	A03RPLXT	4	AVG	No	Number of times RPL maximum value was reached				352
VTMRPLPOST	DECIMAL	STAT	DFHA03DS	A03RPLX	2	AVG	No	Maximum number of VTAM RPLs posted				356
VTMSOSCNT	BINARY	STAT	DFHA03DS	A03VTSOS	2	AVG	No	Number of times VTAM had short-on-storage status				358

Table 75. CICS RGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Offset
VTMSTATUS	CVDAS	INQ			4	LIKE	Yes	CICS-VTAM connection status				348
VTMSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• OPEN</li> <li>• CLOSED</li> </ul>											
VTMSTATUS Input valid values	<ul style="list-style-type: none"> <li>• IMMCLOSE</li> <li>• FORCECLOSE</li> </ul>											
VTMSTATUS Output valid values	<ul style="list-style-type: none"> <li>• CLOSING</li> <li>• IMMCLOSING</li> <li>• FORCECLOSING</li> <li>• NOTAPPLIC</li> </ul>											
XCFGROUP	CHAR	INQ			8	LIKE	No	XCF group ID		E640		932
XMGATMXT	EYUDA	STAT			4	LIKE	No	Currently at MXT		E640 E650 E660 E670 E680		1024
XMGATMXT Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>											
XMGLAMXT	DATETIME	STAT	DFHXMGDS	XMGLAMXT	8	LIKE	No	Time the MAXTASKS limit last reached		E640 E650 E660 E670 E680		1016
XMGLSMXT	DATETIME	STAT	DFHXMGDS	XMGLSMXT	8	LIKE	No	Time MAXTASKS last changed		E640 E650 E660 E670 E680		1000
XMGLTAT	DATETIME	STAT	DFHXMGDS	XMGLTAT	8	LIKE	No	Time last transaction attached		E640 E650 E660 E670 E680		1008
XRFSTATUS	CVDAS	INQ	SYSTEM	XRFSTATUS	4	LIKE	No	Extended recovery facility (XRF) status				108
XRFSTATUS Output valid values	<ul style="list-style-type: none"> <li>• PRIMARY</li> <li>• TAKEOVER</li> <li>• NOTAPPLIC</li> </ul>											

## Chapter 30. CICSSTOR Resource Table

A CICS Resource that describes all the CICS dynamic storage areas (DSAs) in an active system being managed by CICSplex SM>.

The CICSSTOR resource class does not provide an explicit key attribute. The set of object instances returned is a function of the scope in effect when the request is made.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSGlobalDynamicStorageArea

**Object type**

CICS Resource

**Length**

2672

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0135

**CICS Commands subject to CICS Security**

INQUIRE SYSTEM

Table 76. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

Table 77. CICSSTOR resource table attributes										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		12
CAVGTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short-on-storage (SOS) in CDSA		928
CNONIMMGET	BINARY	CPSM			8	AVG	No	Number of CDSA non-immediate GETMAIN requests		896

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Set	Description	Get Invali d	Offs et
CRATECREL	RATE3	CPSM			8	AVG	No	CDSA cushion release rate		920
CRATEEXTSA	RATE3	CPSM			8	AVG	No	CDSA extent increase rate		944
CRATEEXTSR	RATE3	CPSM			8	AVG	No	CDSA extent release rate		952
CRATEFM	RATE3	CPSM			8	AVG	No	CDSA FREEMAIN request rate		888
CRATEGM	RATE3	CPSM			8	AVG	No	CDSA GETMAIN request rate		880
CRATESTORV	RATE3	CPSM			8	AVG	No	CDSA storage violation rate		936
ECAVGTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short-on-storage (SOS) in ECDSA		1344
ECNONIMMGET	BINARY	CPSM			8	AVG	No	Number of ECDSA non-immediate GETMAIN requests		1312
ECRATECREL	RATE3	CPSM			8	AVG	No	ECDSA cushion release rate		1336
ECRATEEXTSA	RATE3	CPSM			8	AVG	No	ECDSA extent increase rate		1360
ECRATEEXTSR	RATE3	CPSM			8	AVG	No	ECDSA extent release rate		1368
ECRATEFM	RATE3	CPSM			8	AVG	No	ECDSA FREEMAIN request rate		1304
ECRATEGM	RATE3	CPSM			8	AVG	No	ECDSA GETMAIN request rate		1296
ECRATESTORV	RATE3	CPSM			8	AVG	No	ECDSA storage violation rate		1352
ERAVGTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short-on-storage in ERDSA		1656
ERNONIMMGET	BINARY	CPSM			8	AVG	No	Number of ERDSA non-immediate GETMAIN requests		1624
ERRATECREL	RATE3	CPSM			8	AVG	No	ERDSA cushion release rate		1648
ERRATEEXTSA	RATE3	CPSM			8	AVG	No	ERDSA extent increase rate		1672
ERRATEEXTSR	RATE3	CPSM			8	AVG	No	ERDSA extent release rate		1680
ERRATEFM	RATE3	CPSM			8	AVG	No	ERDSA FREEMAIN request rate		1616
ERRATEGM	RATE3	CPSM			8	AVG	No	ERDSA GETMAIN request rate		1608
ERRATESTORV	RATE3	CPSM			8	AVG	No	ERDSA storage violation rate		1664
ESAVGTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short-on-storage in ESDSA		1552
ESNONIMMGET	BINARY	CPSM			8	AVG	No	Number of ESDSA non-immediate GETMAIN requests		1520
ESRATECREL	RATE3	CPSM			8	AVG	No	ESDSA cushion release rate		1544

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Set	Description	Get Invali d	Offs et
ESRATEEXTSA	RATE3	CPSM			8	AVG	No	ESDSA extent increase rate		1568
ESRATEEXTSR	RATE3	CPSM			8	AVG	No	ESDSA extent release rate		1576
ESRATEFM	RATE3	CPSM			8	AVG	No	ESDSA FREEMAIN request rate		1512
ESRATEGM	RATE3	CPSM			8	AVG	No	ESDSA GETMAIN request rate		1504
ESRATESTORV	RATE3	CPSM			8	AVG	No	ESDSA storage violation rate		1560
ETAVGTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short-on-storage in ETDSA	E640 E650 E660	2280
ETNONIMMGET	BINARY	CPSM			8	AVG	No	Number of ETDSA non-immediate GETMAIN requests	E640 E650 E660	2256
ETRATECREL	RATE3	CPSM			8	AVG	No	ETDSA cushion release rate	E640 E650 E660	2272
ETRATEEXTSA	RATE3	CPSM			8	AVG	No	ETDSA extent increase rate	E640 E650 E660	2296
ETRATEEXTSR	RATE3	CPSM			8	AVG	No	ETDSA extent release rate	E640 E650 E660	2304
ETRATEFM	RATE3	CPSM			8	AVG	No	ETDSA FREEMAIN request rate	E640 E650 E660	2248
ETRATEGM	RATE3	CPSM			8	AVG	No	ETDSA GETMAIN request rate	E640 E650 E660	2240
ETRATESTORV	RATE3	CPSM			8	AVG	No	ETDSA storage violation rate	E640 E650 E660	2288
EUAVGTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short-on-storage (SOS) in EUDSA		1448
EUNONIMMGET	BINARY	CPSM			8	AVG	No	Number of EUDSA non-immediate GETMAIN requests		1416
EURATECREL	RATE3	CPSM			8	AVG	No	EUDSA cushion release rate		1440
EURATEEXTSA	RATE3	CPSM			8	AVG	No	EUDSA extent increase rate		1464
EURATEEXTSR	RATE3	CPSM			8	AVG	No	EUDSA extent release rate		1472
EURATEFM	RATE3	CPSM			8	AVG	No	EUDSA FREEMAIN request rate		1408
EURATEGM	RATE3	CPSM			8	AVG	No	EUDSA GETMAIN request rate		1400
EURATESTORV	RATE3	CPSM			8	AVG	No	EUDSA storage violation rate		1456
GCAVGTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short-on-storage (SOS) in GCDSA	E640	1880
GCONONIMMGET	BINARY	CPSM			8	AVG	No	Number of GCDSA non-immediate GETMAIN requests	E640	1864

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Set	Description	Get Invali d	Offs et
GCRATEFM	RATE3	CPSM			8	AVG	No	GCDSA FREEMAIN request rate	E640	1856
GCRATEGM	RATE3	CPSM			8	AVG	No	GCDSA GETMAIN request rate	E640	1848
GCRATESTORV	RATE3	CPSM			8	AVG	No	GCDSA storage violation rate	E640	1888
GSAVGTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short on storage (SOS) in GSDSA	E640 E650 E660 E670	2608
GSNONIMMGET	BINARY	CPSM			8	AVG	No	Number of GSDSA non-immediate GETMAIN requests	E640 E650 E660 E670	2592
GSRATEFM	RATE3	CPSM			8	AVG	No	GSDSA FREEMAIN request rate	E640 E650 E660 E670	2584
GSRATEGM	RATE3	CPSM			8	AVG	No	GSDSA GETMAIN request rate	E640 E650 E660 E670	2576
GSRATESTORV	RATE3	CPSM			8	AVG	No	GSDSA storage violation rate	E640 E650 E660 E670	2616
GUAVGTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short on storage (SOS) in GUDSA	E640 E650 E660 E670	2432
GUNONIMMGET	BINARY	CPSM			8	AVG	No	Number of GUDSA non-immediate GETMAIN requests	E640 E650 E660 E670	2416
GURATEFM	RATE3	CPSM			8	AVG	No	GUDSA FREEMAIN request rate	E640 E650 E660 E670	2408
GURATEGM	RATE3	CPSM			8	AVG	No	GUDSA GETMAIN request rate	E640 E650 E660 E670	2400
GURATESTORV	RATE3	CPSM			8	AVG	No	GUDSA storage violation rate	E640 E650 E660 E670	2440
LPCTCFREE	PERCENT3	CPSM			4	AVG	No	Lowest percentage of free storage in CDSA		872
LPCTECFREE	PERCENT3	CPSM			4	AVG	No	Lowest percentage of free storage in ECDSA		1288
LPCTERFREE	PERCENT3	CPSM			4	AVG	No	Lowest percentage of free storage in ERDSA		1600
LPCTESFREE	PERCENT3	CPSM			4	AVG	No	Lowest percentage of free storage in ESDSA		1496
LPCTETFREE	PERCENT3	CPSM			4	AVG	No	Lowest percentage of free storage in ETDSA	E640 E650 E660	2232
LPCTEUFREE	PERCENT3	CPSM			4	AVG	No	Lowest percentage of free storage in EUDSA		1392



Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Set	Description	Get Invali d	Offs et
LPCTRFREE	PERCENT3	CPSM			4	AVG	No	Lowest percentage of free storage in RDSA		1184
LPCTSFREE	PERCENT3	CPSM			4	AVG	No	Lowest percentage of free storage in SDSA		1080
LPCTUFREE	PERCENT3	CPSM			4	AVG	No	Lowest percentage of free storage in UDSA		976
PCTCCSH	PERCENT3	CPSM			4	AVG	No	Percentage of cushion releases in CDSA		912
PCTCFREE	PERCENT3	CPSM			4	AVG	No	Percentage of free storage in CDSA		864
PCTCGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in CDSA		904
PCTCGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in CDSA		908
PCTECCSH	PERCENT3	CPSM			4	AVG	No	Percentage of cushion releases in ECDSA		1328
PCTECFREE	PERCENT3	CPSM			4	AVG	No	Percentage of free storage in ECDSA		1280
PCTECGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in ECDSA		1320
PCTECGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in ECDSA		1324
PCTERCSH	PERCENT3	CPSM			4	AVG	No	Percentage of cushion releases in ERDSA		1640
PCTERFREE	PERCENT3	CPSM			4	AVG	No	Percentage of free storage in ERDSA		1592
PCTERGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in ERDSA		1632
PCTERGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in ERDSA		1636
PCTESCSH	PERCENT3	CPSM			4	AVG	No	Percentage of cushion releases in ESDSA		1536
PCTESFREE	PERCENT3	CPSM			4	AVG	No	Percentage of free storage in ESDSA		1488
PCTESGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in ESDSA		1528
PCTESGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in ESDSA		1532
PCTETCSH	PERCENT3	CPSM			4	AVG	No	Percentage of cushion releases in ETDSA	E640 E650 E660	2312
PCTETFREE	PERCENT3	CPSM			4	AVG	No	Percentage of free storage in ETDSA	E640 E650 E660	2224
PCTETGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in ETDSA	E640 E650 E660	2264
PCTETGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in ETDSA	E640 E650 E660	2268
PCTEUCSH	PERCENT3	CPSM			4	AVG	No	Percentage of cushion releases in EUDSA		1432

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
PCTEUFREE	PERCENT3	CPSM			4	AVG	No	Percentage of free storage in EUDSA		1384
PCTEUGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in EUDSA		1424
PCTEUGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in EUDSA		1428
PCTGCGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in GCDSA	E640	1872
PCTGCGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in GCDSA	E640	1876
PCTGSGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in GSDSA	E640 E650 E660 E670	2600
PCTGSGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in GSDSA	E640 E650 E660 E670	2604
PCTGUGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in GUDSA	E640 E650 E660 E670	2424
PCTGUGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in GUDSA	E640 E650 E660 E670	2428
PCTLFACDSA	PERCENT3	CPSM			4	AVG	No	Largest percentage of free storage in CDSA		876
PCTLFAECDSA	PERCENT3	CPSM			4	AVG	No	Largest percentage of free storage in ECDSA		1292
PCTLFAERDSA	PERCENT3	CPSM			4	AVG	No	Largest percentage of free storage in ERDSA		1604
PCTLFAESDSA	PERCENT3	CPSM			4	AVG	No	Largest percentage of free storage in ESDSA		1500
PCTLFAETDSA	PERCENT3	CPSM			4	AVG	No	Largest percentage of free storage in ETDSA	E640 E650 E660	2236
PCTLFAEUDSA	PERCENT3	CPSM			4	AVG	No	Largest percentage of free storage in EUDSA		1396
PCTLFARDSA	PERCENT3	CPSM			4	AVG	No	Largest percentage of free storage in RDSA		1188
PCTLFASDSA	PERCENT3	CPSM			4	AVG	No	Largest percentage of free storage in SDSA		1084
PCTLFAUDSA	PERCENT3	CPSM			4	AVG	No	Largest percentage of free storage in UDSA		980
PCTRCSH	PERCENT3	CPSM			4	AVG	No	Percentage of cushion releases in RDSA		1224
PCTRFREE	PERCENT3	CPSM			4	AVG	No	Percentage of free storage in RDSA		1176
PCTRGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in RDSA		1216
PCTRGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in RDSA		1220
PCTSCSH	PERCENT3	CPSM			4	AVG	No	Percentage of cushion releases in SDSA		1120

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
PCTSFREE	PERCENT3	CPSM			4	AVG	No	Percentage of free storage in SDSA		1072
PCTSGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in SDSA		1112
PCTSGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in SDSA		1116
PCTSTGCDSA	PERCENT3	CPSM			4	AVG	No	Percentage of CDSA storage below 16MB		856
PCTSTGECDSA	PERCENT3	CPSM			4	AVG	No	Percentage of storage above 16MB in ECDSA		1272
PCTSTGERDSA	PERCENT3	CPSM			4	AVG	No	Percentage of storage above 16MB in ERDSA		1584
PCTSTGESDSA	PERCENT3	CPSM			4	AVG	No	Percentage of storage above 16MB in ESDSA		1480
PCTSTGETDSA	PERCENT3	CPSM			4	AVG	No	Percentage of storage above 16MB in ETDSA	E640 E650 E660	2216
PCTSTGEUDSA	PERCENT3	CPSM			4	AVG	No	Percentage of storage above 16MB in EUDSA		1376
PCTSTGGCDSA	PERCENT3	CPSM			4	AVG	No	Percentage of storage above the bar in GCDSA	E640	1840
PCTSTGGSDSA	PERCENT3	CPSM			4	AVG	No	Percentage of storage above the bar in GSDSA	E640 E650 E660 E670	2568
PCTSTGGUDSA	PERCENT3	CPSM			4	AVG	No	Percentage of storage above the bar in GUDSA	E640 E650 E660 E670	2392
PCTSTGRDSA	PERCENT3	CPSM			4	AVG	No	Percentage of storage below 16MB in RDSA		1168
PCTSTGSDSA	PERCENT3	CPSM			4	AVG	No	Percentage of storage below 16MB in SDSA		1064
PCTSTGUDSA	PERCENT3	CPSM			4	AVG	No	Percentage of storage below 16MB in UDSA		960
PCTUCSH	PERCENT3	CPSM			4	AVG	No	Percentage of cushion releases in UDSA		1016
PCTUFREE	PERCENT3	CPSM			4	AVG	No	Percentage of free storage in UDSA		968
PCTUGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in UDSA		1008
PCTUGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in UDSA		1012
PPCTCFREE	PERCENT3	CPSM			4	AVG	No	Peak percentage of free storage in CDSA		868
PPCTECFREE	PERCENT3	CPSM			4	AVG	No	Peak percent of free storage in ECDSA		1284
PPCTERFREE	PERCENT3	CPSM			4	AVG	No	Peak percentage of free storage in ERDSA		1596
PPCTESFREE	PERCENT3	CPSM			4	AVG	No	Peak percentage of free storage in ESDSA		1492
PPCTETFREE	PERCENT3	CPSM			4	AVG	No	Peak percentage of free storage in ETDSA	E640 E650 E660	2228
PPCTEUFREE	PERCENT3	CPSM			4	AVG	No	Peak percentage of free storage in EUDSA		1388

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
PPCTRFREE	PERCENT3	CPSM			4	AVG	No	Peak percentage of free storage in RDSA		1180
PPCTSFREE	PERCENT3	CPSM			4	AVG	No	Peak percentage of free storage in SDSA		1076
PPCTSTGCDSA	PERCENT3	CPSM			4	AVG	No	Peak percentage in CDSA of peak storage below 16MB		860
PPCTSTGECDSA	PERCENT3	CPSM			4	AVG	No	Peak percent in ECDSA of peak storage above 16MB		1276
PPCTSTGERDSA	PERCENT3	CPSM			4	AVG	No	Peak percent in ERDSA of peak storage above 16MB		1588
PPCTSTGESDSA	PERCENT3	CPSM			4	AVG	No	Peak percent in ESDSA of peak storage above 16MB		1484
PPCTSTGETDSA	PERCENT3	CPSM			4	AVG	No	Peak percent in ETDSA of peak storage above 16MB	E640 E650 E660	2220
PPCTSTGEUDSA	PERCENT3	CPSM			4	AVG	No	Peak percent in EUDSA of peak storage above 16MB		1380
PPCTSTGGCDSA	PERCENT3	CPSM			4	AVG	No	Peak percentage in GCDSA of storage above the bar	E640	1844
PPCTSTGGSDSA	PERCENT3	CPSM			4	AVG	No	Peak percentage in GSDSA of storage above the bar	E640 E650 E660 E670	2572
PPCTSTGGUDSA	PERCENT3	CPSM			4	AVG	No	Peak percentage in GUDSA of storage above the bar	E640 E650 E660 E670	2396
PPCTSTGRDSA	PERCENT3	CPSM			4	AVG	No	Peak percentage in RDSA of peak storage below 16MB		1172
PPCTSTGSDSA	PERCENT3	CPSM			4	AVG	No	Peak percentage in SDSA of peak storage below 16MB		1068
PPCTSTGUDSA	PERCENT3	CPSM			4	AVG	No	Peak percentage in UDSA of peak storage below 16MB		964
PPCTUFREE	PERCENT3	CPSM			4	AVG	No	Peak percentage of free storage in UDSA		972
RAVGTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short-on-storage (SOS) in RDSA		1240
RNONIMMGET	BINARY	CPSM			8	AVG	No	Number of RDSA non-immediate GETMAIN requests		1208
RRATECREL	RATE3	CPSM			8	AVG	No	RDSA cushion release rate		1232
RRATEEXTSA	RATE3	CPSM			8	AVG	No	RDSA extent increase rate		1256
RRATEEXTSR	RATE3	CPSM			8	AVG	No	RDSA extent release rate		1264
RRATEFM	RATE3	CPSM			8	AVG	No	RDSA FREEMAIN request rate		1200

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Set	Description	Get Invali d	Offs et
RRATEGM	RATE3	CPSM			8	AVG	No	RDSA GETMAIN request rate		1192
RRATESTORV	RATE3	CPSM			8	AVG	No	RDSA storage violation rate		1248
SAVGTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short-on-storage (SOS) in SDSA		1136
SMSASACTIVE	BINARY	STAT	MSGLOBAL	SMSASACTIVE	8	AVG	No	Current address space storage that is addressable	E640	1720
SMSATBCUSHLI	BINARY	STAT	MSGLOBAL	SMSATBCUSHLIMIT	8	AVG	No	Cushion limit	E640	1760
SMSATBCUSHRE	BINARY	STAT	MSGLOBAL	SMSATBCUSHRELS	8	AVG	No	Number of GCDSA cushion releases	E640	1752
SMSCASR	BINARY	STAT	R64BODY	R64ASR	4	AVG	No	Number of CDSA ADD_SUBPOOL requests		104
SMSCCREL	BINARY	STAT	R64BODY	R64CREL	4	AVG	No	Number of CDSA cushion releases		128
SMSCCRISS	BINARY	STAT	R64BODY	R64CRISS	4	AVG	No	Number of CDSA requests failing with no storage		112
SMSCCSIZE	BINARY	STAT	R64BODY	R64CSIZE	4	AVG	No	Current CDSA cushion size		92
SMSCCSUBP	BINARY	STAT	R64BODY	R64CSUBP	4	AVG	No	Current number of CDSA subpools		148
SMSCDSASZ	BINARY	STAT	R64BODY	R64DSASZ	4	AVG	No	Current size of CDSA		84
SMSCDSR	BINARY	STAT	R64BODY	R64DSR	4	AVG	No	Number of CDSA DELETE_SUBPOOL requests		108
SMSCEXTS	BINARY	STAT	R64BODY	R64EXTS	4	AVG	No	Number of extents in the CDSA		172
SMSCEXTSA	BINARY	STAT	R64BODY	R64EXTSA	4	AVG	No	Number of CDSA extents added		176
SMSCEXTSR	BINARY	STAT	R64BODY	R64EXTSR	4	AVG	No	Number of CDSA extents released		180
SMSCFMREQ	BINARY	STAT	R64BODY	R64FMREQ	4	AVG	No	Number of CDSA FREEMAIN requests		100
SMSCFSTG	BINARY	STAT	R64BODY	R64FSTG	4	AVG	No	Size of CDSA free storage including cushion		152
SMSCGMREQ	BINARY	STAT	R64BODY	R64GMREQ	4	AVG	No	Number of CDSA GETMAIN requests		96
SMSCHWMFSTG	BINARY	STAT	R64BODY	R64HWMFSTG	4	AVG	No	Peak free storage level in the CDSA		156
SMSCHWMSS	BINARY	STAT	R64BODY	R64HWMSS	4	AVG	No	Peak number of CDSA requests suspended		120
SMSCLFSA	BINARY	STAT	R64BODY	R64LFSA	4	AVG	No	Largest free area in the CDSA		164
SMSCLWMFSTG	BINARY	STAT	R64BODY	R64LWMFSTG	4	AVG	No	Lowest free storage level in the CDSA		160
SMSCPWWS	BINARY	STAT	R64BODY	R64PWWS	4	AVG	No	Number of CDSA requests purged		124
SMSCSOS	BINARY	STAT	R64BODY	R64SOS	4	AVG	No	Number of times short-on-storage occurred in CDSA		144

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
SMSCSSCUM	BINARY	STAT	R64GLOBAL	R64CSSCUM	4	AVG	No	Total number of common subspace users		48
SMSCSSCUR	BINARY	STAT	R64GLOBAL	R64CSSCUR	4	AVG	No	Current number of common subspace users		44
SMSCSSHWM	BINARY	STAT	R64GLOBAL	R64CSSHWM	4	AVG	No	Peak number of common subspace users		52
SMSCSV	BINARY	STAT	R64BODY	R64SV	4	AVG	No	Number of storage violations in the CDSA		168
SMCTSOS	INTTSTP	STAT	R64BODY	R64TSOS	8	AVG	No	Total time spent short-on-storage in the CDSA		136
SMSCUCSS	BINARY	STAT	R64BODY	R64UCSS	4	AVG	No	Number of CDSA requests suspended		116
SMDSALIMIT	BINARY	STAT	R64GLOBAL	R64DSALIMIT	4	AVG	Yes	Current DSA limit		56
SMDSATOTAL	BINARY	STAT	R64GLOBAL	R64DSATOTAL	4	AVG	No	Total storage currently allocated to DSAs		64
SMSECASR	BINARY	STAT	R64BODY	R64ASR	4	AVG	No	Number of ECDSA ADD_SUBPOOL requests		492
SMSECCREL	BINARY	STAT	R64BODY	R64CREL	4	AVG	No	Number of ECDSA cushion releases		516
SMSECCRISS	BINARY	STAT	R64BODY	R64CRISS	4	AVG	No	Number of ECDSA requests failing with no storage		500
SMSECCSIZE	BINARY	STAT	R64BODY	R64CSIZE	4	AVG	No	Current ECDSA cushion size		480
SMSECCSUBP	BINARY	STAT	R64BODY	R64CSUBP	4	AVG	No	Current number of subpools in the ECDSA		532
SMSECDSASZ	BINARY	STAT	R64BODY	R64DSASZ	4	AVG	No	Current size of ECDSA		472
SMSECDSR	BINARY	STAT	R64BODY	R64DSR	4	AVG	No	Number of ECDSA DELETE_SUBPOOL requests		496
SMSECEXTS	BINARY	STAT	R64BODY	R64EXTS	4	AVG	No	Number of ECDSA extents		556
SMSECEXTSA	BINARY	STAT	R64BODY	R64EXTSA	4	AVG	No	Number of ECDSA extents added		560
SMSECEXTSR	BINARY	STAT	R64BODY	R64EXTSR	4	AVG	No	Number of ECDSA extents released		564
SMSECFMREQ	BINARY	STAT	R64BODY	R64FMREQ	4	AVG	No	Number of ECDSA FREEMAIN requests		488
SMSECFSTG	BINARY	STAT	R64BODY	R64FSTG	4	AVG	No	Size of ECDSA free storage including cushion		536
SMSECGMREQ	BINARY	STAT	R64BODY	R64GMREQ	4	AVG	No	Number of ECDSA GETMAIN requests		484
SMSECHWMFSTG	BINARY	STAT	R64BODY	R64HWMFSTG	4	AVG	No	Peak ECDSA free storage level		540
SMSECHWMSS	BINARY	STAT	R64BODY	R64HWMSS	4	AVG	No	Peak number of ECDSA requests suspended		508
SMSECLFA	BINARY	STAT	R64BODY	R64LFA	4	AVG	No	Largest ECDSA free area		548
SMSECLWMFSTG	BINARY	STAT	R64BODY	R64LWMFSTG	4	AVG	No	Lowest ECDSA free storage level		544
SMSECPWWS	BINARY	STAT	R64BODY	R64PWWS	4	AVG	No	Number of ECDSA requests purged		512
SMSECSOS	BINARY	STAT	R64BODY	R64SOS	4	AVG	No	Number of times short-on-storage occurred in ECDSA		528

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
SMSECSV	BINARY	STAT	R64BODY	R64SV	4	AVG	No	Number of ECDSA storage violations		552
SMSECTSOS	INTTSTP	STAT	R64BODY	R64TSOS	8	AVG	No	Total time spent short-on-storage in the ECDSA		520
SMSECUCSS	BINARY	STAT	R64BODY	R64UCSS	4	AVG	No	Number of ECDSA requests suspended		504
SMSEDSALIMIT	BINARY	STAT	R64GLOBAL	R64EDSALIMIT	4	AVG	Yes	Current EDSA limit		60
SMSEDSATOTAL	BINARY	STAT	R64GLOBAL	R64EDSATOTAL	4	AVG	No	Total storage currently allocated to EDSAs		68
SMSERASR	BINARY	STAT	R64BODY	R64ASR	4	AVG	No	Number of ERDSA ADD_SUBPOOL requests		780
SMSERCREL	BINARY	STAT	R64BODY	R64CREL	4	AVG	No	Number of ERDSA cushion releases		804
SMSERCRISS	BINARY	STAT	R64BODY	R64CRISS	4	AVG	No	Number of ERDSA requests failing with no storage		788
SMSERCSIZE	BINARY	STAT	R64BODY	R64CSIZE	4	AVG	No	Current ERDSA cushion size		768
SMSERCSUBP	BINARY	STAT	R64BODY	R64CSUBP	4	AVG	No	Current number of ERDSA subpools		820
SMSERDSASZ	BINARY	STAT	R64BODY	R64DSASZ	4	AVG	No	Current size of ERDSA		760
SMSERDSR	BINARY	STAT	R64BODY	R64DSR	4	AVG	No	Number of ERDSA DELETE_SUBPOOL requests		784
SMSEREXTS	BINARY	STAT	R64BODY	R64EXTS	4	AVG	No	Number of ERDSA extents		844
SMSEREXTSA	BINARY	STAT	R64BODY	R64EXTSA	4	AVG	No	Number of ERDSA extents added		848
SMSEREXTSR	BINARY	STAT	R64BODY	R64EXTSR	4	AVG	No	Number of ERDSA extents released		852
SMSERFMREQ	BINARY	STAT	R64BODY	R64FMREQ	4	AVG	No	Number of ERDSA FREEMAIN requests		776
SMSERFSTG	BINARY	STAT	R64BODY	R64FSTG	4	AVG	No	Size of ERDSA free storage including cushion		824
SMSERGMREQ	BINARY	STAT	R64BODY	R64GMREQ	4	AVG	No	Number of ERDSA GETMAIN requests		772
SMSERHWMFSTG	BINARY	STAT	R64BODY	R64HWMFSTG	4	AVG	No	Peak ERDSA free storage level		828
SMSERHWMSS	BINARY	STAT	R64BODY	R64HWMSS	4	AVG	No	Peak number of ERDSA requests suspended		796
SMSERLFA	BINARY	STAT	R64BODY	R64LFA	4	AVG	No	Largest ERDSA free area		836
SMSERLWMFSTG	BINARY	STAT	R64BODY	R64LWMFSTG	4	AVG	No	Lowest ERDSA free storage level		832
SMSERPWWS	BINARY	STAT	R64BODY	R64PWWS	4	AVG	No	Number of ERDSA requests purged		800
SMSERSOS	BINARY	STAT	R64BODY	R64SOS	4	AVG	No	Number of times short-on-storage occurred in ERDSA		816
SMSERSV	BINARY	STAT	R64BODY	R64SV	4	AVG	No	Number of ERDSA storage violations		840
SMSERTSOS	INTTSTP	STAT	R64BODY	R64TSOS	8	AVG	No	Total time spent short-on-storage (SOS) in ERDSA		808

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
SMSEUCSS	BINARY	STAT	R64BODY	R64UCSS	4	AVG	No	Number of ERDSA requests suspended		792
SMSESASR	BINARY	STAT	R64BODY	R64ASR	4	AVG	No	Number of ESDSA ADD_SUBPOOL requests		684
SMSESCREL	BINARY	STAT	R64BODY	R64CREL	4	AVG	No	Number of ESDSA cushion releases		708
SMSESCRISS	BINARY	STAT	R64BODY	R64CRISS	4	AVG	No	Number of ESDSA requests failing with no storage		692
SMSESCSIZE	BINARY	STAT	R64BODY	R64CSIZE	4	AVG	No	Current ESDSA cushion size		672
SMSESCSUBP	BINARY	STAT	R64BODY	R64CSUBP	4	AVG	No	Current number of ESDSA subpools		724
SMSESDSASZ	BINARY	STAT	R64BODY	R64DSASZ	4	AVG	No	Current size of ESDSA		664
SMSESDSR	BINARY	STAT	R64BODY	R64DSR	4	AVG	No	Number of ESDSA DELETE_SUBPOOL requests		688
SMSEEXTS	BINARY	STAT	R64BODY	R64EXTS	4	AVG	No	Number of ESDSA extents		748
SMSEEXTSA	BINARY	STAT	R64BODY	R64EXTSA	4	AVG	No	Number of ESDSA extents added		752
SMSEEXTSR	BINARY	STAT	R64BODY	R64EXTSR	4	AVG	No	Number of ESDSA extents released		756
SMSEFMREQ	BINARY	STAT	R64BODY	R64FMREQ	4	AVG	No	Number of ESDSA FREEMAIN requests		680
SMSEFSTG	BINARY	STAT	R64BODY	R64FSTG	4	AVG	No	ESDSA free storage including cushion		728
SMSESGMREQ	BINARY	STAT	R64BODY	R64GMREQ	4	AVG	No	Number of ESDSA GETMAIN requests		676
SMSESHWMFSTG	BINARY	STAT	R64BODY	R64HWMFSTG	4	AVG	No	Peak ESDSA free storage level		732
SMSESHWMSS	BINARY	STAT	R64BODY	R64HWMSS	4	AVG	No	Peak number of ESDSA requests suspended		700
SMSESLFA	BINARY	STAT	R64BODY	R64LFA	4	AVG	No	Largest ESDSA free area		740
SMSESLWMFSTG	BINARY	STAT	R64BODY	R64LWMFSTG	4	AVG	No	Lowest ESDSA free storage level		736
SMSESPWWS	BINARY	STAT	R64BODY	R64PWWS	4	AVG	No	Number of ESDSA requests purged		704
SMSESSOS	BINARY	STAT	R64BODY	R64SOS	4	AVG	No	Number of times short-on-storage occurred in ESDSA		720
SMSESSV	BINARY	STAT	R64BODY	R64SV	4	AVG	No	Number of ESDSA storage violations		744
SMSESTSOS	INTTSTP	STAT	R64BODY	R64TSOS	8	AVG	No	Total time spent short-on-storage in the ESDSA		712
SMSESUCSS	BINARY	STAT	R64BODY	R64UCSS	4	AVG	No	Number of ESDSA requests suspended		696
SMSETASR	BINARY	STAT	SMSBODY	SMSASR	4	AVG	No	Number of ETDSA ADD_SUBPOOL requests	E640 E650 E660	2128
SMSETCREL	BINARY	STAT	SMSBODY	SMSCREL	4	AVG	No	Number of ETDSA cushion releases	E640 E650 E660	2152



Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Set	Description	Get Invali d	Offs et
SMSETCRISS	BINARY	STAT	SMSBODY	SMSCRISS	4	AVG	No	Number of ETDSA requests failing with no storage	E640 E650 E660	213 6
SMSETCSIZE	BINARY	STAT	SMSBODY	SMSCSIZE	4	AVG	No	Current ETDSA cushion size	E640 E650 E660	211 6
SMSETCSUBP	BINARY	STAT	SMSBODY	SMSCSUBP	4	AVG	No	Current number of ETDSA subpools	E640 E650 E660	217 2
SMSETDSASZ	BINARY	STAT	SMSBODY	SMSDSASZ	4	AVG	No	Current size of ETDSA	E640 E650 E660	210 8
SMSETDSR	BINARY	STAT	SMSBODY	SMSDSR	4	AVG	No	Number of ETDSA DELETE_SUBPOOL requests	E640 E650 E660	213 2
SMSETEXTS	BINARY	STAT	SMSBODY	SMSEXTS	4	AVG	No	Number of ETDSA extents	E640 E650 E660	219 6
SMSETEXTSA	BINARY	STAT	SMSBODY	SMSEXTSA	4	AVG	No	Number of ETDSA extents added	E640 E650 E660	220 0
SMSETEXTSR	BINARY	STAT	SMSBODY	SMSEXTSR	4	AVG	No	Number of ETDSA extents released	E640 E650 E660	220 4
SMSETFMREQ	BINARY	STAT	SMSBODY	SMSFMREQ	4	AVG	No	Number of ETDSA FREEMAIN requests	E640 E650 E660	212 4
SMSETFSTG	BINARY	STAT	SMSBODY	SMSFSTG	4	AVG	No	Size of ETDSA free storage including cushion	E640 E650 E660	217 6
SMSETGMREQ	BINARY	STAT	SMSBODY	SMSGMREQ	4	AVG	No	Number of ETDSA GETMAIN requests	E640 E650 E660	212 0
SMSETHWMFSTG	BINARY	STAT	SMSBODY	SMSHWMFSTG	4	AVG	No	Peak ETDSA free storage level	E640 E650 E660	218 0
SMSETHWMSS	BINARY	STAT	SMSBODY	SMSHWMSS	4	AVG	No	Peak number of ETDSA requests suspended	E640 E650 E660	214 4
SMSETLFA	BINARY	STAT	SMSBODY	SMSLFA	4	AVG	No	Largest ETDSA free area	E640 E650 E660	218 8
SMSETLWMFSTG	BINARY	STAT	SMSBODY	SMSLWMFSTG	4	AVG	No	Lowest ETDSA free storage level	E640 E650 E660	218 4
SMSETPWWS	BINARY	STAT	SMSBODY	SMSPWWS	4	AVG	No	Number of ETDSA requests purged	E640 E650 E660	214 8
SMSETSOS	BINARY	STAT	SMSBODY	SMSSOS	4	AVG	No	Number of times short-on-storage occurred in ETDSA	E640 E650 E660	216 8
SMSETSV	BINARY	STAT	SMSBODY	SMSSV	4	AVG	No	Number of ETDSA storage violations	E640 E650 E660	219 2
SMSETTSOS	INTTSTP	STAT	SMSBODY	SMSTSOS	8	AVG	No	Total time spent short-on-storage (SOS) in ETDSA	E640 E650 E660	216 0
SMSETUCSS	BINARY	STAT	SMSBODY	SMSUCSS	4	AVG	No	Number of ETDSA requests suspended	E640 E650 E660	214 0

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
SMSEUASR	BINARY	STAT	R64BODY	R64ASR	4	AVG	No	Number of EUDSA ADD_SUBPOOL requests		588
SMSEUCREL	BINARY	STAT	R64BODY	R64CREL	4	AVG	No	Number of EUDSA cushion releases		612
SMSEUCRISS	BINARY	STAT	R64BODY	R64CRISS	4	AVG	No	Number of EUDSA requests failing with no storage		596
SMSEUCSIZE	BINARY	STAT	R64BODY	R64CSIZE	4	AVG	No	Current EUDSA cushion size		576
SMSEUCSUBP	BINARY	STAT	R64BODY	R64CSUBP	4	AVG	No	Current number of EUDSA subpools		628
SMSEUDSASZ	BINARY	STAT	R64BODY	R64DSASZ	4	AVG	No	Current size of EUDSA		568
SMSEUDSR	BINARY	STAT	R64BODY	R64DSR	4	AVG	No	Number of EUDSA DELETE_SUBPOOL requests		592
SMSEUEXTS	BINARY	STAT	R64BODY	R64EXTS	4	AVG	No	Number of EUDSA extents		652
SMSEUEXTSA	BINARY	STAT	R64BODY	R64EXTSA	4	AVG	No	Number of EUDSA extents added		656
SMSEUEXTSR	BINARY	STAT	R64BODY	R64EXTSR	4	AVG	No	Number of EUDSA extents released		660
SMSEUFMREQ	BINARY	STAT	R64BODY	R64FMREQ	4	AVG	No	Number of EUDSA FREEMAIN requests		584
SMSEUFSTG	BINARY	STAT	R64BODY	R64FSTG	4	AVG	No	Size of EUDSA free storage including cushion		632
SMSEUGMREQ	BINARY	STAT	R64BODY	R64GMREQ	4	AVG	No	Number of EUDSA GETMAIN requests		580
SMSEUHWMFSTG	BINARY	STAT	R64BODY	R64HWMFSTG	4	AVG	No	Peak EUDSA free storage level		636
SMSEUHMSS	BINARY	STAT	R64BODY	R64HWMSS	4	AVG	No	Peak number of EUDSA requests suspended		604
SMSEULFA	BINARY	STAT	R64BODY	R64LFA	4	AVG	No	Largest EUDSA free area		644
SMSEULWMFSTG	BINARY	STAT	R64BODY	R64LWMFSTG	4	AVG	No	Lowest EUDSA free storage level		640
SMSEUPWWS	BINARY	STAT	R64BODY	R64PWWS	4	AVG	No	Number of EUDSA requests purged		608
SMSEUSOS	BINARY	STAT	R64BODY	R64SOS	4	AVG	No	Number of times short-on-storage occurred in EUDSA		624
SMSEUSV	BINARY	STAT	R64BODY	R64SV	4	AVG	No	Number of EUDSA storage violations		648
SMSEUTSOS	INTTSTP	STAT	R64BODY	R64TSOS	8	AVG	No	Total time spent short-on-storage in the EUDSA		616
SMSEUCSS	BINARY	STAT	R64BODY	R64UCSS	4	AVG	No	Number of EUDSA requests suspended		600
SMSFRMGFLSZ	BINARY	STAT	MSGLOBAL	SMSFROMGUARDFAILSIZE	8	LIKE	No	The largest failing IARV64 CONVERT(FROMGUARD) request	E640 E650 E660	1988
SMSFRMGRDFL	BINARY	STAT	MSGLOBAL	SMSFROMGUARDFAIL	8	LIKE	No	Number of IARV64 CONVERT(FROMGUARD) failures	E640 E650 E660	1980
SMSGCASR	BINARY	STAT	SMSBODY	SMSASR	4	AVG	No	Number of GCDSA ADD_SUBPOOL requests	E640	1792

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
SMSGCCREL	BINARY	STAT	SMSBODY	SMSCREL	8	LIKE	No	Number of cushion releases	E640 E650 E660	2052
SMSGCCRISS	BINARY	STAT	SMSBODY	SMSCRISS	4	AVG	No	Number of GCDSA requests failing with no storage	E640	1800
SMSGCCSIZE	BINARY	STAT	SMSBODY	SMSCSIZE	8	LIKE	No	Current GCDSA cushion size	E640 E650 E660	2044
SMSGCCSS	BINARY	STAT	SMSBODY	SMSCSS	4	AVG	No	Current requests suspended for GCDSA storage	E640	1808
SMSGCCSUBP	BINARY	STAT	SMSBODY	SMSCSUBP	4	AVG	No	Current number of subpools in GCDSA	E640	1832
SMSGCDSASZ	BINARY	STAT	SMSBODY	SMSDSASZ	8	AVG	No	Current size of GCDSA	E640	1768
SMSGCDSR	BINARY	STAT	SMSBODY	SMSDSR	4	AVG	No	Number of GCDSA DELETE_SUBPOOL requests	E640	1796
SMSGCFMREQ	BINARY	STAT	SMSBODY	SMSFMREQ	4	AVG	No	Number of GCDSA FREEMAIN requests	E640	1788
SMSGCFSTG	BINARY	STAT	SMSBODY	SMSFSTG	8	LIKE	No	GCDSA Free storage	E640 E650 E660	2060
SMSGCGMREQ	BINARY	STAT	SMSBODY	SMSGMREQ	4	AVG	No	Number of GCDSA GETMAIN requests	E640	1784
SMSGCHWMSS	BINARY	STAT	SMSBODY	SMSHWMSS	4	AVG	No	Peak number of GCDSA requests suspended	E640	1812
SMSGCLFA	BINARY	STAT	SMSBODY	SMSLFA	8	LIKE	No	Largest free area in GCDSA	E640 E650 E660	2084
SMSGCPWWS	BINARY	STAT	SMSBODY	SMSPWWS	4	AVG	No	Number of GCDSA requests purged	E640	1816
SMSGCSOS	BINARY	STAT	SMSBODY	SMSOS	4	AVG	No	Number of times short-on-storage occurred in GCDSA	E640	1820
SMSGCSV	BINARY	STAT	SMSBODY	SMSSV	4	AVG	No	Number of GCDSA storage violations	E640	1836
SMSGCTSOS	INTTSTP	STAT	SMSBODY	SMSTSOS	8	AVG	No	Total time spent short-on-storage in the GCDSA	E640	1824
SMSGCUCSS	BINARY	STAT	SMSBODY	SMSUCSS	4	AVG	No	Number of GCDSA requests suspended	E640	1804
SMSGDSAActiv	BINARY	STAT	SMSGLOBAL	SMSGDSAActivE	8	AVG	No	The current GDSA active	E640	1736
SMSGDAAALOC	BINARY	STAT	SMSGLOBAL	SMSGDAAALOC	8	LIKE	No	Current GDSA allocated	E640 E650 E660	1996
SMSGDSALIMIT	CNUMERIC	STAT	SMSGLOBAL	SMSMEMLIMIT	8	AVG	No	Current GDSA limit	E640 E650 E660	2208
SMSGDSATOTAL	BINARY	STAT	SMSGLOBAL	SMSGDSAActivE	8	AVG	No	Total storage currently allocated to GDSAs	E640 E650 E660	2092
SMSGETSTORSZ	BINARY	STAT	SMSGLOBAL	SMSGETSTORSIZE	8	AVG	No	The GETSTOR request size	E640	1712

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Set	Description	Get Invali d	Offs et
SMSGASR	BINARY	STAT	SMSBODY	SMSASR	4	AVG	No	Number of GSDSA ADD_SUBPOOL requests	E640 E650 E660 E670	252 0
SMSGSCREL	BINARY	STAT	SMSBODY	SMSGREL	8	LIKE	No	Number of GSDSA cushion releases	E640 E650 E660 E670	263 2
SMSGSCRISS	BINARY	STAT	SMSBODY	SMSGCRISS	4	AVG	No	Number of GSDSA requests failing with no storage	E640 E650 E660 E670	252 8
SMSGSCSIZE	BINARY	STAT	SMSBODY	SMSGCSIZE	8	LIKE	No	Current GSDSA cushion size	E640 E650 E660 E670	262 4
SMSGSCSS	BINARY	STAT	SMSBODY	SMSGCSS	4	AVG	No	Current requests suspended for GSDSA storage	E640 E650 E660 E670	253 6
SMSGSCSUBP	BINARY	STAT	SMSBODY	SMSGCSUBP	4	AVG	No	Current number of subpools in GSDSA	E640 E650 E660 E670	256 0
SMSGSDSASZ	BINARY	STAT	SMSBODY	SMSGDSASZ	8	AVG	No	Current size of GSDSA	E640 E650 E660 E670	249 6
SMSGSDSR	BINARY	STAT	SMSBODY	SMSGDSR	4	AVG	No	Number of GSDSA DELETE_SUBPOOL requests	E640 E650 E660 E670	252 4
SMSGSFREQ	BINARY	STAT	SMSBODY	SMSGFMREQ	4	AVG	No	Number of GSDSA FREEMAIN requests	E640 E650 E660 E670	251 6
SMSGSFSTG	BINARY	STAT	SMSBODY	SMSGFSTG	8	LIKE	No	GSDSA Free storage	E640 E650 E660 E670	264 0
SMSGSGMREQ	BINARY	STAT	SMSBODY	SMSGGMREQ	4	AVG	No	Number of GSDSA GETMAIN requests	E640 E650 E660 E670	251 2
SMSGSHWMSS	BINARY	STAT	SMSBODY	SMSGHWMSS	4	AVG	No	Peak number of GSDSA requests suspended	E640 E650 E660 E670	254 0
SMSGSLFA	BINARY	STAT	SMSBODY	SMSGSLFA	8	LIKE	No	Largest free area in GSDSA	E640 E650 E660 E670	266 4
SMSGSPWWS	BINARY	STAT	SMSBODY	SMSGPWWS	4	AVG	No	Number of GSDSA requests purged	E640 E650 E660 E670	254 4
SMSGSSOS	BINARY	STAT	SMSBODY	SMSGSSOS	4	AVG	No	Number of times short on storage occurred in GSDSA	E640 E650 E660 E670	254 8

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
SMSGSSV	BINARY	STAT	SMSBODY	SMSSV	4	AVG	No	Number of GSDSA storage violations	E640 E650 E660 E670	2564
SMSGSTSOS	INTTSTP	STAT	SMSBODY	SMSTSOS	8	AVG	No	Total time spent short on storage in the GSDSA	E640 E650 E660 E670	2552
SMSGUCSS	BINARY	STAT	SMSBODY	SMSUCSS	4	AVG	No	Number of GSDSA requests suspended	E640 E650 E660 E670	2532
SMSGUASR	BINARY	STAT	SMSBODY	SMSASR	4	AVG	No	Number of GUDSA ADD_SUBPOOL requests	E640 E650 E660 E670	2340
SMSGUCREL	BINARY	STAT	SMSBODY	SMSCREL	8	LIKE	No	Number of GUDSA cushion releases	E640 E650 E660 E670	2456
SMSGUCRISS	BINARY	STAT	SMSBODY	SMSCRISS	4	AVG	No	Number of GUDSA requests failing with no storage	E640 E650 E660 E670	2348
SMSGUCSIZE	BINARY	STAT	SMSBODY	SMSCSIZE	8	LIKE	No	Current GUDSA cushion size	E640 E650 E660 E670	2448
SMSGUCSS	BINARY	STAT	SMSBODY	SMSCSS	4	AVG	No	Current requests suspended for GUDSA storage	E640 E650 E660 E670	2356
SMSGUCSUBP	BINARY	STAT	SMSBODY	SMSCSUBP	4	AVG	No	Current number of subpools in GUDSA	E640 E650 E660 E670	2384
SMSGUDSASZ	BINARY	STAT	SMSBODY	SMSDSASZ	8	AVG	No	Current size of GUDSA	E640 E650 E660 E670	2316
SMSGUDSR	BINARY	STAT	SMSBODY	SMDSR	4	AVG	No	Number of GUDSA DELETE_SUBPOOL requests	E640 E650 E660 E670	2344
SMSGUFMREQ	BINARY	STAT	SMSBODY	SMSFMREQ	4	AVG	No	Number of GUDSA FREEMAIN requests	E640 E650 E660 E670	2336
SMSGUFSTG	BINARY	STAT	SMSBODY	SMSFSTG	8	LIKE	No	GUDSA Free storage	E640 E650 E660 E670	2464
SMSGUGMREQ	BINARY	STAT	SMSBODY	SMSGMREQ	4	AVG	No	Number of GUDSA GETMAIN requests	E640 E650 E660 E670	2332
SMSGUHMSS	BINARY	STAT	SMSBODY	SMSHWMSS	4	AVG	No	Peak number of GUDSA requests suspended	E640 E650 E660 E670	2360

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
SMSGULFA	BINARY	STAT	SMSBODY	SMSLFA	8	LIKE	No	Largest free area in GUDSA	E640 E650 E660 E670	2488
SMSGUPWWS	BINARY	STAT	SMSBODY	SMPWWS	4	AVG	No	Number of GUDSA requests purged	E640 E650 E660 E670	2364
SMSGUSOS	BINARY	STAT	SMSBODY	SMSOS	4	AVG	No	Number of times short on storage occurred in GUDSA	E640 E650 E660 E670	2368
SMSGUSV	BINARY	STAT	SMSBODY	SMSV	4	AVG	No	Number of GUDSA storage violations	E640 E650 E660 E670	2388
SMSGUTSOS	INTTSTP	STAT	SMSBODY	SMSTSOS	8	AVG	No	Total time spent short on storage in the GUDSA	E640 E650 E660 E670	2376
SMSGUUCSS	BINARY	STAT	SMSBODY	SMSUCSS	4	AVG	No	Number of GUDSA requests suspended	E640 E650 E660 E670	2352
SMSHGDSAALC	BINARY	STAT	SMSGLOBAL	SMSHWMGDSA ALLOC	8	LIKE	No	Peak GDSA allocated	E640 E650 E660	2004
SMSHPGSNREAL	BINARY	STAT	SMSGLOBAL	SMSHVGPAGES INREAL	8	LIKE	No	Peak number of real storage frames to back 64-bit private memory	E640 E650 E660	2020
SMSHVAXSLTS	BINARY	STAT	SMSGLOBAL	SMSHVAUXSLO TS	8	LIKE	No	Number of aux slots used to back 64-bit private storage	E640 E650 E660	1940
SMSHVGAXSTS	BINARY	STAT	SMSGLOBAL	SMSHVGAUXSL OTS	8	LIKE	No	Peak number of aux slots used to back 64-bit private storage	E640 E650 E660	1948
SMSHWMASACT	BINARY	STAT	SMSGLOBAL	SMSHWMASAC TIVE	8	AVG	No	Peak address space that can be addressed	E640	1728
SMSHWMCDSA	BINARY	STAT	R64BODY	R64HWMDASZ	4	AVG	No	Peak size of CDSA		88
SMSHWMDSATOT	BINARY	STAT	R64GLOBAL	R64HWMDSAT OTAL	4	AVG	No	Peak amount of storage allocated to DSAs		72
SMSHWMECDSA	BINARY	STAT	R64BODY	R64HWMDASZ	4	AVG	No	Peak size of ECDSA		476
SMSHWMEDSATO	BINARY	STAT	R64GLOBAL	R64HWMDSAT OTAL	4	AVG	No	Peak amount of storage allocated to EDSAs		76
SMSHWMERDSA	BINARY	STAT	R64BODY	R64HWMDASZ	4	AVG	No	Peak size of ERDSA		764
SMSHWMESDSA	BINARY	STAT	R64BODY	R64HWMDASZ	4	AVG	No	Peak size of ESDSA		668
SMSHWMETDSA	BINARY	STAT	SMSBODY	SMSHWMDSAS Z	4	AVG	No	Peak size of ETDSA	E640 E650 E660	2112
SMSHWMEUDSA	BINARY	STAT	R64BODY	R64HWMDASZ	4	AVG	No	Peak size of EUDSA		572
SMSHWMGCDSA	BINARY	STAT	SMSBODY	SMSHWMDSAS Z	8	AVG	No	Peak size of GCDSA	E640	1776
SMSHWMGCFSTG	BINARY	STAT	SMSBODY	SMSHWMFSTG	8	LIKE	No	Peak amount of GCDSA free storage (inc cushion)	E640 E650 E660	2068
SMSHWMGDSAAC	BINARY	STAT	SMSGLOBAL	SMSHWMGDSA ACTIVE	8	AVG	No	The peak amount of storage available for use above the bar	E640	1744

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
SMSHWMGDSATO	BINARY	STAT	SMSGLOBAL	SMSHWMGDSA ALLOC	8	AVG	No	Peak amount of storage allocated to GDSAs	E640 E650 E660	210 0
SMSHWMGSDSA	BINARY	STAT	SMSBODY	SMSHWMDSAS Z	8	AVG	No	Peak size of GSDSA	E640 E650 E660 E670	250 4
SMSHWMGSFSTG	BINARY	STAT			8	LIKE	No	Peak amount of GSDSA free storage (inc cushion)	E640 E650 E660 E670	264 8
SMSHWMGUDSA	BINARY	STAT	SMSBODY	SMSHWMDSAS Z	8	AVG	No	Peak size of GUDSA	E640 E650 E660 E670	232 4
SMSHWMGUFSTG	BINARY	STAT			8	LIKE	No	Peak amount of GUDSA free storage (inc cushion)	E640 E650 E660 E670	247 2
SMSHWMRDSA	BINARY	STAT	R64BODY	R64HWMDSASZ	4	AVG	No	Peak size of RDSA		380
SMSHWMSDSA	BINARY	STAT	R64BODY	R64HWMDSASZ	4	AVG	No	Peak size of SDSA		284
SMSHWMUDSA	BINARY	STAT	R64BODY	R64HWMDSASZ	4	AVG	No	Peak size of UDSA		188
SMSLRGMEMOBJ	BINARY	STAT	SMSGLOBAL	SMSLARGEMEM OBJ	8	LIKE	No	Number of Large Memory Objects allocated	E640 E650 E660	202 8
SMSLRGPGBNRL	BINARY	STAT	SMSGLOBAL	SMSLARGEPAG ESINREAL	8	LIKE	No	Number of Large Pages owned by this address space	E640 E650 E660	203 6
SMSLVABYTES	BINARY	STAT	SMSGLOBAL	SMSLVABYTES	8	LIKE	No	Number of bytes allocated from large virtual memory	E640 E650 E660	190 8
SMSLVGBYTES	BINARY	STAT	SMSGLOBAL	SMSLVGBYTES	8	LIKE	No	Peak number of usable bytes within large virtual memory objects	E640 E650 E660	192 4
SMSLVHBYTES	BINARY	STAT	SMSGLOBAL	SMSLVHBYTES	8	LIKE	No	Number of bytes hidden with large virtual memory objects	E640 E650 E660	191 6
SMSLVNMOMBS	BINARY	STAT	SMSGLOBAL	SMSLVNMEMOB J	8	LIKE	No	Number of private memory objects allocated	E640 E650 E660	193 2
SMSLVSHRBTS	BINARY	STAT	SMSGLOBAL	SMSLVSHRBYT ES	8	LIKE	No	Number of shared bytes allocated from high virtual memory	E640 E650 E660	195 6
SMSLVSHRGBS	BINARY	STAT	SMSGLOBAL	SMSLVSHRGBY TES	8	LIKE	No	Peak number of shared bytes within large virtual memory objects	E640 E650 E660	196 4
SMSLVSHRNMO	BINARY	STAT	SMSGLOBAL	SMSLVSHRNME MOBJ	8	LIKE	No	Number of shared memory objects allocated	E640 E650 E660	197 2
SMSLWMGCFSTG	BINARY	STAT	SMSBODY	SMSLWMFSTG	8	LIKE	No	Lowest amount of GCDSA free storage (inc cushion)	E640 E650 E660	207 6
SMSLWMGSFSTG	BINARY	STAT			8	LIKE	No	Lowest amount of GSDSA free storage (inc cushion)	E640 E650 E660 E670	265 6
SMSLWMGUFSTG	BINARY	STAT			8	LIKE	No	Lowest amount of GUDSA free storage (inc cushion)	E640 E650 E660 E670	248 0

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
SMSMEMLIMIT	CNUMERIC	STAT	SMSGLOBAL	SMSMEMLIMIT	8	AVG	No	Maximum amount of above bar storage	E640	1704
SMSMEMLIMSRC	EYUDA	STAT	SMSGLOBAL	SMSMEMLIMIT SRC	4	LIKE	No	The source setting the memory limit	E640	1700
SMSMEMLIMSRC Output valid values	<ul style="list-style-type: none"> <li>• JCL</li> <li>• REGION</li> <li>• SMF</li> <li>• IEFUSI</li> </ul>									
SMSNPAGP	BINARY	STAT	R64GLOBAL	R64NPAGP	2	AVG	No	Number of page pools		16
SMSGPGSINREAL	BINARY	STAT	SMSGLOBAL	SMSHVPAGESI NREAL	8	LIKE	No	Number of real storage frames used for 64-bit private memory	E640 E650 E660	2012
SMSRASR	BINARY	STAT	R64BODY	R64ASR	4	AVG	No	Number of RDSA ADD_SUBPOOL requests		396
SMSRCREL	BINARY	STAT	R64BODY	R64CREL	4	AVG	No	Number of RDSA cushion releases		420
SMSRCRISS	BINARY	STAT	R64BODY	R64CRISS	4	AVG	No	Number of RDSA requests failing with no storage		404
SMSRCSIZE	BINARY	STAT	R64BODY	R64CSIZE	4	AVG	No	Current RDSA cushion size		384
SMSRCSUBP	BINARY	STAT	R64BODY	R64CSUBP	4	AVG	No	Current number of RDSA subpools		436
SMSRDSASZ	BINARY	STAT	R64BODY	R64DSASZ	4	AVG	No	Current size of RDSA		376
SMSRDSR	BINARY	STAT	R64BODY	R64DSR	4	AVG	No	Number of RDSA DELETE_SUBPOOL requests		400
SMSRENTPGM	EYUDA	STAT	R64GLOBAL	R64RENTPGM	4	LIKE	No	Reentrant program protection status		24
SMSRENTPGM Output valid values	<ul style="list-style-type: none"> <li>• REENTPROT</li> <li>• NOREENTPROT</li> </ul>									
SMSREXTS	BINARY	STAT	R64BODY	R64EXTS	4	AVG	No	Number of RDSA extents		460
SMSREXTSA	BINARY	STAT	R64BODY	R64EXTSA	4	AVG	No	Number of RDSA extents added		464
SMSREXTSR	BINARY	STAT	R64BODY	R64EXTSR	4	AVG	No	Number of RDSA extents released		468
SMSRFMREQ	BINARY	STAT	R64BODY	R64FMREQ	4	AVG	No	Number of RDSA FREEMAIN requests		392
SMSRFSTG	BINARY	STAT	R64BODY	R64FSTG	4	AVG	No	Size of RDSA free storage including cushion		440
SMSRGMREQ	BINARY	STAT	R64BODY	R64GMREQ	4	AVG	No	Number of RDSA GETMAIN requests		388
SMSRHWMFSTG	BINARY	STAT	R64BODY	R64HWMFSTG	4	AVG	No	Peak RDSA free storage level		444
SMSRHMSS	BINARY	STAT	R64BODY	R64HWMSS	4	AVG	No	Peak number of RDSA requests suspended		412
SMSRLFA	BINARY	STAT	R64BODY	R64LFA	4	AVG	No	Largest RDSA free area		452
SMSRLWMFSTG	BINARY	STAT	R64BODY	R64LWMFSTG	4	AVG	No	Lowest RDSA free storage level		448
SMSRPWWS	BINARY	STAT	R64BODY	R64PWWS	4	AVG	No	Number of RDSA requests purged		416
SMSRQWAITMVS	BINARY	STAT	R64GLOBAL	R64MVSSTGRE QWAITS	4	AVG	No	Number of requests for MVS storage causing wait		1696



Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
SMRSOS	BINARY	STAT	R64BODY	R64SOS	4	AVG	No	Number of times short-on-storage occurred in RDSA		432
SMRSV	BINARY	STAT	R64BODY	R64SV	4	AVG	No	Number of RDSA storage violations		456
SMSRTSOS	INTTSTP	STAT	R64BODY	R64TSOS	8	AVG	No	Total time spent short-on-storage in the RDSA		424
SMSRUSS	BINARY	STAT	R64BODY	R64UCSS	4	AVG	No	Number of RDSA requests suspended		408
SMSSASR	BINARY	STAT	R64BODY	R64ASR	4	AVG	No	Number of SDSA ADD_SUBPOOL requests		300
SMSSCREL	BINARY	STAT	R64BODY	R64CREL	4	AVG	No	Number of SDSA cushion releases		324
SMSSCRISS	BINARY	STAT	R64BODY	R64CRISS	4	AVG	No	Number of SDSA requests failing with no storage		308
SMSSCSIZE	BINARY	STAT	R64BODY	R64CSIZE	4	AVG	No	Current SDSA cushion size		288
SMSSCSUBP	BINARY	STAT	R64BODY	R64CSUBP	4	AVG	No	Current number of subpools in the SDSA		340
SMSSDSASZ	BINARY	STAT	R64BODY	R64DSASZ	4	AVG	No	Current size of SDSA		280
SMSSDSR	BINARY	STAT	R64BODY	R64DSR	4	AVG	No	Number of SDSA DELETE_SUBPOOL requests		304
SMSSEXTS	BINARY	STAT	R64BODY	R64EXTS	4	AVG	No	Number of extents in the SDSA		364
SMSSEXTSA	BINARY	STAT	R64BODY	R64EXTSA	4	AVG	No	Number of SDSA extents added		368
SMSSEXTSR	BINARY	STAT	R64BODY	R64EXTSR	4	AVG	No	Number of SDSA extents released		372
SMSSFMREQ	BINARY	STAT	R64BODY	R64FMREQ	4	AVG	No	Number of SDSA FREEMAIN requests		296
SMSSFSTG	BINARY	STAT	R64BODY	R64FSTG	4	AVG	No	Size of SDSA free storage including cushion		344
SMSSGMREQ	BINARY	STAT	R64BODY	R64GMREQ	4	AVG	No	Number of SDSA GETMAIN requests		292
SMSSHWMFSTG	BINARY	STAT	R64BODY	R64HWMFSTG	4	AVG	No	Peak SDSA free storage level		348
SMSSHWMSS	BINARY	STAT	R64BODY	R64HWMSS	4	AVG	No	Peak number of SDSA requests suspended		316
SMSSLFA	BINARY	STAT	R64BODY	R64LFA	4	AVG	No	Largest SDSA free area		356
SMSSLWMFSTG	BINARY	STAT	R64BODY	R64LWMFSTG	4	AVG	No	Lowest SDSA free storage level		352
SMSSOSABAR	CVDAS	INQ			4	LIKE	No	Short on storage status above the bar	E640	1896
SMSSOSABAR Output valid values	<ul style="list-style-type: none"> <li>• SOS</li> <li>• NOTSOS</li> </ul>									
SMSSOSALINE	CVDAS	INQ			4	LIKE	No	Short on storage status above the line	E640	1900
SMSSOSALINE Output valid values	<ul style="list-style-type: none"> <li>• SOS</li> <li>• NOTSOS</li> </ul>									
SMSSOSBLINE	CVDAS	INQ			4	LIKE	No	Short on storage status below the line	E640	1904

Table 77. CICSSTOR resource table attributes (continued)										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
SMSSOSBLINE Output valid values	<ul style="list-style-type: none"> <li>• SOS</li> <li>• NOTSOS</li> </ul>									
SMSSOSSTATUS	CVDAS	INQ			4	LIKE	No	Short on storage status below the bar		80
SMSSOSSTATUS Output valid values	<ul style="list-style-type: none"> <li>• SOS</li> <li>• NOTSOS</li> <li>• SOSABOVE</li> <li>• SOSBELOW</li> </ul>									
SMSSPWWS	BINARY	STAT	R64BODY	R64PWWS	4	AVG	No	Number of SDSA requests purged		320
SMSSSOS	BINARY	STAT	R64BODY	R64SOS	4	AVG	No	Number of times short-on-storage occurred in SDSA		336
SMSSSV	BINARY	STAT	R64BODY	R64SV	4	AVG	No	Number of SDSA storage violations		360
SMSSTGPROT	EYUDA	STAT	R64GLOBAL	R64STGPROT	4	LIKE	No	Storage protection status		20
SMSSTGPROT Output valid values	<ul style="list-style-type: none"> <li>• ACTIVE</li> <li>• INACTIVE</li> </ul>									
SMSSTSOS	INTTSTP	STAT	R64BODY	R64TSOS	8	AVG	No	Total time spent short-on-storage in the SDSA		328
SMSSUCSS	BINARY	STAT	R64BODY	R64UCSS	4	AVG	No	Number of SDSA requests suspended		312
SMSTMWAITMVS	INTTSTP	STAT	R64GLOBAL	R64TIMEWAIT MVS	8	AVG	No	Total time waiting for MVS storage		1688
SMSTRANISO	EYUDA	STAT	R64GLOBAL	R64TRANISO	4	LIKE	No	Transaction isolation status		28
SMSTRANISO Output valid values	<ul style="list-style-type: none"> <li>• ACTIVE</li> <li>• INACTIVE</li> </ul>									
SMSUASR	BINARY	STAT	R64BODY	R64ASR	4	AVG	No	Number of UDSA ADD_SUBPOOL requests		204
SMSUCREL	BINARY	STAT	R64BODY	R64CREL	4	AVG	No	Number of UDSA cushion releases		228
SMSUCRISS	BINARY	STAT	R64BODY	R64CRISS	4	AVG	No	Number of UDSA requests failing with no storage		212
SMSUCSIZE	BINARY	STAT	R64BODY	R64CSIZE	4	AVG	No	Current UDSA cushion size		192
SMSUCSUBP	BINARY	STAT	R64BODY	R64CSUBP	4	AVG	No	Current number of subpools in the UDSA		244
SMSUDSASZ	BINARY	STAT	R64BODY	R64DSASZ	4	AVG	No	Current size of UDSA		184
SMSUDSR	BINARY	STAT	R64BODY	R64DSR	4	AVG	No	Number of UDSA DELETE_SUBPOOL requests		208
SMSUEXTS	BINARY	STAT	R64BODY	R64EXTS	4	AVG	No	Number of UDSA extents		268
SMSUEXTSA	BINARY	STAT	R64BODY	R64EXTSA	4	AVG	No	Number of UDSA extents added		272
SMSUEXTSR	BINARY	STAT	R64BODY	R64EXTSR	4	AVG	No	Number of UDSA extents released		276
SMSUFMREQ	BINARY	STAT	R64BODY	R64FMREQ	4	AVG	No	Number of UDSA FREEMAIN requests		200
SMSUFSTG	BINARY	STAT	R64BODY	R64FSTG	4	AVG	No	Size of UDSA free storage including cushion		248

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
SMSUGMREQ	BINARY	STAT	R64BODY	R64GMREQ	4	AVG	No	Number of UDSA GETMAIN requests		196
SMSUHWMFSTG	BINARY	STAT	R64BODY	R64HWMFSTG	4	AVG	No	Peak UDSA free storage level		252
SMSUHWMS	BINARY	STAT	R64BODY	R64HWMSS	4	AVG	No	Peak number of UDSA requests suspended		220
SMSULFA	BINARY	STAT	R64BODY	R64LFA	4	AVG	No	Largest UDSA free area		260
SMSULWMFSTG	BINARY	STAT	R64BODY	R64LWMFSTG	4	AVG	No	Lowest UDSA free storage level		256
SMSUPWWS	BINARY	STAT	R64BODY	R64PWWS	4	AVG	No	Number of UDSA requests purged		224
SMSUSOS	BINARY	STAT	R64BODY	R64SOS	4	AVG	No	Number of times short-on-storage occurred in UDSA		240
SMSUSSCUM	BINARY	STAT	R64GLOBAL	R64USSCUM	4	AVG	No	Total number of unique subspace users		36
SMSUSSCUR	BINARY	STAT	R64GLOBAL	R64USSCUR	4	AVG	No	Current number of unique subspace users		32
SMSUSSHWM	BINARY	STAT	R64GLOBAL	R64USSHWM	4	AVG	No	Peak number of unique subspace users		40
SMSUSV	BINARY	STAT	R64BODY	R64SV	4	AVG	No	Number of UDSA storage violations		264
SMSUTSOS	INTTSTP	STAT	R64BODY	R64TSOS	8	AVG	No	Total time spent short-on-storage in the UDSA		232
SMSUUCSS	BINARY	STAT	R64BODY	R64UCSS	4	AVG	No	Number of UDSA requests suspended		216
SNONIMMGET	BINARY	CPSM			8	AVG	No	Number of SDSA non-immediate GETMAIN requests		1104
SRATECREL	RATE3	CPSM			8	AVG	No	SDSA cushion release rate		1128
SRATEEXTSA	RATE3	CPSM			8	AVG	No	SDSA extent increase rate		1152
SRATEEXTSR	RATE3	CPSM			8	AVG	No	SDSA extent release rate		1160
SRATEFM	RATE3	CPSM			8	AVG	No	SDSA FREEMAIN request rate		1096
SRATEGM	RATE3	CPSM			8	AVG	No	SDSA GETMAIN request rate		1088
SRATESTORV	RATE3	CPSM			8	AVG	No	SDSA storage violation rate		1144
UAVGTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short-on-storage (SOS) in UDSA		1032
UNONIMMGET	BINARY	CPSM			8	AVG	No	Number of UDSA non-immediate GETMAIN requests		1000
URATECREL	RATE3	CPSM			8	AVG	No	UDSA cushion release rate		1024
URATEEXTSA	RATE3	CPSM			8	AVG	No	UDSA extent increase rate		1048
URATEEXTSR	RATE3	CPSM			8	AVG	No	UDSA extent release rate		1056
URATEFM	RATE3	CPSM			8	AVG	No	UDSA FREEMAIN request rate		992

Table 77. CICSSTOR resource table attributes (continued)										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
URATEGM	RATE3	CPSM			8	AVG	No	UDSA GETMAIN request rate		984
URATESTORV	RATE3	CPSM			8	AVG	No	UDSA storage violation rate		1040

# Chapter 31. CLCACHE Resource Table

A CICS resource that provides information about the shared class cache for pooled JVMs. This resource is not supported in CICS TS 5.1 and later versions.

There is no key field for this resource class.

The following actions are supported:

**PHASEOUT**

Mark pooled JVMs for deletion.

**PURGE**

Terminate all tasks that use pooled JVMs in the shared class cache by using the **SET TASK PURGE** command.

**FORCEPURGE**

Terminate all tasks that use pooled JVMs in the shared class cache by using the **SET TASK FORCEPURGE** command.

**START**

Start the shared class cache for pooled JVMs.

**RELOAD**

Reload the shared class cache for pooled JVMs.

**External resource name(CMCI)**

CICSJVMClassCache

**Object type**

CICS Resource

**Length**

80

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0139

**CICS Commands subject to CICS Security**

INQUIRE CLASSCACHE

Table 78. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	PHASEOUT	AUTOSTARTST(ENABLED, DISABLED)	No

Table 78. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	PURGE	AUTOSTARTST(ENABLED, DISABLED)	No
	FORCEPURGE	AUTOSTARTST(ENABLED, DISABLED)	No
	START	CACHESIZE(value)	No
		PROFILE(value)	No
	RELOAD	CACHESIZE(value)	No
		PROFILE(value)	No

Table 79. CLCACHE resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
AUTOSTARTST	CVDAS	INQ	CLASSCACHE	AUTOSTARTST	4	LIKE	Yes	Autostart status	ENABLED		20
AUTOSTARTST Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>										
CACHEFREE	BINARY	INQ	CLASSCACHE	CACHEFREE	8	AVG	No	Amount in bytes of free space within the cache			44
CACHESIZE	BINARY	INQ	CLASSCACHE	CACHESIZE	8	AVG	No	Size of the class cache in bytes			36
JVMREQSCACHE	BINARY	STAT	DFHSJGDS	SJG_JVM_REQS_CACHE	4	AVG	No	JVM requests - class cache			76
OLDCACHES	BINARY	INQ	CLASSCACHE	OLDCACHES	4	AVG	No	Number of class caches waiting for JVMs to terminate			24
PEAKCACHEJVM	BINARY	STAT	DFHSJGDS	SJG_PEAK_CACHE_JVMS	4	AVG	No	Peak pooled (class cache) JVMs			72
PHASINGOUT	BINARY	INQ	CLASSCACHE	PHASINGOUT	4	AVG	No	Number of JVMs being phased-out			16
PROFILE	CHAR	INQ	CLASSCACHE	PROFILE	8	DIF F	No	Profile used to start or used to reload the cache		E660 +	28
REUSEST	CVDAS	INQ			4	LIKE	No	JVM reuse status			68
REUSEST Output valid values	<ul style="list-style-type: none"> <li>• REUSE</li> <li>• RESET</li> <li>• UNKNOWN</li> </ul>										
STARTTIME	DATETIME	INQ	CLASSCACHE	STARTTIME	8	MAX	No	The time that the class cache was started			56
STATUS	CVDAS	INQ	CLASSCACHE	STATUS	4	LIKE	No	Class cache status			52
STATUS Output valid values	<ul style="list-style-type: none"> <li>• STARTED</li> <li>• STARTING</li> <li>• STOPPED</li> <li>• RELOADING</li> </ul>										

Table 79. CLCACHE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
TOTALJVMS	BINARY	INQ	CLASSCACHE	TOTALJVMS	4	AVG	No	Number of JVMs dependent on the class cache			64





# Chapter 32. CMASLIST Resource Table

A CPSM Communications Manager object that describes a CMAS instance and its connection characteristics as viewed by the current context CMAS. Each object instance reports on a particular CMAS. The object instance for the CMAS in which the GET was requested is identified by the ACESSTYPE(LOCAL) attribute. The CMASLIST resource table and its actions may be accessed on behalf of any CMAS with a direct or indirect connection to the CMAS to which the API program is connected.

Once a CMAS instance is discovered by CICSplex SM communications, it retains knowledge of the instance until the network is terminated. Network termination occurs when all CMAS instances are shutdown.

The **Primary** key field for this resource class is CMASNAME.

The following actions are supported:

**SHUTDOWN**

Shutdown the CMAS

**PURGE**

Purge incore ESM security profiles

**SECUREBUILD**

Rebuild the ESM Security profiles

These actions require no unique parameter data.

**External resource name(CMCI)**

CICSCICSManagingAddressSpaceList

**Object type**

CICSplex SM Manager

**Length**

56

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

Yes

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2450

**Security Class**

CONFIG.DEF

Table 80. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	SHUTDOWN	None	N/A

Table 80. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
	PURGE	None	N/A
	SECREBUILD	None	N/A
	RESET	USERID(value)	Yes
	RESETTIME	None	N/A
	CPSMDUMP	ASID(value)	No
		BAS	No
		CHE	No
		COM	No
		DAT	No
		KNL	No
		MAS	No
		MON	No
		MSG	No
		QUE	No
		RTA	No
		SIM	No
		SLM	No
		SRV	No
		TOP	No
		TRC	No
		WLM	No

Table 81. CMASLIST FEEDBACK error codes		
Value	Code	Description
1	CMASLIST_INV_DATA	Invalid attribute data
2	CMASLIST_REC_NOT_FOUND	Requested resource not found
22	CMASLIST_SECURITY_NOT_ACTIVE	Security not active
23	CMASLIST_INV_USERID	User ID missing or invalid

Table 82. CMASLIST resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
CMASNAME-1	CHAR	CPSM	8	DIFF	CMAS	0
ACCESSTYPE	EYUDA	CPSM	4	LIKE	Type of access	28
ACCESSTYPE Output valid values	<ul style="list-style-type: none"> <li>N_A</li> <li>LOCAL</li> <li>ADJACENT</li> <li>INDIRECT</li> </ul>					
CPSMVER	CHAR	CPSM	4	DIFF	CPSM version of CMAS	20
JOBID	CHAR	CPSM	8	DIFF	MVS job ID	42

Table 82. CMASLIST resource table attributes (continued)						
Name	Datatype	Source	Len	Sum	Description	Offset
JOBNAME	CHAR	CPSM	8	DIFF	MVS job name	34
STATUS	EYUDA	CPSM	4	LIKE	Status of CMAS	24
STATUS Output valid values	<ul style="list-style-type: none"> <li>• N_A</li> <li>• INACTIVE</li> <li>• ACTIVE</li> <li>• LOSTCON</li> <li>• CREATING</li> </ul>					
SYSID	CHAR	CPSM	4	DIFF	CICS system ID	16
TRANSITCMAS	CHAR	CPSM	8	DIFF	First transit CMAS	8
TRANSITCNT	BINARY	CPSM	2	AVG	Number of transit CMASs	32



## Chapter 33. CMASPLEX Resource Table

A CPSM Communications Manager object that describes the management responsibility of a CMAS for a particular CICSplex.

The **Primary** key field for this resource class is PLEXNAME.

The **Secondary** key field for this resource class is MPSTATE.

### External resource name(CMCI)

CICSCICSplexList

### Object type

CICSplex SM Manager

### Length

48

### Usage

API, WUI, CICS Management Client Interface(CMCI)

### API view

No

### CMAS context

Yes

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2452

### Security Class

CONFIG.DEF

Table 83. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	REMPLEX	None	N/A
	FORCEREMPLEX	None	N/A

Table 84. CMASPLEX FEEDBACK error codes		
Value	Code	Description
2	CMASPLEX_REC_NOT_FOUND	Requested resource not found
26	CMASPLEX_INV_NAMELIST	Invalid name list
27	CMASPLEX_MAS_ACTIVE	A connected MAS is active
28	CMASPLEX_NOT_FOUND	CICSplex not found
29	CMASPLEX_NOT_SUPPORTED	ACTION not supported by CMAS
30	CMASPLEX_BAD_REMOVE	MPSTATE must be INVALID for REMPLEX action

Table 84. CMASPLEX FEEDBACK error codes (continued)

Value	Code	Description
31	CMASPLEX_BAD_FRCREM	MPSTATE must be NOTCONNECTED for FORCEREMPLEX action
32	CMASPLEX_BAD_ACTION	Invalid ACTION parameter specified

Table 85. CMASPLEX resource table attributes

Name	Datatype	Source	Len	Sum	Description	Default	Value Range	Offset
PLEXNAME-1	CHAR	CPSM	8	DIFF	CICSplex			0
MPSTATE-2	EYUDA	CPSM	4	LIKE	State of MP CMAS			44
MPSTATE-2 Output valid values	<ul style="list-style-type: none"> <li>• VALID</li> <li>• INVALID</li> <li>• NOTCONNECTED</li> </ul>							
BOTRSUPD	BINARY	CPSM	1	DIFF	RS server bottom tier	1	1-25	24
DAYLGHTSV	EYUDA	CPSM	4	LIKE	Daylight saving time in effect			16
DAYLGHTSV Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>							
MPCMAS	CHAR	CPSM	8	DIFF	Maintenance point CMAS			33
MPSTATUS	EYUDA	CPSM	4	LIKE	CMAS is maintenance point			8
MPSTATUS Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>							
PERFINTVL	BINARY	CPSM	2	AVG	Performance interval duration			12
READRS	BINARY	CPSM	2	DIFF	RS server read interval	200	0-2000	20
RSPoolID	CHAR	CPSM	8	DIFF	RS server pool name	DFHRSTAT		25
TMEZONE	CHAR	CPSM	1	DIFF	Time zone			15
TMEZONEO	BINARY	CPSM	1	AVG	Time zone offset			14
TOPRSUPD	BINARY	CPSM	1	DIFF	RS server top tier	5	1-25	23
UPDATERS	BINARY	CPSM	1	DIFF	RS server update frequency	15	0-25	22

# Chapter 34. CMAS Resource Table

A CPSM Kernel Manager object that describes an active CMAS. Since a CMAS is itself a CICS system, selected CICS attributes are also provided. CMAS instances and actions can be accessed by setting the context of the request to the required CMAS. CRITERIA and filters may not be used to select multiple instances of the CMAS resource table. If you want to perform actions on more than one CMAS at a time, or use CRITERIA or filters to select the CMAS on which to act, use the CMASLIST resource table.

The **Primary** key field for this resource class is CMASNAME.

The following actions are supported:

**SHUTDOWN**

Shutdown the CMAS

**PURGE**

Purge incore ESM security profiles

**SECUREBUILD**

Rebuild the ESM Security profiles

These actions require no unique parameter data.

**External resource name(CMCI)**

CICSCICSManagingAddressSpace

**Object type**

CICSplex SM Manager

**Length**

344

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

Yes

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2451

**Security Class**

CONFIG.DEF

Table 86. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	SHUTDOWN	None	N/A
	PURGE	None	N/A
	SECUREBUILD	None	N/A

Table 86. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	RESET	USERID(value)	Yes
	RESEETIME	None	N/A
	CPSMDUMP	ASID(value)	No
		BAS	No
		CHE	No
		COM	No
		DAT	No
		KNL	No
		MAS	No
		MON	No
		MSG	No
		QUE	No
		RTA	No
		SIM	No
		SLM	No
		SRV	No
		TOP	No
		TRC	No
		WLM	No
	COMMAND	CMDTEXT(value)	Yes

Table 87. CMAS FEEDBACK error codes

Value	Code	Description
1	CMAS_INV_DATA	Attribute data invalid
2	CMAS_REC_NOT_FOUND	Requested resource not found
5	CMAS_REC_CHANGED	Resource definition already changed
21	CMAS_NO_ACTION_TO_PERFORM	No action to perform
22	CMAS_SECURITY_NOT_ACTIVE	Security not active
23	CMAS_INV_USERID	User ID missing or invalid
24	CMAS_INV_CMDTEXT	Command text invalid

Table 88. CMAS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Value Range	Get Invalid	Offset
CMASNAME-1	CHAR	CPSM	8	DIFF	No	CMAS			4
AMAXTASK	BINARY	STAT	2	AVG	No	Maximum number of active tasks			130
APPLID	CHAR	CPSM	8	DIFF	No	Application ID			20



Table 88. CMAS resource table attributes (continued)									
Name	Datatype	Source	Len	Sum	Set	Description	Value Range	Get Invalid	Offset
AUXSTATUS	CVDAS	INQ	4	LIKE	Yes	Auxiliary trace status			108
AUXSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• AUXSTART</li> <li>• AUXSTOP</li> <li>• AUXPAUSE</li> </ul>								
AUXSWITCH	CVDAS	INQ	4	LIKE	Yes	Auxiliary trace switch status			112
AUXSWITCH Input/output valid values	<ul style="list-style-type: none"> <li>• NOSWITCH</li> <li>• SWITCHALL</li> <li>• SWITCHNEXT</li> </ul>								
BASTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Business Application Services (BAS) trace flags			0
CASID	CHAR	CPSM	4	DIFF	No	Local coordinating address space (CAS) ID			36
CASSTATUS	EYUDA	CPSM	4	LIKE	No	Coordinating address space (CAS) connection status			120
CASSTATUS Output valid values	<ul style="list-style-type: none"> <li>• ACTIVE</li> <li>• INACTIVE</li> <li>• WAITING</li> <li>• LOSTCON</li> <li>• NOTAPPLIC</li> </ul>								
CETRACE	BITSTRIP	CPSM	4	LIKE	Yes	Cache services trace flags			152
COMTRACE	BITSTRIP	CPSM	4	AVG	Yes	Communications trace flags			164
CPSMVER	CHAR	CPSM	4	DIFF	No	CPSM version of CMAS			40
CPUTIME	INTUSEC	CPSM	8	MAX	No	Total CPU time used			56
CURRTASKS	BINARY	STAT	2	AVG	No	Current number of tasks			128
DATRACE	BITSTRIP	CPSM	4	LIKE	Yes	Data repository services trace flags			156
DAYLIGHT	EYUDA	CPSM	4	LIKE	Yes	Daylight saving time			268
DAYLIGHT Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>								
DREPDSN	CHAR	CPSM	44	DIFF	No	Data repository data set name			190
DREPSTATUS	CVDAS	INQ	4	LIKE	No	Data repository status			96
DREPSTATUS Output valid values	<ul style="list-style-type: none"> <li>• OPEN</li> <li>• CLOSED</li> <li>• OPENING</li> <li>• CLOSING</li> <li>• CLOSEREQUEST</li> </ul>								
FREEOSSBCNT	BINARY	CPSM	4	AVG	No	Number of CPSM program-working-storage blocks free			76
FREEOSSBUSE	BINARY	CPSM	4	AVG	No	Number of times free working-storage blocks used			80
GETMAINOSSB	BINARY	CPSM	4	AVG	No	Number of GETMAINs for working-storage blocks			84
GTFSTATUS	CVDAS	INQ	4	LIKE	Yes	Generalized trace facility (GTF) trace status			116
GTFSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• GTFSTART</li> <li>• GTFSTOP</li> </ul>								

Table 88. CMAS resource table attributes (continued)									
Name	Datatype	Source	Len	Sum	Set	Description	Value Range	Get Invalid	Offset
IRCSTATUS	CVDAS	INQ	4	LIKE	Yes	Interregion communication status			92
IRCSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• OPEN</li> <li>• CLOSED</li> </ul>								
IRCSTATUS Input valid values	<ul style="list-style-type: none"> <li>• IMMCLOSE</li> </ul>								
IRCSTATUS Output valid values	<ul style="list-style-type: none"> <li>• CLOSING</li> <li>• IMMCLOSING</li> </ul>								
JOBID	CHAR	CPSM	8	DIFF	No	MVS job ID			332
JOBNAME	CHAR	CPSM	8	DIFF	No	MVS job name			12
KNLTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Kernel linkage trace flags			136
MAXSTCB	BINARY	CPSM	4	AVG	No	Maximum number of STCBs allocated			272
MAXTASK	BINARY	STAT	4	AVG	Yes	Maximum number of active and suspended tasks	32-2000		184
MAXTCNT	BINARY	STAT	2	AVG	No	Number of times maximum task limit reached			134
MEMLIMIT	CNUMERIC	INQ	8	LIKE	No	Maximum amount of storage above the bar		E640	312
MONMCONN	BINARY	CPSM	4	AVG	No	Number of pending connection-monitoring queues			236
MONMFILE	BINARY	CPSM	4	AVG	No	Number of pending file-monitoring queues			240
MONMJRNL	BINARY	CPSM	4	AVG	No	Number of pending journal-monitoring queues			244
MONMPROG	BINARY	CPSM	4	AVG	No	Number of pending program-monitoring queues			248
MONMSYS	BINARY	CPSM	4	AVG	No	Number of pending global-monitoring queues			264
MONMTDQ	BINARY	CPSM	4	AVG	No	Number of pending TD-monitoring queues			260
MONMTERM	BINARY	CPSM	4	AVG	No	Number of pending terminal-monitoring queues			252
MONMTRAN	BINARY	CPSM	4	AVG	No	Number of pending transaction-monitoring queues			256
MONTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Monitoring trace flags			172
MSGTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Message services trace flags			144
MVSLOC	CHAR	CPSM	4	DIFF	No	MVS system ID			28
NETALERT	BINARY	CPSM	8	AVG	No	Number of Netview alerts sent			280
NETVPPI	EYUDA	CPSM	4	LIKE	Yes	Netview PPI to be used			276
NETVPPI Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>								
PAGEIN	BINARY	CPSM	4	AVG	No	Number of page-in requests			64
PAGEOUT	BINARY	CPSM	4	AVG	No	Number of page-out requests			68
PEAKAMAX	BINARY	STAT	2	AVG	No	Peak number of user tasks eligible for dispatch			132
QUETRACE	BITSTRIP	CPSM	4	LIKE	Yes	Queue services trace flags			160

Table 88. CMAS resource table attributes (continued)									
Name	Datatype	Source	Len	Sum	Set	Description	Value Range	Get Invalid	Offset
REALSTG	BINARY	CPSM	4	AVG	No	Real storage in use			72
RODMNAME	CHAR	CPSM	8	DIFF	No	Resource status facility name			292
RTATRACE	BITSTRIP	CPSM	4	LIKE	Yes	Real time analysis (RTA) trace flags			176
SDUMP	EYUDA	CPSM	4	LIKE	Yes	System dump option			288
SDUMP Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• NEVER</li> </ul>								
SOSABOVEBAR	CVDAS	INQ	4	LIKE	No	Short on storage status above the bar		E640	320
SOSABOVEBAR Output valid values	<ul style="list-style-type: none"> <li>• SOS</li> <li>• NOTSOS</li> </ul>								
SOSABOVELINE	CVDAS	INQ	4	LIKE	No	Short on storage status above the line		E640	324
SOSABOVELINE Output valid values	<ul style="list-style-type: none"> <li>• SOS</li> <li>• NOTSOS</li> </ul>								
SOSBELOWLINE	CVDAS	INQ	4	LIKE	No	Short on storage status below the line		E640	328
SOSBELOWLINE Output valid values	<ul style="list-style-type: none"> <li>• SOS</li> <li>• NOTSOS</li> </ul>								
SRVTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Common services trace flags			148
STRTIME	TIMESTP	CPSM	8	MAX	No	Local time at which CMAS was started			48
SYSID	CHAR	CPSM	4	DIFF	No	CICS system ID			32
SYSTEMSTATUS	CVDAS	INQ	4	LIKE	Yes	System trace status			100
SYSTEMSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• SYSTEMON</li> <li>• SYSTEMOFF</li> </ul>								
TIMEZONE	CHAR	CPSM	1	DIFF	Yes	CMAS time zone			188
TOPTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Topology trace flags			168
TOTLTASKS	BINARY	STAT	4	AVG	No	Total number of CICS tasks run in CMAS			124
TRATRACE	BITSTRIP	CPSM	4	LIKE	Yes	Trace services trace flags			140
USERSTATUS	CVDAS	INQ	4	LIKE	Yes	User trace status			104
USERSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• USERON</li> <li>• USEROFF</li> </ul>								
VTAMACB	CVDAS	INQ	4	LIKE	Yes	VTAM ACB open status			88
VTAMACB Input/output valid values	<ul style="list-style-type: none"> <li>• OPEN</li> <li>• CLOSED</li> </ul>								
VTAMACB Input valid values	<ul style="list-style-type: none"> <li>• IMMCLOSE</li> <li>• FORCECLOSE</li> </ul>								
VTAMACB Output valid values	<ul style="list-style-type: none"> <li>• CLOSING</li> <li>• IMMCLOSING</li> <li>• FORCECLOSING</li> </ul>								
WLMTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Workload management trace flags			180
XCFGROUP	CHAR	INQ	8	LIKE	No	XCF group ID		E640	300

Table 88. CMAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Value Range	Get Invalid	Offset
ZONEOFFS	BINARY	CPSM	1	DIFF	Yes	CMAS time zone offset			189

## Chapter 35. CMDMPAPS Resource Table

A CPSM Real Time Analysis Definition that identifies the role of a primary CMAS within the scope of an analysis specification.

The **Primary** key field for this resource class is CMASNAME.

The **Secondary** key field for this resource class is SPEC.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSPrimaryAnalysisPointCMAS

**Object type**

CICSplex SM Definition

**Length**

56

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt4353

**Security Class**

ANALYSIS.DEF

Table 89. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 90. CMDMPAPS FEEDBACK error codes		
Value	Code	Description
1	CMDMPAPS_INV_DATA	Attribute data invalid
2	CMDMPAPS_REC_NOT_FOUND	Requested resource not found
3	CMDMPAPS_INV_REFERENCE	Attribute references an invalid resource
4	CMDMPAPS_REC_EXISTS	Resource already exists
6	CMDMPAPS_INV_RESTYPE	Invalid resource type
7	CMDMPAPS_INV_VER	Invalid resource version

Table 90. CMDMPAPS FEEDBACK error codes (continued)		
Value	Code	Description
21	CMDMPAPS_CMAS_NOT_UNIQUE	Association is not unique
22	CMDMPAPS_DUP_ASSOCIATION	Duplicate association

Table 91. CMDMPAPS resource table attributes							
Name	Datatype	Source	Len	Req	Sum	Description	Offset
CMASNAME-1	CHAR	CPSM	8	Yes	DIFF	Primary CMAS	36
SPEC-2	CHAR	CPSM	8	Yes	DIFF	Analysis point specification	44
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

## Chapter 36. CMDMSAPS Resource Table

A CPSM Real Time Analysis Definition that identifies the role of a secondary CMAS within the scope of an analysis specification.

The **Primary** key field for this resource class is CMASNAME.

The **Secondary** key field for this resource class is SPEC.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSSecondaryAnalysisPointCMAS

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt4354

### Security Class

ANALYSIS.DEF

Table 92. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 93. CMDMSAPS FEEDBACK error codes		
Value	Code	Description
1	CMDMSAPS_INV_DATA	Attribute data invalid
2	CMDMSAPS_REC_NOT_FOUND	Requested resource not found
3	CMDMSAPS_INV_REFERENCE	Attribute references an invalid resource
4	CMDMSAPS_REC_EXISTS	Resource already exists
6	CMDMSAPS_INV_RESTYPE	Invalid resource type
7	CMDMSAPS_INV_VER	Invalid resource version

Table 93. CMDMSAPS FEEDBACK error codes (continued)

Value	Code	Description
22	CMDMSAPS_DUP_ASSOCIATION	Duplicate association

Table 94. CMDMSAPS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
CMASNAME-1	CHAR	CPSM	8	Yes	DIFF	Secondary CMAS	36
SPEC-2	CHAR	CPSM	8	Yes	DIFF	Analysis point specification	44
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16



---

# Chapter 37. CMDT Resource Table

CICS Resource that describes a data table in an active CICS system managed by CICSplex SM. The data presented is from the perspective of the file associated with the data table.

The **Primary** key field for this resource class is FILE.

The following actions are supported:

**CLOSE**

Close the data table file.

The parameter data for the CLOSE action is:

```
PARM( ' BUSY(cvda) . ' )
```

where *cvda* is required and must be one of the following valid CVDAs for the file busy condition:

WAIT  
NOWAIT  
FORCE

**DISABLE**

Disable the data table file.

The parameter data for the DISABLE action is:

```
PARM( ' BUSY(cvda) . ' )
```

where *cvda* is required and must be one of the following valid CVDAs for the file busy condition:

WAIT  
NOWAIT  
FORCE

**DISCARD**

Discard the data table file.

**ENABLE**

Enable the data table file.

**OPEN**

Open the data table file.

**External resource name(CMCI)**

CICSDataTable

**Object type**

CICS Resource

**Length**

384

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0041

**Security Class**

OPERATE.FILE

**CICS Commands subject to CICS Security**

EXTRACT STATISTICS

INQUIRE FILE

*Table 95. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	CLOSE	BUSY(WAIT, NOWAIT, FORCE)	Yes
	DISABLE	BUSY(WAIT, NOWAIT, FORCE)	Yes
	DISCARD	None	N/A
	ENABLE	None	N/A
	OPEN	None	N/A

*Table 96. CMDT FEEDBACK error codes*

Value	Code	Description
1	CMDT_INV_DATA	Attribute data invalid

*Table 97. CMDT resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF	No	CICS System Name				0
EYU_CICSREL	CHAR	CPSM			4	DIF	No	CICS Release				8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved				12
<b>FILE-1</b>	CHAR	INQ			8	DIF	No	File ID				16
ADD	CVDAS	INQ	FILE	ADD	4	LIKE	Yes	Add option				24
ADD Input/output valid values	<ul style="list-style-type: none"> <li>• ADDABLE</li> <li>• NOTADDABLE</li> </ul>											
ADDCNT	BINARY	STAT	DFHA17DS	A17DSWRA	4	AVG	No	Number of WRITE requests				160
ADDFRREAD	BINARY	STAT	DFHA17DS	A17DTAVR	4	AVG	No	Number of records added to table by READ requests				192
ADDREJ	BINARY	STAT	DFHA17DS	A17DTARJ	4	AVG	No	Number of add requests rejected by user exit				200
ADDREQ	BINARY	STAT	DFHA17DS	A17DTADS	4	AVG	No	Number of records added from WRITE requests				196

Table 97. CMDT resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
ADDTFULL	BINARY	STAT	DFHA17DS	A17DTATF	4	AVG	No	Number of add requests rejected when table full				204
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0		E640 E650	380
BROWSE	CVDAS	INQ	FILE	BROWSE	4	LIKE	Yes	Browse option				28
BROWSE Input/output valid values	<ul style="list-style-type: none"> <li>BROWSABLE</li> <li>NOTBROWSABLE</li> </ul>											
BROWSECNT	BINARY	STAT	DFHA17DS	A17DSBR	4	AVG	No	Number of READNEXT and READPREV requests				156
CHANGEAGENT	CVDAS	INQ	FILE	CHANGEAGENT	4	LIKE	No	Last modification agent			E640 E650	328
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>CSDAPI</li> <li>CSDBATCH</li> <li>DREPAPI</li> <li>OVERRIDE</li> <li>DREPBATCH</li> <li>TABLE</li> <li>SYSTEM</li> <li>CREATESPI</li> <li>NOTAPPLIC</li> </ul>											
CHANGEAGREL	CHAR	INQ	FILE	CHANGEAGREL	4	DIF	No	Last modification agent release			E640 E650	332
CHANGETIME	DATETIME	INQ	FILE	CHANGETIME	8	MAX	No	Last modification time			E640 E650	336
CHANGEUSRID	CHAR	INQ	FILE	CHANGEUSRID	8	DIF	No	Last modification user ID			E640 E650	320
CONTENTION	CNUMERIC	STAT	DFHA17DS	A17DTCON	4	AVG	No	Number of CFDT contentions				316
CURCOUNT	BINARY	STAT	DFHA17DS	A17DTSIZ	4	AVG	No	Current number of records in data table file				220
DATASETTYPE	CHAR	STAT	DFHA17DS	A17DSTYP	1	DIF	No	Data set type				290
DEFINESOURCE	CHAR	INQ	FILE	DEFINESOURCE	8	DIF	No	Source of the resource definition			E640 E650	344
DEFINETIME	DATETIME	INQ	FILE	DEFINETIME	8	MAX	No	Creation time			E640 E650	352
DELETE	CVDAS	INQ	FILE	DELETE	4	LIKE	Yes	Delete option				32

Table 97. CMDT resource table attributes (continued)												
Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
DELETE Input/output valid values	<ul style="list-style-type: none"> <li>DELETABLE</li> <li>NOTDELETABLE</li> </ul>											
DELETEREQ	BINARY	STAT	DFHA17DS	A17DTDLS	4	AVG	No	Number of DELETE requests				212
DEXPCNT	BINARY	STAT	DFHA17DS	A17DSXCP	4	AVG	No	Number of I/O operations on data component				172
DISPOSITION	CVDAS	INQ	FILE	DISPOSITION	4	LIKE	Yes	Disposition of associated data set				36
DISPOSITION Input/output valid values	<ul style="list-style-type: none"> <li>OLD</li> <li>SHARE</li> </ul>											
DSNAME	CHAR	INQ	FILE	DSNAME	44	DIFF	Yes	Data set name				40
ENABLESTATUS	CVDAS	INQ	FILE	ENABLESTATUS	4	LIKE	Yes	Enablement status				84
ENABLESTATUS Input/output valid values	<ul style="list-style-type: none"> <li>ENABLED</li> <li>DISABLED</li> </ul>											
ENABLESTATUS Output valid values	<ul style="list-style-type: none"> <li>UNENABLED</li> <li>DISABLING</li> <li>UNENABLING</li> </ul>											
FWDRECSTATUS	CVDAS	INQ	FILE	FWDRECSTATUS	4	LIKE	No	Forward recovery option				88
FWDRECSTATUS Output valid values	<ul style="list-style-type: none"> <li>FWDRECOVERABLE</li> <li>NOTFWDRCVBLE</li> </ul>											
GETCNT	BINARY	STAT	DFHA17DS	A17DSRD	4	AVG	No	Number of READ requests				148
GETUPDCNT	BINARY	STAT	DFHA17DS	A17DSGU	4	AVG	No	Number of READ UPDATE requests				152
GMTFILECLS	TIMESTP	STAT	DFHA17DS	A17GCLST	8	MAX	No	GMT file close time				280
GMTFILEOPN	TIMESTP	STAT	DFHA17DS	A17GOPNT	8	MAX	No	GMT file open time				272
IEXPCNT	BINARY	STAT	DFHA17DS	A17DSIXP	4	AVG	No	Number of I/O operations on index component				176
INSTALLAGENT	CVDAS	INQ	FILE	INSTALLAGENT	4	LIKE	No	Installation agent			E640 E650	376
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>CSDAPI</li> <li>CREATESPI</li> <li>TABLE</li> <li>SYSTEM</li> <li>GRPLIST</li> </ul>											
INSTALLTIME	DATETIME	INQ	FILE	INSTALLTIME	8	MAX	No	Installation time			E640 E650	368
INSTALLUSRID	CHAR	INQ	FILE	INSTALLUSRID	8	DIFF	No	Installation user ID			E640 E650	360

Table 97. CMDT resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
JOURNALNUM	BINARY	INQ	FILE	JOURNALNUM	2	AVG	No	Journal number				260
KEYLENGTH	BINARY	INQ	FILE	KEYLENGTH	4	AVG	No	Key length				92
KEYPOSITION	BINARY	INQ	FILE	KEYPOSITION	4	AVG	No	Key position				96
LOADTYPE	CVDAS	INQ	FILE	LOADTYPE	4	LIKE	Yes	CFDT load type				312
LOADTYPE Input/output valid values	<ul style="list-style-type: none"> <li>LOAD</li> <li>NOLOAD</li> <li>NOTAPPLIC</li> </ul>											
LOCDELCNT	BINARY	STAT	DFHA17DS	A17DSDEL	4	AVG	No	Number of DELETE requests				168
LSRPOOLID	BINARY	INQ	FILE	LSRPOOLNUM	2	MAX	Yes	LSR Pool number				264
MAXNUMRECS	BINARY	INQ	FILE	MAXNUMRECS	4	AVG	Yes	Maximum number of records table can hold		0-99999999		100
MAXTSIZE	BINARY	STAT	DFHA17DS	A17DTSHI	4	AVG	No	Maximum table size				216
NUMACTSTRING	BINARY	STAT	DFHA17DS	A17DSASC	2	AVG	No	Number of active strings				270
NUMDATBUFF	BINARY	STAT	DFHA17DS	A17DSDNB	2	AVG	No	Number of data buffers				266
NUMINDEXBUFF	BINARY	STAT	DFHA17DS	A17DSINB	2	AVG	No	Number of index buffers				268
NUMSTRINGWT	BINARY	STAT	DFHA17DS	A17DSASW	2	AVG	No	Number of active string waits				288
OPENSTATUS	CVDAS	INQ	FILE	OPENSTATUS	4	LIKE	Yes	Open status				104
OPENSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>OPEN</li> <li>CLOSED</li> </ul>											
OPENSTATUS Output valid values	<ul style="list-style-type: none"> <li>OPENING</li> <li>CLOSING</li> <li>CLOSEREQUEST</li> </ul>											
POOLNAME	CHAR	INQ	FILE	CFDTPOOL	8	DIF	Yes	CFDT pool name				291
READ	CVDAS	INQ	FILE	READ	4	LIKE	Yes	Read option				108
READ Input/output valid values	<ul style="list-style-type: none"> <li>READABLE</li> <li>NOTREADABLE</li> </ul>											
READRETRY	BINARY	STAT	DFHA17DS	A17DTRRS	4	AVG	No	Number of READ retries				224
READS	BINARY	STAT	DFHA17DS	A17DTRDS	4	AVG	No	Number of successful READs				184
RECNOTFND	BINARY	STAT	DFHA17DS	A17DTRNF	4	AVG	No	Total number of records not found in table				188
RECORDFORMAT	CVDAS	INQ	FILE	RECORDFORMAT	4	LIKE	No	Record format				112

Table 97. CMDT resource table attributes (continued)												
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
RECORDFORMAT Output valid values	<ul style="list-style-type: none"> <li>FIXED</li> <li>VARIABLE</li> <li>UNDEFINED</li> </ul>											
RECORDSIZE	BINARY	INQ	FILE	RECORDSIZE	4	AVG	No	Record size				116
RECOVSTATUS	CVDAS	INQ	FILE	RECOVSTATUS	4	LIKE	No	Recovery type				120
RECOVSTATUS Output valid values	<ul style="list-style-type: none"> <li>RECOVERABLE</li> <li>NOTRECOVERABLE</li> </ul>											
REWRITE	BINARY	STAT	DFHA17DS	A17DTRWS	4	AVG	No	Number of REWRITE requests				208
STGALCINU	BINARY	STAT	DFHA17DS	A17DTUST	4	AVG	No	Total storage in use (kilobytes)				232
STGALCTOT	BINARY	STAT	DFHA17DS	A17DTALT	4	AVG	No	Total storage allocated (kilobytes)				228
STGDTAINU	BINARY	STAT	DFHA17DS	A17DTUSD	4	AVG	No	Storage in use for record data (kilobytes)				256
STGDTATOT	BINARY	STAT	DFHA17DS	A17DTALD	4	AVG	No	Storage allocated for record data (kilobytes)				252
STGENTINU	BINARY	STAT	DFHA17DS	A17DTUSE	4	AVG	No	Storage in use for record entry blocks (KB)				240
STGENTTOT	BINARY	STAT	DFHA17DS	A17DTALE	4	AVG	No	Storage allocated for record entry blocks (KB)				236
STGIDXINU	BINARY	STAT	DFHA17DS	A17DTUSI	4	AVG	No	Storage in use for index (kilobytes)				248
STGIXTOT	BINARY	STAT	DFHA17DS	A17DTALI	4	AVG	No	Storage allocated for index (kilobytes)				244
STRINGS	BINARY	INQ	FILE	STRINGS	4	AVG	Yes	Number of strings				124
TABLE	CVDAS	INQ	FILE	TABLE	4	LIKE	Yes	Type of data table				128
TABLE Input/output valid values	<ul style="list-style-type: none"> <li>CICSTABLE</li> <li>USERTABLE</li> <li>CFTABLE</li> <li>NOTTABLE</li> </ul>											
TABLE Output valid values	<ul style="list-style-type: none"> <li>NOTAPPLIC</li> </ul>											
TABlename	CHAR	INQ	FILE	TABlename	8	DIF	Yes	CFDT table name				299
TIMECLOSE	DECTSTP	STAT	DFHA17DS	A17LCLST	4	MAX	No	Local time file was closed				144
TIMEOPEN	DECTSTP	STAT	DFHA17DS	A17LOPNT	4	MAX	No	Local time file was opened				140
UPDATE	CVDAS	INQ	FILE	UPDATE	4	LIKE	Yes	Update option				136
UPDATE Input/ output valid values	<ul style="list-style-type: none"> <li>UPDATABLE</li> <li>NOTUPDATABLE</li> </ul>											
UPDATECNT	BINARY	STAT	DFHA17DS	A17DSWRU	4	AVG	No	Number of REWRITE requests				164

Table 97. CMDT resource table attributes (continued)												
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
UPDATEMODEL	CVDAS	INQ	FILE	UPDATEMODEL	4	LIKE	Yes	CFDT update model				308
UPDATEMODEL Input/output valid values	<ul style="list-style-type: none"> <li>• LOCKING</li> <li>• CONTENTION</li> <li>• NOTAPPLIC</li> </ul>											
VSAMTYPE	CVDAS	INQ	FILE	TYPE	4	LIKE	No	Type of VSAM data set				132
VSAMTYPE Input/output valid values	<ul style="list-style-type: none"> <li>• NOTAPPLIC</li> </ul>											
VSAMTYPE Output valid values	<ul style="list-style-type: none"> <li>• ESDS</li> <li>• KSDS</li> <li>• RRDS</li> <li>• VRRDS</li> </ul>											
WSTRCCURCNT	BINARY	STAT	DFHA17DS	A17DSHSW	2	AVG	No	Peak concurrent requests queued - strings in use				262
WSTRCNT	BINARY	STAT	DFHA17DS	A17DSTSW	4	AVG	No	Total requests queued because strings in use				180





# Chapter 38. CMTCMDEF Resource Table

A CPSM Communications Definition that describes a CMAS-to-CMAS connection from the perspective of the context CMAS.

Each CMTCMDEF instance has a related CICS CONNECTION, SESSION definition set. For LU6.2 connections, a CICS PARTNER definition also exists. These CICS CSD resources are managed internally by CICSplex SM.

The **Primary** key field for this resource class is TARGETNAME.

There are no object specific actions for this resource class.

**Note:** For CMTCMDEF, API UPDATE is only valid for the DESC attribute.

**External resource name(CMCI)**

CICSCMASToCMASLinkDefinition

**Object type**

CICSplex SM Definition

**Length**

168

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

Yes

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2732

**Security Class**

CONFIG.DEF

Table 98. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

Table 99. CMTCMDEF FEEDBACK error codes

Value	Code	Description
1	CMTCMDEF_INV_DATA	Attribute data invalid
2	CMTCMDEF_REC_NOT_FOUND	Requested resource not found

Table 99. CMTCMDEF FEEDBACK error codes (continued)

Value	Code	Description
4	CMTCMDEF_REC_EXISTS	Resource already exists
5	CMTCMDEF_REC_CHANGED	Resource definition already changed
8	CMTCMDEF_REPOSITORY_FAILURE	Error in data repository
21	CMTCMDEF_CEDA_TIMEOUT	Timeout whilst updating CICS CSD
22	CMTCMDEF_CEDA_FAILURE_DEFINE	Failure defining resource on CICS CSD
23	CMTCMDEF_CEDA_FAILURE_INSTALL	Install to CICS CSD failed
24	CMTCMDEF_CEDA_FAILURE_MOVE	Move on CICS CSD failed
25	CMTCMDEF_CONNECTION_ACTIVE	Connection active
26	CMTCMDEF_CONNECTION_PENDING	Connection pending
27	CMTCMDEF_CONNECTION_RESET	Connection reset
28	CMTCMDEF_SYSID_DUP	Duplicate system ID
29	CMTCMDEF_APPLID_DUP	Duplicate application ID
30	CMTCMDEF_LINK_TYPE	Invalid link type
31	CMTCMDEF_LINK_DATA	Link data
32	CMTCMDEF_UNKNOWN_METH_STATUS	Unexpected return code from internal program call
33	CMTCMDEF_TIMEOUT	Timeout
34	CMTCMDEF_MISMATCH_TARGNAME	Target CMAS exists with different Target Applid/SYSID
35	CMTCMDEF_MISMATCH_APPLID	Target Applid does not match existing Target CMAS/SYSID
36	CMTCMDEF_MISMATCH_SYSID	SYSID does not match existing Target CMAS/Aplid
37	CMTCMDEF_CRTE_FAILURE_DEFN	Creating the CICS CONNECTION or SESSION failed
38	CMTCMDEF_CRTE_FAILURE_COMP	Completing the CICS connection failed
39	CMTCMDEF_CRTE_FAILURE_DISC	Discarding the aborted CICS connection failed

Table 100. CMTCMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
TARGETNAME-1	CHAR	CPSM	8	Yes	DIFF	Target CMAS			36
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/ output valid values	• DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DESC	CHAR	CPSM	58	No	DIFF	Description			72

Table 100. CMTCMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	160
MODENAME	CHAR	CPSM	8	No	DIFF	LU 6.2 mode			60
PROTOCOL	EYUDA	CPSM	4	Yes	LIKE	Link protocol			56
PROTOCOL Input/output valid values	<ul style="list-style-type: none"> <li>• LU62</li> <li>• MRO</li> </ul>								
RECVBUF	BINARY	CPSM	2	Yes	AVG	Receive buffer size		256-30720	132
RECVPFX	CHAR	CPSM	2	No	DIFF	MRO receive prefix			68
SECATTACH	CHAR	CPSM	16	Yes	DIFF	Type of attach-time security to be used			134
SECATTACH Input/output valid values	<ul style="list-style-type: none"> <li>• LOCAL</li> <li>• IDENTIFY</li> </ul>								
SECNAME	CHAR	CPSM	8	No	DIFF	User ID of remote system for security purposes			150
SENDBUF	BINARY	CPSM	2	Yes	AVG	Send buffer size		256-30720	130
SENDPFX	CHAR	CPSM	2	No	DIFF	MRO send prefix			70
SYSID	CHAR	CPSM	4	Yes	DIFF	Target system ID			52
TARGETAPPL	CHAR	CPSM	8	Yes	DIFF	Target VTAM application ID			44



# Chapter 39. CMTCMLNK Resource Table

A CPSM Communications Manager object that describes an installed CMAS-to-CMAS connection from the perspective of the context CMAS. CMTCMLNK instances can be accessed only when you are connected to the CMAS that is the CICSplex Maintenance Point.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**ACQUIRE**

Attempt to place the CICS Connection used by the CMTCMLNK, INSERVICE and ACQUIRED. This action can only be used on CMTCMLNKs using a PROTOCOL of LU62.

**DISCARD**

Discard the connection.

The DISCARD action requires no unique parameter data.

**External resource name(CMCI)**

CICSCMASToCMASLink

**Object type**

CICSplex SM Manager

**Length**

152

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

Yes

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2444

**Security Class**

CONFIG.DEF

Table 101. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	ACQUIRE	None	N/A

Table 102. CMTCMLNK FEEDBACK error codes		
Value	Code	Description
1	CMTCMLNK_INV_DATA	Attribute data invalid

Table 102. CMTCMLNK FEEDBACK error codes (continued)

Value	Code	Description
2	CMTCMLNK_REC_NOT_FOUND	Requested resource not found
21	CMTCMLNK_LINK_IS_ACTIVE	Link is active
22	CMTCMLNK_LINK_RESET	Link reset
23	CMTCMLNK_LINK_PENDING	Link pending
24	CMTCMLNK_DISCARD_FAILED	Discard failed
25	CMTCMLNK_CICS_FAILURE	CICS failure
26	CMTCMLNK_RECNAME_MISSING	Record name missing
27	CMTCMLNK_PLEXNAME_MISSING	CICSplex name missing
28	CMTCMLNK_LINK_NOTINSERVICE	CICS link not INSERVICE
29	CMTCMLNK_LINK_NOTACQUIRED	CICS link not Acquired
30	CMTCMLNK_LINK_NOTLU62	Link protocol not LU62

Table 103. CMTCMLNK resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
NAME-1	CHAR	CPSM	8	DIFF	Target CMAS	0
APPLID	CHAR	CPSM	8	DIFF	Application ID	144
CBYTRCVD	BINARY	CPSM	8	AVG	Number of bytes received (compressed)	100
CBYTSENT	BINARY	CPSM	8	AVG	Number of bytes sent (compressed)	60
CICSCONN	CVDAS	INQ	4	LIKE	CICS connection status	16
CICSCONN Output valid values	<ul style="list-style-type: none"> <li>RELEASED</li> <li>OBTAINING</li> <li>ACQUIRED</li> <li>FREEING</li> <li>AVAILABLE</li> </ul>					
CICSSERV	CVDAS	INQ	4	LIKE	CICS service status	20
CICSSERV Output valid values	<ul style="list-style-type: none"> <li>INSERVICE</li> <li>OUTSERVICE</li> <li>GOINGOUT</li> </ul>					
CPSMCONN	EYUDA	CPSM	4	LIKE	Connection status	24
CPSMCONN Output valid values	<ul style="list-style-type: none"> <li>CONACT</li> <li>RESET</li> <li>PENDING</li> </ul>					
EXECCLK	INTUSEC	CPSM	8	MAX	Cumulative time to execute CICSplex SM service requests	128
MALSRCVD	BINARY	CPSM	8	AVG	Total requests received	68
MALSSSENT	BINARY	CPSM	8	AVG	Total requests sent	28
MSGSRCVD	BINARY	CPSM	8	AVG	Number of message packets received	76
MSGSSSENT	BINARY	CPSM	8	AVG	Number of message packets sent	36
PROTOCOL	EYUDA	CPSM	4	LIKE	Link protocol	12
PROTOCOL Output valid values	<ul style="list-style-type: none"> <li>LU62</li> <li>MRO</li> </ul>					

Table 103. CMTCLNK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
RCVCLK	INTUSEC	CPSM	8	MAX	Cumulative time to receive CICSplex SM service requests	136
SCHEDCLK	INTUSEC	CPSM	8	MAX	Cumulative time to schedule CICSplex SM service requests	112
SYSID	CHAR	CPSM	4	DIFF	Target system ID	8
TBUFRCD	BINARY	CPSM	8	AVG	Number of transit buffers received	84
TBUFSNT	BINARY	CPSM	8	AVG	Number of transit buffers sent	44
TRANSCLK	INTUSEC	CPSM	8	MAX	Cumulative time to transmit CICSplex SM service requests	120
UBYTRCD	BINARY	CPSM	8	AVG	Number of bytes received (uncompressed)	92
UBYTSNT	BINARY	CPSM	8	AVG	Number of bytes sent (uncompressed)	52





# Chapter 40. CMTPLNK Resource Table

A CPSM Communications Manager object that describes an installed CMAS-to-MAS connection from the perspective of the context CMAS. The information displayed is for both local and remote MAS instances. CMTPLNK instances can be accessed only when you are connected to the CMAS that is the CICSplex Maintenance Point.

The **Primary** key field for this resource class is NAME.

The following action is supported:

**DISCARD**

Discard a Remote MAS connection. DISCARD is not valid for a local MAS connection.

The DISCARD action requires no unique parameter data.

**External resource name(CMCI)**

CICSCMASToMASLink

**Object type**

CICSplex SM Manager

**Length**

160

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

Yes

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2445

**Security Class**

CONFIG.DEF

Table 104. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 105. CMTPLNK FEEDBACK error codes

Value	Code	Description
1	CMTPLNK_INV_DATA	Attribute data invalid
2	CMTPLNK_REC_NOT_FOUND	Requested resource not found
21	CMTPLNK_LINK_IS_ACTIVE	Link is active
22	CMTPLNK_LINK_RESET	Link reset

Table 105. CMTPLNK FEEDBACK error codes (continued)

Value	Code	Description
23	CMTPLNK_LINK_PENDING	Link pending
24	CMTPLNK_DISCARD_FAILED	Discard failed
25	CMTPLNK_CICS_FAILURE	CICS failure
26	CMTPLNK_RECNAME_MISSING	Record name missing
27	CMTPLNK_PLEXNAME_MISSING	CICSplex name missing

Table 106. CMTPLNK resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
NAME-1	CHAR	CPSM	8	DIFF	MAS name	0
APPLID	CHAR	CPSM	8	DIFF	VTAM application ID	152
CBYTRCVD	BINARY	CPSM	8	AVG	Number of bytes received (compressed)	100
CBYTSENT	BINARY	CPSM	8	AVG	Number of bytes sent (compressed)	60
CICSCONN	CVDAS	INQ	4	LIKE	CICS connection status	16
CICSCONN Output valid values	<ul style="list-style-type: none"> <li>RELEASED</li> <li>OBTAINING</li> <li>ACQUIRED</li> <li>FREEING</li> <li>AVAILABLE</li> </ul>					
CICSSERV	CVDAS	INQ	4	LIKE	CICS service status	20
CICSSERV Output valid values	<ul style="list-style-type: none"> <li>INSERVICE</li> <li>OUTSERVICE</li> <li>GOINGOUT</li> </ul>					
CPSMCONN	EYUDA	CPSM	4	LIKE	CICSplex SM connection status	24
CPSMCONN Output valid values	<ul style="list-style-type: none"> <li>CONACT</li> <li>RESET</li> <li>PENDING</li> </ul>					
EXECCLK	INTUSEC	CPSM	8	MAX	Total execution time for CICSplex SM service requests	128
MALSRCVD	BINARY	CPSM	8	AVG	Number of service requests and responses received	68
MALSSENT	BINARY	CPSM	8	AVG	Number of service requests and responses sent	28
MSGSRCVD	BINARY	CPSM	8	AVG	Number of message packets received	76
MSGSENT	BINARY	CPSM	8	AVG	Number of message packets sent	36
PLEXNAME	CHAR	CPSM	8	DIFF	Name of CICSplex which MAS belongs to	144
PROTOCOL	EYUDA	CPSM	4	LIKE	Link protocol	12
PROTOCOL Output valid values	<ul style="list-style-type: none"> <li>LU62</li> <li>MRO</li> <li>ESSS</li> </ul>					
RCVCLK	INTUSEC	CPSM	8	MAX	Total receive time for CICSplex SM service requests	136
SCHEDCLK	INTUSEC	CPSM	8	MAX	Total wait time for CICSplex SM service requests	112
SYSID	CHAR	CPSM	4	DIFF	MAS system ID	8

Table 106. CMTPLNK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
TBUFRCD	BINARY	CPSM	8	AVG	Number of transit buffers received	84
TBUFSNT	BINARY	CPSM	8	AVG	Number of transit buffers sent	44
TRANSCLK	INTUSEC	CPSM	8	MAX	Total transmit time for CICSplex SM service requests	120
UBYTRCD	BINARY	CPSM	8	AVG	Number of bytes received (uncompressed)	92
UBYTSENT	BINARY	CPSM	8	AVG	Number of bytes sent (uncompressed)	52



## Chapter 41. CONINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a connection definition (CONNDEF) in a resource group (RESGROUP). A CONNDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is CONNGROUP.

The **Secondary** key field for this resource class is CONNNAME.

The **Tertiary** key field for this resource class is CONNVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6145

### Security Class

BAS.DEF

Table 107. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 108. CONINGRP FEEDBACK error codes		
Value	Code	Description
1	CONINGRP_INV_DATA	Attribute data invalid
2	CONINGRP_REC_NOT_FOUND	Requested resource not found
4	CONINGRP_REC_EXISTS	Resource already exists
6	CONINGRP_INV_RESTYPE	Invalid resource type
7	CONINGRP_INV_VER	Invalid resource version
11	CONINGRP_NON_MP	Maintenance point CMAS not available

Table 108. CONINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	CONINGRP_INV_CONTEXT	Context not found
21	CONINGRP_INCONSISTENT_SET	Inconsistent set
22	CONINGRP_DIFF_VERSION	Different version
23	CONINGRP_INV_NAME	Invalid name
24	CONINGRP_INV_MINNAME	Invalid minor name

Table 109. CONINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
CONNGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
CONNNAME-2	CHAR	CPSM	8	Yes	DIFF	Connection definition name	44
CONNVER-3	BINARY	CPSM	1	Yes	AVG	Connection definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 42. CONNDEF Resource Table

A CICS Definition that describes an ISC or MRO connection between CICS and a remote system.

The **Primary** key field for this resource class is NAME. A connection name can be only 4 characters long. The remainder of the 8-character NAME field should be padded with blank spaces.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a Connection Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionISCMROConnection

**Object type**

CICS Definition

**Length**

408

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3800

**Security Class**

OPERATE.CONNECT

Table 110. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No

Table 110. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		REFASSIGN(value)	Yes
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 111. CONNDEF FEEDBACK error codes		
Value	Code	Description
1	CONNDEF_INV_DATA	Attribute data invalid
2	CONNDEF_REC_NOT_FOUND	Requested resource not found
4	CONNDEF_REC_EXISTS	Resource already exists
5	CONNDEF_REC_CHANGED	Resource definition already changed
6	CONNDEF_INV_RESTYPE	Invalid resource type
7	CONNDEF_INV_VER	Invalid resource version
11	CONNDEF_NON_MP	Maintenance point CMAS not available
12	CONNDEF_INV_CONTEXT	Context not found
13	CONNDEF_INCONSISTENT_SET	Inconsistent set condition
14	CONNDEF_INV_RESGROUP	Resource group not found
21	CONNDEF_INV_ACTION	Invalid action
22	CONNDEF_INV_RECADDR	Invalid record address
23	CONNDEF_INV_RECLEN	Invalid record length
24	CONNDEF_DIFF_VERSION	Different version
25	CONNDEF_EARLY_NAMELIST_END	Early name list end
26	CONNDEF_INV_NAMELIST	Invalid name list
27	CONNDEF_INV_NAME	Invalid name
28	CONNDEF_INV_MINNAME	Invalid minor name
29	CONNDEF_NOTIFY	Notify



Table 111. CONNDEF FEEDBACK error codes (continued)

Value	Code	Description
30	CONNDEF_PARTIAL_INSTALL	Partial install
31	CONNDEF_NOTHING_INSTALLED	Nothing installed
32	CONNDEF_NO_TARGETS	No targets
33	CONNDEF_NO_RELATED	No related systems
34	CONNDEF_INV_TSCOPE	Invalid target scope
35	CONNDEF_INV_RSCOPE	Invalid related scope
36	CONNDEF_INV_USAGE	Invalid usage
37	CONNDEF_INV_MODE	Invalid mode
38	CONNDEF_INV_STATECHK	Invalid state check
39	CONNDEF_INV_FORCEINS	Invalid force install
40	CONNDEF_INV_NOTIFY	Invalid notify
41	CONNDEF_INV_OVERTYPE	Invalid over type
42	CONNDEF_INV_OVRBLOCK	Invalid override block
43	CONNDEF_INV_ORSTRING	Invalid override string
44	CONNDEF_INV_STRNGTERM	Invalid string terminator
45	CONNDEF_INV_EMBEDTERM	Invalid embedded terminator
46	CONNDEF_INV_ATTRIBUTE	Invalid attribute
47	CONNDEF_INV_LITERAL	Invalid literal
48	CONNDEF_INV_ORSTGNA	Invalid override string
49	CONNDEF_SCOPE_REQUIRED	Scope required
50	CONNDEF_USAGE_CONFLICT	Usage conflict
51	CONNDEF_REFASSGN_REQ	Referenced resource assignment required
52	CONNDEF_REFASSIGN_NOTFND	Referenced resource assignment not found
53	CONNDEF_SESS_NOTINSTL	Session not installed
54	CONNDEF_NODEFS_SELECTED	No definitions selected
55	CONNDEF_MORE_THAN_1_RELSYS	More than one related system
56	CONNDEF_MISSING_RELSYSID	Missing related system identifier
57	CONNDEF_SCOPE_CONFLICT	Scope conflict
58	CONNDEF_REFASSIGN_EMPTY	Referenced resource assignment empty
59	CONNDEF_INV_CSDGROUP	Invalid CSD group
60	CONNDEF_REC_NOT_REMOVED	Record not removed
61	CONNDEF_INV_RESOURCE	Invalid resource
62	CONNDEF_INV_CICS_RESTYPE	Invalid CICS restype
63	CONNDEF_PARTIAL_ACTION	Partial action

Table 111. CONNDEF FEEDBACK error codes (continued)

Value	Code	Description
64	CONNDEF_NOTHING_ACTIONED	Nothing actioned
65	CONNDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
66	CONNDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
67	CONNDEF_CSD_ERROR	CSD access error

Table 112. CONNDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	396
ACCESSMETHOD	CVDAS	CPSM	4	Yes	LIKE	Access method	VTAM			36
ACCESSMETHOD Input/ output valid values	<ul style="list-style-type: none"> <li>VTAM</li> <li>IRC</li> <li>INDIRECT</li> <li>XM</li> <li>NETBIOS</li> <li>TCPIP</li> </ul>									
ATTACHSEC	EYUDA	CPSM	4	Yes	LIKE	Level of attach-time security	LOCAL			40
ATTACHSEC Input/output valid values	<ul style="list-style-type: none"> <li>LOCAL</li> <li>IDENTIFY</li> <li>MIXIDPE</li> <li>PERSISTENT</li> <li>VERIFY</li> </ul>									
AUTOCONNECT	EYUDA	CPSM	4	Yes	LIKE	Autoconnect sessions for VTAM	NO			44
AUTOCONNECT Input/ output valid values	<ul style="list-style-type: none"> <li>NO</li> <li>ALL</li> <li>YES</li> </ul>									
BINDPASSWORD	HIDCHAR	CPSM	16	No	DIFF	Bind password			E410 +	48
BINDSECURITY	EYUDA	CPSM	4	Yes	LIKE	Bind time security	NO			64
BINDSECURITY Input/ output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>CSDAPI</li> <li>CSDBATCH</li> <li>DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0

Table 112. CONNDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CONNPNRIORITY	CHAR	CPSM	4	No	DIFF	Connection priority	86	0-255	EALL	152
CONNTYPE	CVDAS	CPSM	4	Yes	LIKE	Nature of connection	NOTAPPLIC			68
CONNTYPE Input/output valid values	<ul style="list-style-type: none"> <li>• GENERIC</li> <li>• SPECIFIC</li> <li>• NOTAPPLIC</li> <li>• APPC</li> <li>• NETBIOS</li> <li>• TCPIP</li> </ul>									
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				176
DATASTREAM	EYUDA	CPSM	4	Yes	LIKE	Data stream type	USER			72
DATASTREAM Input/output valid values	<ul style="list-style-type: none"> <li>• USER</li> <li>• LMS</li> <li>• SCS</li> <li>• STRFIELD</li> <li>• 3270</li> </ul>									
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		392
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				208
INDSYS	CHAR	CPSM	4	No	DIFF	Intermediate system name				76
INSERVICE	EYUDA	CPSM	4	Yes	LIKE	Connection status	YES			80
INSERVICE Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
LOCLHOSTNAME	CHAR	CPSM	40	No	DIFF	TCP/IP local host name			EALL	303
LUALIAS	CHAR	CPSM	8	No	DIFF	Local logical unit alias name			EALL	156
MAXQTIME	CHAR	CPSM	8	No	DIFF	Maximum queue time	NO	0-9999		84
MAXQTIME Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> </ul>									
MODENAME	CHAR	CPSM	8	No	DIFF	Communication mode name			EALL	286
NETBIOSADAPT	CHAR	CPSM	1	No	DIFF	NETBIOS logical LAN adapter		0-1	EALL	294
NETBIOSADAPT Input/output valid values	<ul style="list-style-type: none"> <li>• B</li> </ul>									
NETNAME	CHAR	CPSM	8	No	DIFF	Network name				92
PARTCODEPAGE	CHAR	CPSM	6	No	DIFF	Partner code page	37	1-99999	EALL	280
PARTLUALIAS	CHAR	CPSM	8	No	DIFF	Partner logical unit alias name			EALL	164
PROTOCOL	CVDAS	CPSM	4	Yes	LIKE	Protocol	APPC			100
PROTOCOL Input/output valid values	<ul style="list-style-type: none"> <li>• APPC</li> <li>• EXCI</li> <li>• LU61</li> <li>• NOTAPPLIC</li> <li>• N_A</li> </ul>									
PSRECOVERY	EYUDA	CPSM	4	Yes	LIKE	Persistent session recovery	SYSDEFAULT			104

Table 112. CONNDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
PSRECOVERY Input/output valid values	<ul style="list-style-type: none"> <li>NONE</li> <li>SYSDEFAULT</li> <li>N_A</li> </ul>									
QUEUELIMIT	CHAR	CPSM	8	No	DIFF	Queue limit	NO	0-9999		108
QUEUELIMIT Input/output valid values	<ul style="list-style-type: none"> <li>NO</li> </ul>									
RECORDFORMAT	EYUDA	CPSM	4	Yes	LIKE	Record format	U			116
RECORDFORMAT Input/output valid values	<ul style="list-style-type: none"> <li>U</li> <li>VB</li> </ul>									
REMOTENAME	CHAR	CPSM	4	No	DIFF	Connection name in remote system				120
REMOTESYSNET	CHAR	CPSM	8	No	DIFF	Net name of the owning TOR				124
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	Remote connection name				132
REMSYSAPPLID	CHAR	CPSM	8	No	DIFF	NETBIOS remote system application ID			EALL	295
REMTHOSTNAME	CHAR	CPSM	40	No	DIFF	TCP/IP remote host name			EALL	343
REMTHOSTPORT	CHAR	CPSM	6	No	DIFF	TCP/IP remote host port	1435	1-65535	EALL	383
REMTHOSTPORT Input/output valid values	<ul style="list-style-type: none"> <li>*</li> </ul>									
SECURITYNAME	CHAR	CPSM	8	No	DIFF	Security name for remote system				136
SESSBUFFSIZE	CHAR	CPSM	6	No	DIFF	Maximum session buffer size	16384	512-40000	EALL	272
SESSCOUNT	CHAR	CPSM	2	No	DIFF	Number of concurrently active sessions	1	1-99	EALL	278
SINGLESESS	EYUDA	CPSM	4	Yes	LIKE	APPC terminal on single session APPC link	NO			144
SINGLESESS Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> <li>N_A</li> </ul>									
USEDFTUSER	EYUDA	CPSM	4	Yes	LIKE	Use default user ID	N_A			268
USEDFTUSER Input/output valid values	<ul style="list-style-type: none"> <li>NO</li> <li>YES</li> <li>N_A</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				184
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				192
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				200
XLNACTION	EYUDA	CPSM	4	Yes	LIKE	Exchange lognames (XLN) action	N_A			148
XLNACTION Input/output valid values	<ul style="list-style-type: none"> <li>KEEP</li> <li>FORCE</li> <li>N_A</li> </ul>									

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## Chapter 43. CONNECT Resource Table

A CICS Resource that describes an ISC or MRO connection in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**ACQUIRE**

Acquire the connection.

**BACKOUT**

Back out shunted units of work associated with the connection.

**CANCEL**

Cancel the connection.

**COMMIT**

Commit shunted units of work associated with the connection.

**DISCARD**

Discard the connection.

**ENDAFFINITY**

End the connection's affinity with a VTAM® generic resource group.

**FORCE**

Force shunted units of work associated with the connection to commit or back out.

**FORCECANCEL**

Cancel all AIDs, including system AIDs, queuing for the connection.

**FORCEPURGE**

Force purge all transactions running on sessions on the connected system.

**INSERVICE**

Place the connection in service.

**KILL**

Kill all transactions running on sessions on the connected system.

**Note:** Kill can lead to unpredictable results and should be used only in exceptional circumstances.

**NORECOVDATA**

Override the normal resynchronization process.

**NOTPENDING**

Set the connection not pending.

**OUTSERVICE**

Place the connection out of service.

**PURGE**

Purge the connection.

**RELEASE**

Release the connection.

**RESYNC**

Resynchronize shunted units of work associated with the connection.

These actions require no unique parameter data.

Some of these actions may be valid only for particular types of CICS connections. Refer to the appropriate CICS documentation for details.

**Note:** The value returned by CICS conflicts with CVDA values in other CICS environments. In order to retain the attribute's uniqueness, CICSplex SM adds either 8000 or 9000 to the value returned by CICS. For more information about translating CVDA values, see [TRANSLATE command](#).

**External resource name(CMCI)**

CICSISCMROConnection

**Object type**

CICS Resource

**Length**

400

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0006

**Security Class**

OPERATE.CONNECT

**CICS Commands subject to CICS Security**

COLLECT STATISTICS

INQUIRE CONNECTION

Table 113. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	BACKOUT	None	N/A
	COMMIT	None	N/A
	RESYNC	None	N/A
	FORCE	None	N/A
	ACQUIRE	None	N/A
	INSERVICE	None	N/A
	NOTPENDING	None	N/A
	OUTSERVICE	None	N/A
	PURGE	None	N/A
	CANCEL	None	N/A
	RELEASE	None	N/A
	ENDAFFINITY	None	N/A

Table 113. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
	NORECOVDATA	None	N/A
	FORCEPURGE	None	N/A
	KILL	None	N/A
	FORCECANCEL	None	N/A

Table 114. CONNECT resource table attributes											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
NAME-1	CHAR	INQ	CONNECTION	CONNECTION	4	DIF F	No	Connection ID			16
ACCESSMETHOD	CVDAS	INQ	CONNECTION	ACCESSMETHOD	4	LIKE	No	Access method			28
ACCESSMETHOD Output valid values	<ul style="list-style-type: none"> <li>• VTAM</li> <li>• IRC</li> <li>• INDIRECT</li> <li>• XM</li> <li>• XCF</li> <li>• NETBIOS</li> <li>• TCPIP</li> <li>• NOTAPPLIC</li> </ul>										
AIDHWM	BINARY	STAT	DFHA14DS	A14EAHWM	4	MAX	No	Peak automatic initiator descriptors (AIDs)		E640 E650 E660 E670 E680 E690 E700 E710	396
AIDS	BINARY	STAT	DFHA14DS	A14EALL	2	AVG	No	Number of automatic initiator descriptors (AIDs)		E720 +	68
AIDSF	BINARY	STAT	DFHA14DS	A14EALL	4	MAX	No	Number of automatic initiator descriptors (AIDs)		E640 E650 E660 E670	392
ALLOCATES	BINARY	STAT	DFHA14DS	A14ESTAS	4	AVG	No	Total number of allocate requests			92
ALLOCQLIMIT	CNUMERIC	STAT	DFHA14DS	A14EALIM	2	AVG	No	Allocate queue limit (QUEUELIMIT)			154
ATISBPRI	BINARY	STAT	DFHA14DS	A14ES1	4	AVG	No	Number of ATIs satisfied by primary sessions			80
ATISBSEC	BINARY	STAT	DFHA14DS	A14ES2	4	AVG	No	Number of ATIs satisfied by secondary sessions			84
AUTOSTATUS	CVDAS	INQ	CONNECTION	AUTOCONNECT	4	LIKE	No	Autoconnect option			36

Table 114. CONNECT resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
AUTOSTATUS Output valid values	<ul style="list-style-type: none"> <li>AUTOCONN</li> <li>NONAUTOCONN</li> <li>ALLCONN</li> <li>NOTAPPLIC</li> </ul>										
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	388
BIDSSSENT	BINARY	STAT	DFHA14DS	A14ESBID	4	AVG	No	Total number of bids sent			88
CHANGEAGENT	CVDAS	INQ	CONNECTION	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650	328
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>CSDAPI</li> <li>CSEBATCH</li> <li>DREPAPI</li> <li>OVERRIDE</li> <li>DREPBATCH</li> <li>AUTOINSTALL</li> <li>CREATESPI</li> <li>NOTAPPLIC</li> <li>DYNAMIC</li> </ul>										
CHANGEAGREL	CHAR	INQ	CONNECTION	CHANGEAGREL	4	DIF F	No	Last modification agent release		E640 E650	340
CHANGETIME	DATETIME	INQ	CONNECTION	CHANGETIME	8	MAX	No	Last modification time		E640 E650	344
CHANGEUSRID	CHAR	INQ	CONNECTION	CHANGEUSRID	8	DIF F	No	Last modification user ID		E640 E650	332
CONCURBIDS	BINARY	STAT	DFHA14DS	A14EBID	2	AVG	No	Number of bids currently in progress			72
CONNCREATIME	TIMESTP	STAT	DFHA14DS	A14AICT	8	MAX	No	Local connection create time			200
CONNDELETIME	TIMESTP	STAT	DFHA14DS	A14AIDT	8	MAX	No	Local connection delete time			216
CONNSTATUS	CVDAS	INQ	CONNECTION	CONNSTATUS	4	LIKE	Yes	Connection status			32
CONNSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>RELEASED</li> <li>ACQUIRED</li> </ul>										
CONNSTATUS Output valid values	<ul style="list-style-type: none"> <li>OBTAINING</li> <li>FREEING</li> <li>AVAILABLE</li> <li>NOTAPPLIC</li> </ul>										
CONNTYPE	CVDAS	INQ	CONNECTION	CONNTYPE	4	LIKE	No	External CICS interface type			140
CONNTYPE Output valid values	<ul style="list-style-type: none"> <li>SPECIFIC</li> <li>GENERIC</li> <li>NOTAPPLIC</li> </ul>										
DEFINESOURCE	CHAR	INQ	CONNECTION	DEFINESOURCE	8	DIF F	No	Source of the resource definition		E640 E650	352
DEFINETIME	DATETIME	INQ	CONNECTION	DEFINETIME	8	MAX	No	Creation time		E640 E650	360
DLIFUNCSHIP	BINARY	STAT	DFHA14DS	A14ESTDL	4	AVG	No	Number of DL/I function ships			124



Table 114. CONNECT resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
DPLFUNCSHIP	BINARY	STAT	DFHA14DS	A14ESTPC	4	AVG	No	Number of Distributed Program Link function ships			244
ESTICCHNL	BINARY	STAT	DFHA14DS	A14ESTIC_CHANNEL	4	AVG	No	Interval Control FS start requests with channels			288
ESTICCHNRCVD	BINARY	STAT	DFHA14DS	A14ESTIC_CHANNEL_RCVD	8	AVG	No	Number of bytes received on START channel requests			300
ESTICCHNSENT	BINARY	STAT	DFHA14DS	A14ESTIC_CHANNEL_SENT	8	AVG	No	Number of bytes sent on START channel requests			292
ESTPCCHNL	BINARY	STAT	DFHA14DS	A14ESTPC_CHANNEL	4	AVG	No	Program Control FS LINK requests with channels			268
ESTPCCHNRCVD	BINARY	STAT	DFHA14DS	A14ESTPC_CHANNEL_RCVD	8	AVG	No	Bytes received on LINK channel requests			280
ESTPCCHNSENT	BINARY	STAT	DFHA14DS	A14ESTPC_CHANNEL_SENT	8	AVG	No	Bytes sent on LINK channel requests			272
ESTTCCHNL	BINARY	STAT	DFHA14DS	A14ESTTC_CHANNEL	4	AVG	No	Number of terminal sharing channel requests			308
ESTTCCHNRCVD	BINARY	STAT	DFHA14DS	A14ESTTC_CHANNEL_RCVD	8	AVG	No	Bytes received on terminal sharing channel requests			320
ESTTCCHNSENT	BINARY	STAT	DFHA14DS	A14ESTTC_CHANNEL_SENT	8	AVG	No	Bytes sent on terminal sharing channel requests			312
EXITTRACING	CVDAS	INQ	CONNECTION	EXITTRACING	4	LIKE	Yes	Exit Tracing status			40
EXITTRACING Input/output valid values	<ul style="list-style-type: none"> <li>EXITTRACE</li> <li>NOEXITTRACE</li> </ul>										
EXITTRACING Output valid values	<ul style="list-style-type: none"> <li>NOTAPPLIC</li> </ul>										
EXIT_REJALLC	BINARY	STAT	DFHA14DS	A14EALRJ	4	AVG	No	Allocates rejected because QUEUELIMIT reached			136
FAILEDOTHERS	BINARY	STAT	DFHA14DS	A14ESTAO	4	AVG	No	Number of allocate requests with other failure			104
FAILINKALLOC	BINARY	STAT	DFHA14DS	A14ESTAF	4	AVG	No	Number of allocate requests with link failure			100
FCFUNCSHIP	BINARY	STAT	DFHA14DS	A14ESTFC	4	AVG	No	Number of File Control function ships			108
GMTCREATIME	TIMESTP	STAT	DFHA14DS	A14GACT	8	MAX	No	GMT connection create time			192
GMTDELETIME	TIMESTP	STAT	DFHA14DS	A14GADT	8	MAX	No	GMT connection delete time			208
GRNAME	CHAR	INQ	CONNECTION	GRNAME	8	DIFF	No	APPC generic resource			228
ICFUNCSHIP	BINARY	STAT	DFHA14DS	A14ESTIC	4	AVG	No	Number of Interval Control function ships			112
INSTALLAGENT	CVDAS	INQ	CONNECTION	INSTALLAGENT	4	LIKE	No	Installation agent		E640 E650	384

Table 114. CONNECT resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
INSTALLAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• AUTOINSTALL</li> <li>• GRPLIST</li> <li>• DYNAMIC</li> </ul>										
INSTALLTIME	DATETIME	INQ	CONNECTION	INSTALLTIME	8	MAX	No	Installation time		E640 E650	376
INSTALLUSRID	CHAR	INQ	CONNECTION	INSTALLUSRID	8	DIF F	No	Installation user ID		E640 E650	368
LINKSYSTEM	CHAR	INQ	CONNECTION	LINKSYSTEM	4	DIF F	No	Name of real link towards TOR			188
MAXBIDS	BINARY	STAT	DFHA14DS	A14EBHWM	2	AVG	No	Maximum number of concurrent bids			76
MAXPRIMARIES	BINARY	STAT	DFHA14DS	A14E1HWM	2	AVG	No	Peak number of primary sessions in use			132
MAXQTALLCPRG	BINARY	STAT	DFHA14DS	A14EMQPC	2	AVG	No	Number of allocates purged when MAXQTIME exceeded			164
MAXQTIME	CNUMERIC	STAT	DFHA14DS	A14EMXQT	2	AVG	No	Maximum queue time			152
MAXQTPURGCNT	BINARY	STAT	DFHA14DS	A14EQPCT	2	AVG	No	Number of allocates purged due to MAXQTIME value			134
MAXSECOND	BINARY	STAT	DFHA14DS	A14E2HWM	2	AVG	No	Peak number of secondaries in use at one time			74
MEMBERNAME	CHAR	INQ	CONNECTION	MEMBERNAME	8	DIF F	No	Member name of connected LU			236
NETNAME	CHAR	INQ	CONNECTION	NETNAME	8	DIF F	No	Net name			44
NONSPECAIDS	BINARY	STAT	DFHA14DS	A14ESALL	2	AVG	No	Number of AIDs waiting for a session			70
NQNAME	CHAR	INQ			17	DIF F	No	Network qualified name			248
OUTSALLOC	BINARY	STAT	DFHA14DS	A14ESTAM	2	AVG	No	Peak number of outstanding allocate requests			78
PENDSTATUS	CVDAS	INQ	CONNECTION	PENDSTATUS	4	LIK E	Yes	Pending status			56
PENDSTATUS Input/ output valid values	<ul style="list-style-type: none"> <li>• NOTPENDING</li> </ul>										
PENDSTATUS Output valid values	<ul style="list-style-type: none"> <li>• PENDING</li> <li>• NOTAPPLIC</li> </ul>										
PRICURRUDED	BINARY	STAT	DFHA14DS	A14E1RY	2	AVG	No	Number of primaries currently in use			224
PROTOCOL	CVDAS	INQ	CONNECTION	PROTOCOL	4	LIK E	No	Connection protocol			20
PROTOCOL Output valid values	<ul style="list-style-type: none"> <li>• EXCI</li> <li>• LU61</li> <li>• APPC</li> <li>• NOTAPPLIC</li> </ul>										
QUEDALLOCATE	BINARY	STAT	DFHA14DS	A14ESTAQ	4	AVG	No	Number of queued allocate requests			96

Table 114. CONNECT resource table attributes (continued)											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
RECEIVECOUNT	CNUMERIC	INQ	CONNECTION	RECEIVECOUNT	4	AVG	No	Number of defined receive sessions			144
RECOVSTATUS	CVDas	INQ	CONNECTION	RECOVSTATUS	4	LIKE	Yes	Recovery status			168
RECOVSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>NORECOVDATA</li> </ul>										
RECOVSTATUS Output valid values	<ul style="list-style-type: none"> <li>RECOVDATA</li> <li>NRS</li> <li>NOTAPPLIC</li> </ul>										
REMOTENAME	CHAR	INQ	CONNECTION	REMOTENAME	4	DIF	No	Connection name in remote system			184
REMOTESYSNET	CHAR	INQ	CONNECTION	REMOTESYSNET	8	DIF	No	Net name of the owning TOR			176
REMOTESYSTEM	CHAR	INQ	CONNECTION	REMOTESYSTEM	4	DIF	No	Remote connection name			172
SECCURRUSED	BINARY	STAT	DFHA14DS	A14E2RY	2	AVG	No	Number of secondaries currently in use			226
SENDCOUNT	CNUMERIC	INQ	CONNECTION	SENDCOUNT	4	AVG	No	Number of defined send sessions			148
SERVSTATUS	CVDas	INQ	CONNECTION	SERVSTATUS	4	LIKE	Yes	Service status			52
SERVSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>INSERVICE</li> <li>OUTSERVICE</li> </ul>										
SERVSTATUS Output valid values	<ul style="list-style-type: none"> <li>GOINGOUT</li> <li>NOTAPPLIC</li> </ul>										
TDFUNCSHIP	BINARY	STAT	DFHA14DS	A14ESTTD	4	AVG	No	Number of Transient Data function ships			116
TERMSHAREREQ	BINARY	STAT	DFHA14DS	A14ESTTC	4	AVG	No	Number of terminal sharing requests			128
TSFUNCSHIP	BINARY	STAT	DFHA14DS	A14ESTTS	4	AVG	No	Number of Temporary Storage function ships			120
TYPE	EYUDA	CPSM			4	LIKE	No	Connection type			24
TYPE Output valid values	<ul style="list-style-type: none"> <li>LU61</li> <li>LU62</li> <li>INDIRECT</li> <li>MRO</li> <li>NETBIOS</li> <li>TCPIP</li> <li>NOTAPPLIC</li> </ul>										
XLNSTATUS	CVDas	INQ	CONNECTION	XLNSTATUS	4	LIKE	No	Exchange lognames (XLN) status			60
XLNSTATUS Output valid values	<ul style="list-style-type: none"> <li>XOK</li> <li>XNOTDONE</li> <li>NOTAPPLIC</li> </ul>										
XZIQALLCPRG	BINARY	STAT	DFHA14DS	A14EZQPC	2	AVG	No	Number of allocates purged by XZIQUE exit			162
XZIQPRGCNT	BINARY	STAT	DFHA14DS	A14EZQPU	2	AVG	No	Number of queue purges requested by XZIQUE exit			160

Table 114. CONNECT resource table attributes (continued)											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
XZIQREJS	BINARY	STAT	DFHA14DS	A14EZQRJ	4	AVG	No	Number of allocates rejected by XZIQUE exit			156
ZCPTRACING	CVDAS	INQ	CONNECTION	ZCPTRACING	4	LIKE	Yes	ZCP tracing			64
ZCPTRACING Input/output valid values	<ul style="list-style-type: none"> <li>ZCPTRACE</li> <li>NOZCPTRACE</li> </ul>										
ZCPTRACING Output valid values	<ul style="list-style-type: none"> <li>NOTAPPLIC</li> </ul>										

# Chapter 44. CPLEXDEF Resource Table

A CPSM Communications Definition that describes a CICSplex. CPLEXDEF instances can be accessed only when you are connected to the CMAS that is the CICSplex Maintenance Point.

The **Primary** key field for this resource class is CICSplex.

**Note:** The value for the DAYLGHTSV attribute in the CPLEXDEF definition is stored for documentation purposes, but it is not used in time zone calculations.

The following actions are supported:

### ASSIGN

Assign CMAS to manage CICSplex.

The parameter data for the ASSIGN action is:

```
PARM('CICSPLEX(plex) CMAS(cmas).')  
  
where:  
  
plex = (Required) Name of a CICSplex to which the CMAS  
        is assigned.  
cmas = (Required) Name of a CMAS.
```

### UNASSIGN

Unassign CMAS from CICSplex management role.

The parameter data for the UNASSIGN action is:

```
PARM('CICSPLEX(plex) CMAS(cmas) [FORCE].')  
  
where:  
  
plex = (Required) Name of a CICSplex from which the CMAS  
        is unassigned.  
cmas = (Required) Name of a CMAS.
```

### External resource name(CMCI)

CICSCICSplexDefinition

### Object type

CICSplex SM Definition

### Length

152

### Usage

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

### API view

No

### CMAS context

Yes

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2736

### Security Class

CONFIG.DEF

Table 115. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSPLEX(value)	No
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ASSIGN	CICSPLEX(value)	No
		CMAS(value)	Yes
	UNASSIGN	CICSPLEX(value)	No
		CMAS(value)	Yes
		FORCE	No

Table 116. CPLEXDEF FEEDBACK error codes		
Value	Code	Description
1	CPLEXDEF_INV_DATA	Attribute data invalid
2	CPLEXDEF_REC_NOT_FOUND	Requested resource not found
4	CPLEXDEF_REC_EXISTS	Resource already exists
5	CPLEXDEF_REC_CHANGED	Resource definition already changed
8	CPLEXDEF_REPOSITORY_FAILURE	Error in data repository
21	CPLEXDEF_REMOTE_METH_FAIL	Attempt to run program in remote system failed
22	CPLEXDEF_REM_EYUDREP_CORRUPT	Error updating remote data repository
23	CPLEXDEF_DIRECTORY_ERROR	Directory error
24	CPLEXDEF_ALL_COUNTS_ZERO	All counts zero
25	CPLEXDEF_DELETE_PENDING	CICSplex delete pending
26	CPLEXDEF_MAS_ACTIVE	MAS active
27	CPLEXDEF_LCL_EYUDREP_CORRUPT	Error updating local data repository
28	CPLEXDEF_INV_CMASNAME	Invalid CMAS name
29	CPLEXDEF_CMAS_IS_MP	CMAS is maintenance point
30	CPLEXDEF_DELETING_MP	Removing maintenance point
31	CPLEXDEF_DEL_PENDING	Removal pending
32	CPLEXDEF_CMAS_LEVEL	CMAS at higher level
33	CPLEXDEF_LCL_EYUDREP_FAILURE	Error in local repository
34	CPLEXDEF_LCL_REP_INV_LENGTH	Record length error in local repository

Table 117. CPLEXDEF resource table attributes									
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
<b>CICSPLEX-1</b>	CHAR	CPSM	8	Yes	DIFF	CICSplex name			36
BOTRSUPD	BINARY	CPSM	1	Yes	DIFF	RS server bottom tier	1	1-25	140

Table 117. CPLEXDEF resource table attributes (continued)									
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> <li>DREPBATCH</li> </ul>								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DAYLGHTSV	EYUDA	CPSM	4	Yes	LIKE	Daylight saving time	NO		120
DAYLGHTSV Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>								
DESC	CHAR	CPSM	58	No	DIFF	Description			52
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	128
INTVL	BINARY	CPSM	2	Yes	AVG	Monitor interval (minutes)	480	15-1440	110
READRS	BINARY	CPSM	2	Yes	DIFF	RS server read interval	200	0-2000	136
RODMPOP	EYUDA	CPSM	4	Yes	LIKE	Resource status facility population	NO		124
RODMPOP Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>								
RSPOOLID	CHAR	CPSM	8	Yes	DIFF	RS server pool name	DFHRSTAT		141
SECBPASS	EYUDA	CPSM	4	Yes	LIKE	Security checking exemption	NO		112
SECBPASS Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>								
SECCMDCHK	EYUDA	CPSM	4	Yes	LIKE	Simulated CICS-command security checking	NO		44
SECCMDCHK Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>								
SECRESCHK	EYUDA	CPSM	4	Yes	LIKE	Simulated CICS-resource security checking	NO		48
SECRESCHK Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>								
STATE	EYUDA	CPSM	4	No	DIFF	State of CICSplex			132
STATE Input/output valid values	<ul style="list-style-type: none"> <li>ACTIVE</li> <li>PENDING</li> <li>RECREATED</li> </ul>								
STATUS	BINARY	CPSM	1	Yes	AVG	Status of attempt to delete CICSplex			116
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>1 (ACTIVE) - CICSplex Active</li> <li>2 (DELPEND) - Removal pending</li> <li>3 (UNDELETE) - Definition re-created</li> </ul>								
TMEZONE	CHAR	CPSM	1	Yes	DIFF	Time zone	B		118
TMEZONEO	BINARY	CPSM	1	Yes	AVG	Time zone offset	0	1-59	117
TOPRSUPD	BINARY	CPSM	1	Yes	DIFF	RS server top tier	5	1-25	139
UPDATERS	BINARY	CPSM	1	Yes	DIFF	RS server update frequency	15	0-25	138





# Chapter 45. CPLXCMAS Resource Table

A CPSM Communications Definition that provides information about CMASs associated with a CICSplex. CPLXCMAS instances can be accessed only when you are connected to the local CMAS that is the CICSplex Maintenance Point.

The **Primary** key field for this resource class is CMASNAME.

The **Secondary** key field for this resource class is CICSplex.

The following actions are supported:

**UNASSIGN**

Unassign CMAS from CICSplex management role.

The parameter data for the UNASSIGN action is:

```
PARM(' [FORCE] . ')
```

Specify FORCE to unassign the CMAS from the CICSplex management role when the CMAS is inaccessible.

**External resource name(CMCI)**

CICSCMASInCICSplex

**Object type**

CICSplex SM Definition

**Length**

120

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

Yes

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2737

**Security Class**

CONFIG.DEF

Table 118. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	UNASSIGN	FORCE	No

Table 119. CPLXCMAS FEEDBACK error codes

Value	Code	Description
1	CPLXCMAS_INV_DATA	Attribute data invalid
2	CPLXCMAS_REC_NOT_FOUND	Requested resource not found
8	CPLXCMAS_LCL_REP_INV_LENGTH	Record length error in local repository
21	CPLXCMAS_REMOTE_METH_FAIL	Attempt to run program in remote system failed
22	CPLXCMAS_REM_EYUDREP_CORRUPT	Error updating remote data repository
26	CPLXCMAS_MAS_ACTIVE	MAS active
27	CPLXCMAS_LCL_EYUDREP_CORRUPT	Error updating local data repository
28	CPLXCMAS_INV_CMASNAME	Invalid CMAS name
30	CPLXCMAS_DELETING_MP	Unassign not valid for MP CMAS

Table 120. CPLXCMAS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
CMASNAME-1	CHAR	CPSM	8	Yes	DIFF	CMAS			36
CICSplex-2	CHAR	CPSM	8	Yes	DIFF	CICSplex			44
BOTRSUPD	BINARY	CPSM	1	Yes	DIFF	RS server bottom tier	1	1-25	104
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> <li>DREPBATCH</li> </ul>								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DAYLIGHTSV	EYUDA	CPSM	4	Yes	LIKE	Daylight saving time in effect			84
DAYLIGHTSV Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>								
INTERVAL	BINARY	CPSM	2	Yes	AVG	Performance data interval			52
MPNAME	CHAR	CPSM	8	Yes	DIFF	Maintenance point CMAS			73
MPSTATUS	EYUDA	CPSM	4	Yes	LIKE	CMAS maintenance point status			96
MPSTATUS Output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>								
READRS	BINARY	CPSM	2	Yes	DIFF	RS server read interval	200	0-2000	100
RODMPOP	EYUDA	CPSM	4	Yes	LIKE	Resource status facility populate indicator			88
RODMPOP Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>								
RSPOOLID	CHAR	CPSM	8	Yes	DIFF	RS server pool name	DFHRSTAT		105
SECBYPASS	EYUDA	CPSM	4	Yes	LIKE	Bypass security			64
SECBYPASS Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>								

Table 120. CPLXCMAS resource table attributes (continued)									
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
SECCMDCHK	EYUDA	CPSM	4	Yes	LIKE	Security command check			56
SECCMDCHK Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>								
SECRESCHK	EYUDA	CPSM	4	Yes	LIKE	Security resource check			60
SECRESCHK Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>								
STATE	EYUDA	CPSM	4	Yes	LIKE	State			92
STATE Output valid values	<ul style="list-style-type: none"> <li>• NORMAL</li> <li>• REMOVING</li> <li>• CREATING</li> </ul>								
STATUS	BINARY	CPSM	1	Yes	MIN	Status			72
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (CREPEND) - Create pending</li> <li>• 2 (ACTIVE) - CICSplex Active</li> <li>• 3 (UPDPEND) - Updates pending</li> <li>• 4 (DELPEND) - Removal pending</li> <li>• 5 (UNDELETE) - Recreated</li> </ul>								
SYSID	CHAR	CPSM	4	Yes	DIFF	CMAS system ID			68
TMEZONE	CHAR	CPSM	1	Yes	DIFF	Time zone			82
TMEZONEO	BINARY	CPSM	1	Yes	AVG	Time zone offset			81
TOPRSUPD	BINARY	CPSM	1	Yes	DIFF	RS server top tier	5	1-25	103
UPDATERS	BINARY	CPSM	1	No	DIFF	RS server update frequency	15	0-25	102



# Chapter 46. CRESAIMD Resource Table

A CPSM Topology Manager object that describes an instance of an autoinstalled terminal model within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided,

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyAutoInstallModel

**Object type**

CICSplex SM Manager

**Length**

32

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2813

**Security Class**

OPERATE.AIMODEL

Table 121. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 122. CRESAIMD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	Autoinstall model	16
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	24
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>1 (POSDATA) - Possible Data</li> <li>2 (COLDATA) - Collect Data</li> <li>4 (USERDEF) - User Monitor Definition</li> <li>8 (SYSDEF) - System Monitor Definition</li> <li>16 (DELETED) - Resource Logically Deleted</li> </ul>					



# Chapter 47. CRESATOM Resource Table

A CPSM Topology Manager object that describes an instance of an Atom service, feed, collection, or category document definition within a CICS system.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyAtomService

**Object type**

CICSplex SM Manager

**Length**

32

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2842

**CICS Commands subject to CICS Security**

INQUIRE ATOMSERVICE

Table 123. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 124. CRESATOM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	No	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	No	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	No	ATOMSERVICE name	16
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enable status	28
ENABLESTATUS Input/output valid values	<ul style="list-style-type: none"><li>ENABLED</li><li>DISABLED</li></ul>						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	24

Table 124. CRESATOM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Offset
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>						



## Chapter 48. CRESBUND Resource Table

A CPSM Topology Manager object that describes an instance of a bundle definition in a CICS system.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyBundle

**Object type**

CICSplex SM Manager

**Length**

120

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2843

**CICS Commands subject to CICS Security**

INQUIRE BUNDLE

Table 125. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 126. CRESBUND resource table attributes							
Name	Datatype	Source	Len	Sum	Set	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	No	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	No	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	No	BUNDLE name	16
BUNDLEID	CHAR	INQ	64	DIFF	No	Bundle ID	36
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enable status	28
ENABLESTATUS Input/output valid values	<ul style="list-style-type: none"><li>• ENABLED</li><li>• DISABLED</li><li>• ENABLING</li><li>• DISABLING</li><li>• DISCARDING</li></ul>						
MAJORVERSION	BINARY	INQ	4	MAX	No	Major Version	100

Table 126. CRESBUND resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Offset
MGMTPART	CHAR	CPSM	8	DIFF	No	Management Part	112
MICROVERSION	BINARY	INQ	4	MAX	No	Micro Version	108
MINORVERSION	BINARY	INQ	4	MAX	No	Minor Version	104
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	24
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>						
PARTCOUNT	BINARY	INQ	4	SUM	No	Part count	32

# Chapter 49. CRESCONN Resource Table

A CPSM Topology Manager object that describes an instance of an ISC connection within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**  
CICSTopologyISCMROConnection

**Object type**  
CICSplex SM Manager

**Length**  
48

**Usage**  
API, WUI, CICS Management Client Interface(CMCI)

**API view**  
No

**CMAS context**  
No

**SCOPE applies**  
Yes

**Only query CMASs in workload**  
No

**Copybook identifier**  
EYUt2803

**Security Class**  
OPERATE.CONNECT

Table 127. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 128. CRESCONN resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	4	DIFF	Connection	20
CONNSTATUS	CVDAS	INQ	4	LIKE	Connection status	36
CONNSTATUS Output valid values	<ul style="list-style-type: none"> <li>RELEASED</li> <li>OBTAINING</li> <li>ACQUIRED</li> <li>FREEING</li> <li>AVAILABLE</li> <li>NOTAPPLIC</li> </ul>					

Table 128. CRESCONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
CTYPE	EYUDA	CPSM	4	LIKE	Connection type	16
CTYPE Output valid values	<ul style="list-style-type: none"> <li>• LU61</li> <li>• LU62</li> <li>• MRO</li> <li>• INDIRECT</li> <li>• EXCI</li> </ul>					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	32
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>					
NETNAME	CHAR	INQ	8	DIFF	Net name of remote system	24
SERVSTATUS	CVDAS	INQ	4	LIKE	Service status	40
SERVSTATUS Output valid values	<ul style="list-style-type: none"> <li>• INSERVICE</li> <li>• OUTSERVICE</li> <li>• GOINGOUT</li> </ul>					

## Chapter 50. CRESDB2C Resource Table

A CPSM Topology Manager object that describes an instance of a DB2® connection within a CICS system.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyDb2Connection

**Object type**

CICSplex SM Manager

**Length**

32

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2826

**Security Class**

OPERATE.DB2DBCTL

Table 129. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 130. CRESDB2C resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	DB2 connection	16
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	24
MONSTAT Input/output valid values		<ul style="list-style-type: none"><li>• 1 (POSDATA) - Possible Data</li><li>• 2 (COLDATA) - Collect Data</li><li>• 4 (USERDEF) - User Monitor Definition</li><li>• 8 (SYSDEF) - System Monitor Definition</li><li>• 16 (DELETED) - Resource Logically Deleted</li><li>• 32 (RODMACT) - Resource Status Facility Active</li></ul>				



## Chapter 51. CRESDB2E Resource Table

A CPSM Topology Manager object that describes an instance of a DB2 entry within a CICS system.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyDb2Entry

**Object type**

CICSplex SM Manager

**Length**

32

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2827

**Security Class**

OPERATE.DB2DBCTL

Table 131. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 132. CRESDB2E resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	DB2 entry	16
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	24
MONSTAT Input/output valid values		<ul style="list-style-type: none"><li>1 (POSDATA) - Possible Data</li><li>2 (COLDATA) - Collect Data</li><li>4 (USERDEF) - User Monitor Definition</li><li>8 (SYSDEF) - System Monitor Definition</li><li>16 (DELETED) - Resource Logically Deleted</li><li>32 (RODMACT) - Resource Status Facility Active</li></ul>				





## Chapter 52. CRESDB2P Resource Table

A CPSM Topology Manager object that describes an instance of a DB2 packageset within a CICS system.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is APPLTOKEN.

The **Tertiary** key field for this resource class is PLATTOKEN.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSTopologyDb2Packageset

### Object type

CICSplex SM Manager

### Length

168

### Usage

API, CICS Management Client Interface(CMCI), EVALDEF

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt2856

### Security Class

OPERATE.DB2DBCTL

Table 133. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 134. CRESDB2P resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	128	DIFF	DB2 Packageset	16
APPLTOKEN-2	HEX	CPSM	8	MAX	Application Qualifier Token	144
PLATTOKEN-3	HEX	CPSM	8	MAX	Platform Qualifier Token	152
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	160

Table 134. CRESDB2P resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>					

## Chapter 53. CRESDB2T Resource Table

A CPSM Topology Manager object that describes an instance of a DB2 transaction within a CICS system.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyDb2Transaction

**Object type**

CICSplex SM Manager

**Length**

32

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2828

**Security Class**

OPERATE.DB2DBCTL

Table 135. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 136. CRESDB2T resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	DB2 transaction	16
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	24
MONSTAT Input/output valid values		<ul style="list-style-type: none"><li>1 (POSDATA) - Possible Data</li><li>2 (COLDATA) - Collect Data</li><li>4 (USERDEF) - User Monitor Definition</li><li>8 (SYSDEF) - System Monitor Definition</li><li>16 (DELETED) - Resource Logically Deleted</li><li>32 (RODMACT) - Resource Status Facility Active</li></ul>				



# Chapter 54. CRESDOCT Resource Table

A CPSM Topology Manager object that describes an instance of a Document Template within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

- External resource name(CMCI)**  
CICSTopologyDocumentTemplate
- Object type**  
CICSplex SM Manager
- Length**  
32
- Usage**  
API, WUI, CICS Management Client Interface(CMCI)
- API view**  
No
- CMAS context**  
No
- SCOPE applies**  
Yes
- Only query CMASs in workload**  
No
- Copybook identifier**  
EYUt2834
- CICS Commands subject to CICS Security**  
INQUIRE DOCTEMPLATE

Table 137. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 138. CRESDOCT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	Document template	16
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	24
MONSTAT Input/output valid values	<ul style="list-style-type: none"><li>1 (POSDATA) - Possible Data</li><li>2 (COLDATA) - Collect Data</li><li>4 (USERDEF) - User Monitor Definition</li><li>8 (SYSDEF) - System Monitor Definition</li><li>16 (DELETED) - Resource Logically Deleted</li><li>32 (RODMACT) - Resource Status Facility Active</li></ul>					



# Chapter 55. CRESDSNM Resource Table

A CPSM Topology Manager object that describes an instance of a data set within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyDataSet

**Object type**

CICSplex SM Manager

**Length**

80

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2819

**Security Class**

OPERATE.FILE

Table 139. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 140. CRESDSNM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name		0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release		8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		12
NAME-1	CHAR	CPSM	44	DIFF	Data set		20
BACKOUTSTAT	CVDAS	INQ	4	LIKE	Backout status	E510+	68
BACKOUTSTAT Output valid values	<ul style="list-style-type: none"> <li>NORMALBKOUT</li> <li>FAILEDBKOUT</li> <li>FAILINGBKOUT</li> <li>N_A</li> </ul>						
DTYPE	CVDAS	CPSM	4	LIKE	Data set type		16

Table 140. CRESDSNM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Offset
DTYPE Output valid values	<ul style="list-style-type: none"> <li>VSAM</li> <li>BDAM</li> </ul>						
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status		64
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>1 (POSDATA) - Possible Data</li> <li>2 (COLDATA) - Collect Data</li> <li>4 (USERDEF) - User Monitor Definition</li> <li>8 (SYSDEF) - System Monitor Definition</li> <li>16 (DELETED) - Resource Logically Deleted</li> <li>32 (RODMACT) - Resource Status Facility Active</li> </ul>						
VALIDITY	CVDAS	INQ	4	LIKE	Validity status		72
VALIDITY Output valid values	<ul style="list-style-type: none"> <li>VALID</li> <li>INVALID</li> </ul>						



## Chapter 56. CRESENQM Resource Table

A CPSM Topology Manager object that describes an instance of an ENQ/DEQ model within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyEnqueueModel

**Object type**

CICSplex SM Manager

**Length**

32

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2830

**CICS Commands subject to CICS Security**

INQUIRE ENQMODEL

Table 141. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 142. CRESENQM resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	Enqueue model	16
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	24
MONSTAT Input/output valid values		<ul style="list-style-type: none"><li>1 (POSDATA) - Possible Data</li><li>2 (COLDATA) - Collect Data</li><li>4 (USERDEF) - User Monitor Definition</li><li>8 (SYSDEF) - System Monitor Definition</li><li>16 (DELETED) - Resource Logically Deleted</li><li>32 (RODMACT) - Resource Status Facility Active</li></ul>				



# Chapter 57. CRESEPAD Resource Table

A CPSM Topology Manager object that describes an instance of an event processing adapter.

The **Primary** key field for this resource class is NAME.

This resource class has no object specific actions.

**External resource name(CMCI)**

CICSTopologyEPAdapter

**Object type**

CICSplex SM Manager

**Length**

56

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2849

**CICS Commands subject to CICS Security**

INQUIRE EPADAPTER

Table 143. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 144. CRESEPAD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	32	DIFF	EP adapter	16
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	52
ENABLESTATUS Output valid values	<ul style="list-style-type: none"><li>ENABLED</li><li>DISABLED</li></ul>					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	48

Table 144. CRESEPAD resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>					

# Chapter 58. CRESEPAS Resource Table

A CPSM Topology Manager object that describes an instance of an event processing adapter set.

The **Primary** key field for this resource class is NAME.

This resource class has no object specific actions.

**External resource name(CMCI)**

CICSTopologyEPAdapterSet

**Object type**

CICSplex SM Manager

**Length**

56

**Usage**

API, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2855

**CICS Commands subject to CICS Security**

INQUIRE EPADAPTERSET

Table 145. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 146. CRESEPAS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	32	DIFF	EP adapter set	16
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	52
ENABLESTATUS Output valid values	<ul style="list-style-type: none"><li>ENABLED</li><li>DISABLED</li></ul>					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	48

Table 146. CRESEPAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>					

# Chapter 59. CRESEVBD Resource Table

A CPSM Topology Manager object that describes an instance of an event binding in a CICS system.

The **Primary** key field for this resource class is NAME.

This resource class has no object specific actions.

**External resource name(CMCI)**

CICSTopologyEventBinding

**Object type**

CICSplex SM Manager

**Length**

56

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2844

**CICS Commands subject to CICS Security**

INQUIRE EVENTBINDING

Table 147. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 148. CRESEVBD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	32	DIFF	Event binding name	16
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	52
ENABLESTATUS Input/output valid values	<ul style="list-style-type: none"><li>ENABLED</li><li>DISABLED</li></ul>					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	48

Table 148. CRESEVBD resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>					



# Chapter 60. CRESEVCS Resource Table

A CPSM Topology Manager object that describes an instance of a capture specification in a CICS system.

The **Primary** key field for this resource class is EVENTBINDING.

The **Secondary** key field for this resource class is NAME.

This resource class has no object specific actions.

**External resource name(CMCI)**

CICSTopologyCaptureSpecification

**Object type**

CICSplex SM Manager

**Length**

88

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2847

**CICS Commands subject to CICS Security**

INQUIRE EVENTBINDING

Table 149. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 150. CRESEVCS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
EVENTBINDING-1	CHAR	CPSM	32	DIFF	Event binding name	16
NAME-2	CHAR	CPSM	32	DIFF	Event processing capture specification name	48
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	80

Table 150. CRESEVCS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>					

# Chapter 61. CRESFECO Resource Table

A CPSM Topology Manager object that describes an instance of a FEPI connection within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyFEPIConnection

**Object type**

CICSplex SM Manager

**Length**

48

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2820

**Security Class**

OPERATE.FEPI

Table 151. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 152. CRESFECO resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	16	DIFF	Target and node names of connection	16
ACQSTATUS	CVDAS	INQ	4	LIKE	Acquired status	36
ACQSTATUS Output valid values	<ul style="list-style-type: none"><li>RELEASED</li><li>RELEASING</li><li>ACQUIRED</li><li>ACQUIRING</li></ul>					
MONSTAT	BIT	CPSM	1	LIKE	FEPI connection monitoring status	32

Table 152. CRESFECO resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>					
SERVSTATUS	CVDAS	INQ	4	LIKE	Service status	40
SERVSTATUS Output valid values	<ul style="list-style-type: none"> <li>• INSERVICE</li> <li>• OUTSERVICE</li> <li>• GOINGOUT</li> </ul>					

# Chapter 62. CRESFEND Resource Table

A CPSM Topology Manager object that describes an instance of a FEPI node within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyFEPINode

**Object type**

CICSplex SM Manager

**Length**

32

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2814

**Security Class**

OPERATE.FEPI

Table 153. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 154. CRESFEND resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	FEPI node	16
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	24
MONSTAT Input/output valid values						
<ul style="list-style-type: none"><li>1 (POSDATA) - Possible Data</li><li>2 (COLDATA) - Collect Data</li><li>4 (USERDEF) - User Monitor Definition</li><li>8 (SYSDEF) - System Monitor Definition</li><li>16 (DELETED) - Resource Logically Deleted</li></ul>						



# Chapter 63. CRESFEPO Resource Table

A CPSM Topology Manager object that describes an instance of a FEPI pool within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyFEPIPool

**Object type**

CICSplex SM Manager

**Length**

32

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2815

**Security Class**

OPERATE.FEPI

Table 155. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 156. CRESFEPO resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	FEPI pool	16
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	24
MONSTAT Input/output valid values						
<ul style="list-style-type: none"><li>1 (POSDATA) - Possible Data</li><li>2 (COLDATA) - Collect Data</li><li>4 (USERDEF) - User Monitor Definition</li><li>8 (SYSDEF) - System Monitor Definition</li><li>16 (DELETED) - Resource Logically Deleted</li></ul>						





# Chapter 64. CRESFETR Resource Table

A CPSM Topology Manager object that describes an instance of a FEPI target within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyFEPITarget

**Object type**

CICSplex SM Manager

**Length**

32

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2816

**Security Class**

OPERATE.FEPI

Table 157. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 158. CRESFETR resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	FEPI target	16
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	24
MONSTAT Input/output valid values						
<ul style="list-style-type: none"><li>1 (POSDATA) - Possible Data</li><li>2 (COLDATA) - Collect Data</li><li>4 (USERDEF) - User Monitor Definition</li><li>8 (SYSDEF) - System Monitor Definition</li><li>16 (DELETED) - Resource Logically Deleted</li></ul>						



# Chapter 65. CRESFILE Resource Table

A CPSM Topology Manager object that describes an instance of a file within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyFile

**Object type**

CICSplex SM Manager

**Length**

96

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2801

**Security Class**

OPERATE.FILE

Table 159. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 160. CRESFILE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	File	20
DSNAME	CHAR	CPSM	44	DIFF	Data set name	52
ENABLESTATUS	CV DAS	INQ	4	LIKE	Enabled status	44
ENABLESTATUS Output valid values						
<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> <li>• UNENABLED</li> <li>• DISABLING</li> <li>• UNENABLING</li> </ul>						

Table 160. CRESFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
FTYPE	EYUDA	CPSM	4	LIKE	File type	16
FTYPE Output valid values	<ul style="list-style-type: none"> <li>• LFILE</li> <li>• RFILE</li> <li>• CTABL</li> <li>• UTABL</li> <li>• CFTBL</li> </ul>					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	40
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>					
OPENSTATUS	CV DAS	INQ	4	LIKE	Open status	48
OPENSTATUS Output valid values	<ul style="list-style-type: none"> <li>• OPEN</li> <li>• OPENING</li> <li>• CLOSED</li> <li>• CLOSING</li> <li>• CLOSEREQUEST</li> </ul>					
REMOTENAME	CHAR	CPSM	8	DIFF	File name on remote system	28
REMOTESYSTEM	CHAR	CPSM	4	DIFF	Remote system ID	36

# Chapter 66. CRESGLUE Resource Table

A CPSM Topology Manager object that describes an instance of a global user exit within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is EXITNAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyGlobalUserExit

**Object type**

CICSplex SM Manager

**Length**

40

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2821

**Security Class**

OPERATE.EXIT

Table 161. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 162. CRESGLUE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	Global user exit program	16
EXITNAME-2	CHAR	CPSM	8	DIFF	Exit point name	24
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	32

Table 162. CRESGLUE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>					
STARTSTATUS	CVDAS	INQ	4	LIKE	Start status	36
STARTSTATUS Output valid values	<ul style="list-style-type: none"> <li>• STARTED</li> <li>• STOPPED</li> </ul>					

# Chapter 67. CRESIPCN Resource Table

The CRESIPCN views display information about an instance of an IPIC connection (IPCONN) within a CICS system.

The **Primary** key field for this resource class is NAME. Note that a connection name can be only 4 characters long. The remainder of the 8-character NAME field should be padded with blank spaces.

The following actions are supported:

**GET**

Get data for the named IPCONN.

**External resource name(CMCI)**

CICSTopologyIPICConnection

**Object type**

CICSplex SM Manager

**Length**

48

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2835

**CICS Commands subject to CICS Security**

INQUIRE IPCONN

Table 163. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 164. CRESIPCN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	Connection name	20
CONNSTATUS	CVDAS	INQ	4	LIKE	Connection status	40

Table 164. CRESIPCN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
CONNSTATUS Output valid values	<ul style="list-style-type: none"> <li>RELEASED</li> <li>OBTAINING</li> <li>ACQUIRED</li> <li>FREEING</li> <li>AVAILABLE</li> <li>NOTAPPLIC</li> </ul>					
CTYPE	EYUDA	INQ	4	LIKE	Connection type	16
CTYPE Output valid values	<ul style="list-style-type: none"> <li>IPIC</li> </ul>					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	36
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>1 (POSDATA) - Possible Data</li> <li>2 (COLDATA) - Collect Data</li> <li>4 (USERDEF) - User Monitor Definition</li> <li>8 (SYSDEF) - System Monitor Definition</li> <li>16 (DELETED) - Resource Logically Deleted</li> <li>32 (RODMACT) - Resource Status Facility Active</li> </ul>					
NETNAME	CHAR	INQ	8	DIFF	Net name of remote system	28
SERVSTATUS	CVDAS	INQ	4	LIKE	Service status	44
SERVSTATUS Output valid values	<ul style="list-style-type: none"> <li>INSERVICE</li> <li>OUTSERVICE</li> <li>GOINGOUT</li> </ul>					



## Chapter 68. CRESJRNL Resource Table

A CPSM Topology Manager object that describes an instance of a journal within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Manager

### Length

32

### Usage

API, WUI

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt2804

### Security Class

OPERATE.JOURNAL

Table 165. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 166. CRESJRNL resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	BINARY	CPSM	2	AVG	Journal	20
JTYPE	CVDAS	CPSM	4	LIKE	Journal type	16
JTYPE Output valid values	<ul style="list-style-type: none"><li>• DISK1</li><li>• DISK2</li><li>• DISK2PAUSE</li><li>• SMF</li><li>• TAPE1</li><li>• TAPE2</li></ul>					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	22

Table 166. CRESJRNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>					
OPENSTATUS	CVDAS	INQ	4	LIKE	Open status	24
OPENSTATUS Output valid values	<ul style="list-style-type: none"> <li>• OPENOUTPUT</li> <li>• CLOSED</li> </ul>					

# Chapter 69. CRESJRNM Resource Table

A CPSM Topology Manager object that describes an instance of a journal name within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyJournalName

**Object type**

CICSplex SM Manager

**Length**

40

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2825

**Security Class**

OPERATE.JOURNAL

Table 167. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 168. CRESJRNM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	Journal	20
JNTYPE	CVDAS	CPSM	4	LIKE	Journal type	16
JNTYPE Output valid values	<ul style="list-style-type: none"><li>MVS</li><li>SMF</li><li>DUMMY</li></ul>					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	28

Table 168. CRESJRNM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>					
STATUS	CVDAS	CPSM	4	LIKE	Journal status	32
STATUS Output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> <li>• FAILED</li> </ul>					

# Chapter 70. CRESJVMS Resource Table

A CPSM Topology Manager object that describes an instance of a JVMSERVER definition in a CICS system.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyJVMServer

**Object type**

CICSplex SM Manager

**Length**

32

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2846

**CICS Commands subject to CICS Security**

INQUIRE JVMSERVER

Table 169. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 170. CRESJVMS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	JVM server name	16
ENABLESTATUS	CVDAS	CPSM	4	LIKE	Enable status	28
ENABLESTATUS Input/output valid values	<ul style="list-style-type: none"><li>ENABLED</li><li>DISABLED</li></ul>					
ENABLESTATUS Output valid values	<ul style="list-style-type: none"><li>ENABLING</li><li>DISABLING</li><li>DISCARDING</li></ul>					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	24

Table 170. CRESJVMS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>					

## Chapter 71. CRESLIBR Resource Table

A CPSM Topology Manager object that describes an instance of a LIBRARY definition in a CICS system.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is APPLTOKEN.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSTopologyLibrary

### Object type

CICSplex SM Manager

### Length

48

### Usage

API, WUI, CICS Management Client Interface(CMCI)

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt2836

### Security Class

OPERATE.PROGRAM

Table 171. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 172. CRESLIBR resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	No	CICS System Name		0
EYU_CICSREL	CHAR	CPSM	4	DIFF	No	CICS Release		8
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		12
NAME-1	CHAR	CPSM	8	DIFF	No	LIBRARY name		16
APPLTOKEN	BINARY	CPSM	8	MAX	No	Application Qualifier Token	E640 E650 E660 E670 E680	36
CRITSTATUS	CVDAS	INQ	4	LIKE	Yes	Critical status		28
CRITSTATUS Input/output valid values	<ul style="list-style-type: none"><li>CRITICAL</li><li>NONCRITICAL</li></ul>							

Table 172. CRESLIBR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Offset
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enable status		32
ENABLESTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• DISABLED</li> <li>• ENABLED</li> <li>• DISABLING</li> <li>• ENABLING</li> <li>• DISCARDING</li> </ul>							
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status		24
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>							



# Chapter 72. CRESMODE Resource Table

A CPSM Topology Manager object that describes an instance of an LU6.2 modename within a CICS System. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is CONNNAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyLU62ModeName

**Object type**

CICSplex SM Manager

**Length**

40

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2807

**Security Class**

OPERATE.CONNECT

Table 173. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 174. CRESMODE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	Mode name	16
CONNNAME-2	CHAR	CPSM	4	DIFF	Connection	24
CONNSTATUS	CVDAS	INQ	4	LIKE	Connection status	32

Table 174. CRESMODE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
CONNSTATUS Output valid values	<ul style="list-style-type: none"> <li>• RELEASED</li> <li>• OBTAINING</li> <li>• ACQUIRED</li> <li>• FREEING</li> <li>• AVAILABLE</li> <li>• CLOSED</li> </ul>					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	28
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>					

## Chapter 73. CRESMQMN Resource Table

A CPSM Topology Manager object that describes an instance of a MQMONITOR definition in a CICS system.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSTopologyMQmonitor

### Object type

CICSplex SM Manager

### Length

32

### Usage

API, WUI, CICS Management Client Interface(CMCI)

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt2857

### CICS Commands subject to CICS Security

INQUIRE MQMON

Table 175. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 176. CRESMQMN resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	MQMONITOR entry	16
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	24
MONSTAT Input/output valid values		<ul style="list-style-type: none"><li>1 (POSDATA) - Possible Data</li><li>2 (COLDATA) - Collect Data</li><li>4 (USERDEF) - User Monitor Definition</li><li>8 (SYSDEF) - System Monitor Definition</li><li>16 (DELETED) - Resource Logically Deleted</li><li>32 (RODMACT) - Resource Status Facility Active</li></ul>				



# Chapter 74. CRESNODJ Resource Table

A CPSM Topology Manager object that describes an instance of a NODEJSAPP definition in a CICS system.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyNodeJSApp

**Object type**

CICSplex SM Manager

**Length**

56

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2858

**CICS Commands subject to CICS Security**

INQUIRE NODEJSAPP

Table 177. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 178. CRESNODJ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	32	DIFF	Node.js Application name	16
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	52
ENABLESTATUS Input/output valid values	<ul style="list-style-type: none"> <li>ENABLED</li> <li>DISABLED</li> <li>FAILED</li> </ul>					
ENABLESTATUS Output valid values	<ul style="list-style-type: none"> <li>ENABLING</li> <li>DISABLING</li> </ul>					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	48

Table 178. CRESNODJ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>					

# Chapter 75. CRESPART Resource Table

A CPSM Topology Manager object that describes an instance of a partner table within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyPartner

**Object type**

CICSplex SM Manager

**Length**

32

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2817

**Security Class**

OPERATE.PARTNER

Table 179. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 180. CRESPART resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	Partner	16
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	24
MONSTAT Input/output valid values	<ul style="list-style-type: none"><li>1 (POSDATA) - Possible Data</li><li>2 (COLDATA) - Collect Data</li><li>4 (USERDEF) - User Monitor Definition</li><li>8 (SYSDEF) - System Monitor Definition</li><li>16 (DELETED) - Resource Logically Deleted</li></ul>					





# Chapter 76. CRESPIPE Resource Table

A CPSM Topology Manager object that describes an instance of a PIPELINE definition in a CICS system.  
The **Primary** key field for this resource class is NAME.  
There are no object specific actions for this resource class.

**External resource name(CMCI)**  
CICSTopologyPipeline

**Object type**  
CICSplex SM Manager

**Length**  
32

**Usage**  
API, WUI, CICS Management Client Interface(CMCI)

**API view**  
No

**CMAS context**  
No

**SCOPE applies**  
Yes

**Only query CMASs in workload**  
No

**Copybook identifier**  
EYUt2841

**CICS Commands subject to CICS Security**  
INQUIRE PIPELINE

Table 181. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 182. CRESPIPE resource table attributes							
Name	Datatype	Source	Len	Sum	Set	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	No	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	No	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	No	PIPELINE name	16
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enable status	28
ENABLESTATUS Input/output valid values	<ul style="list-style-type: none"><li>• ENABLED</li><li>• DISABLED</li><li>• ENABLING</li><li>• DISABLING</li><li>• DISCARDING</li></ul>						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	24

Table 182. CRESPIPE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Offset
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>						

## Chapter 77. CRESPRGM Resource Table

A CPSM Topology Manager object that describes an instance of a program within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is APPLTOKEN.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSTopologyProgram

### Object type

CICSplex SM Manager

### Length

56

### Usage

API, WUI, CICS Management Client Interface(CMCI)

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt2802

### Security Class

OPERATE.PROGRAM

Table 183. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 184. CRESPRGM resource table attributes							
Name	Datatype	Source	Len	Sum	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name		0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release		8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		12
NAME-1	CHAR	CPSM	8	DIFF	Program		16
APPLTOKEN	BINARY	CPSM	8	MAX	Application Qualifier Token	E640 E650 E660 E670 E680	44
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status		40

Table 184. CRESPRGM resource table attributes (continued)							
Name	Datatype	Source	Len	Sum	Description	Get Invalid	Offset
ENABLESTATUS Output valid values	<ul style="list-style-type: none"> <li>ENABLED</li> <li>DISABLED</li> </ul>						
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status		36
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>1 (POSDATA) - Possible Data</li> <li>2 (COLDATA) - Collect Data</li> <li>4 (USERDEF) - User Monitor Definition</li> <li>8 (SYSDEF) - System Monitor Definition</li> <li>16 (DELETED) - Resource Logically Deleted</li> <li>32 (RODMACT) - Resource Status Facility Active</li> </ul>						
REMOTENAME	CHAR	CPSM	8	DIFF	Program name on remote system		24
REMOTESYSTEM	CHAR	CPSM	4	DIFF	Remote system ID		32

# Chapter 78. CRESPROF Resource Table

A CPSM Topology Manager object that describes an instance of a profile within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**  
CICSTopologyProfile

**Object type**  
CICSplex SM Manager

**Length**  
32

**Usage**  
API, WUI, CICS Management Client Interface(CMCI)

**API view**  
No

**CMAS context**  
No

**SCOPE applies**  
Yes

**Only query CMASs in workload**  
No

**Copybook identifier**  
EYUt2818

**Security Class**  
OPERATE.PROFILE

Table 185. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 186. CRESPROF resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	Profile	16
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	24
MONSTAT Input/output valid values		<ul style="list-style-type: none"><li>1 (POSDATA) - Possible Data</li><li>2 (COLDATA) - Collect Data</li><li>4 (USERDEF) - User Monitor Definition</li><li>8 (SYSDEF) - System Monitor Definition</li><li>16 (DELETED) - Resource Logically Deleted</li></ul>				



# Chapter 79. CRESPTY Resource Table

A CPSM Topology Manager object that describes an instance of a process type within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyBTSPProcessType

**Object type**

CICSplex SM Manager

**Length**

32

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2832

**CICS Commands subject to CICS Security**

INQUIRE PROCESSTYPE

Table 187. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 188. CRESPTY resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	BTS process type	16
MONSTAT	BIT	CPSM	1	LIKE	BTS process type monitoring status	24
MONSTAT Input/output valid values						
<ul style="list-style-type: none"><li>1 (POSDATA) - Possible Data</li><li>2 (COLDATA) - Collect Data</li><li>4 (USERDEF) - User Monitor Definition</li><li>8 (SYSDEF) - System Monitor Definition</li><li>16 (DELETED) - Resource Logically Deleted</li><li>32 (RODMACT) - Resource Status Facility Active</li></ul>						





## Chapter 80. CRESRQMD Resource Table

A CPSM Topology Manager object that describes an instance of a request within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSTopologyRequestModel

### Object type

CICSplex SM Manager

### Length

32

### Usage

API, WUI, CICS Management Client Interface(CMCI)

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt2831

### CICS Commands subject to CICS Security

INQUIRE REQUESTMODEL

Table 189. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 190. CRESRQMD resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	Request model	16
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	24
MONSTAT Input/output valid values		<ul style="list-style-type: none"><li>1 (POSDATA) - Possible Data</li><li>2 (COLDATA) - Collect Data</li><li>4 (USERDEF) - User Monitor Definition</li><li>8 (SYSDEF) - System Monitor Definition</li><li>16 (DELETED) - Resource Logically Deleted</li><li>32 (RODMACT) - Resource Status Facility Active</li></ul>				



# Chapter 81. CRESSDMP Resource Table

A CPSM Topology Manager object that describes an instance of a system dump code within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologySystemDump

**Object type**

CICSplex SM Manager

**Length**

40

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2822

**Security Class**

OPERATE.REGION

Table 191. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 192. CRESSDMP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	System dump code	16
MONSTAT	BIT	CPSM	1	LIKE	System dump monitoring status	24
MONSTAT Input/output valid values						
<ul style="list-style-type: none"> <li>1 (POSDATA) - Possible Data</li> <li>2 (COLDATA) - Collect Data</li> <li>4 (USERDEF) - User Monitor Definition</li> <li>8 (SYSDEF) - System Monitor Definition</li> <li>16 (DELETED) - Resource Logically Deleted</li> <li>32 (RODMACT) - Resource Status Facility Active</li> </ul>						

Table 192. CRESSDMP resource table attributes (continued)						
Name	Datatype	Source	Len	Sum	Description	Offset
SDMPSTATUS	CVDAS	INQ	4	LIKE	System dump status	32
SDMPSTATUS Output valid values	<ul style="list-style-type: none"> <li>• SYSDUMP</li> <li>• NOSYSDUMP</li> </ul>					
SHUTDSTATUS	CVDAS	INQ	4	LIKE	Shutdown status	28
SHUTDSTATUS Output valid values	<ul style="list-style-type: none"> <li>• SHUTDOWN</li> <li>• NOSHUTDOWN</li> </ul>					

## Chapter 82. CRESTCPS Resource Table

A CPSM Topology Manager object that describes an instance of a TCPIP Service within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyTCPIPService

**Object type**

CICSplex SM Manager

**Length**

32

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2833

**CICS Commands subject to CICS Security**

INQUIRE TCIPSERVICE

<i>Table 193. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A

<i>Table 194. CRESTCPS resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	TCP/IP service	16
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	24
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>1 (POSDATA) - Possible Data</li> <li>2 (COLDATA) - Collect Data</li> <li>4 (USERDEF) - User Monitor Definition</li> <li>8 (SYSDEF) - System Monitor Definition</li> <li>16 (DELETED) - Resource Logically Deleted</li> <li>32 (RODMACT) - Resource Status Facility Active</li> </ul>					



# Chapter 83. CRESTDMP Resource Table

A CPSM Topology Manager object that describes an instance of a transaction dump code within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyTransactionDump

**Object type**

CICSplex SM Manager

**Length**

40

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2823

**Security Class**

OPERATE.REGION

Table 195. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 196. CRESTDMP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	4	DIFF	Transaction dump code	16
MONSTAT	BIT	CPSM	1	LIKE	Transaction dump monitoring status	20
MONSTAT Input/output valid values						
<ul style="list-style-type: none"><li>1 (POSDATA) - Possible Data</li><li>2 (COLDATA) - Collect Data</li><li>4 (USERDEF) - User Monitor Definition</li><li>8 (SYSDEF) - System Monitor Definition</li><li>16 (DELETED) - Resource Logically Deleted</li><li>32 (RODMACT) - Resource Status Facility Active</li></ul>						

Table 196. CRESTDMP resource table attributes (continued)						
Name	Datatype	Source	Len	Sum	Description	Offset
SDMPSTATUS	CVDAS	INQ	4	LIKE	System dump status	28
SDMPSTATUS Output valid values	<ul style="list-style-type: none"> <li>• SYSDUMP</li> <li>• NOSYSDUMP</li> </ul>					
SHUTDSTATUS	CVDAS	INQ	4	LIKE	Shutdown status	24
SHUTDSTATUS Output valid values	<ul style="list-style-type: none"> <li>• SHUTDOWN</li> <li>• NOSHUTDOWN</li> </ul>					
TDMPSTATUS	CVDAS	INQ	4	LIKE	Transaction dump status	32
TDMPSTATUS Output valid values	<ul style="list-style-type: none"> <li>• TRANDUMP</li> <li>• NOTRANDUMP</li> </ul>					



# Chapter 84. CRESTDQ Resource Table

A CPSM Topology Manager object that describes an instance of a transient data queue within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyTDQueue

**Object type**

CICSplex SM Manager

**Length**

48

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2805

**Security Class**

OPERATE.TDQUEUE

Table 197. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 198. CRESTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	4	DIFF	TDQ queue	20
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	36
ENABLESTATUS Output valid values	<ul style="list-style-type: none"><li>ENABLED</li><li>DISABLED</li><li>NOTAPPLIC</li></ul>					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	32

Table 198. CRESTDQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>					
OPENSTATUS	CVDAS	INQ	4	LIKE	Open status	40
OPENSTATUS Output valid values	<ul style="list-style-type: none"> <li>• OPEN</li> <li>• OPENING</li> <li>• CLOSED</li> <li>• CLOSING</li> <li>• SWITCHING</li> <li>• NOTAPPLIC</li> </ul>					
QTYPE	CVDAS	CPSM	4	LIKE	TD queue type	16
QTYPE Output valid values	<ul style="list-style-type: none"> <li>• INTRA</li> <li>• EXTRA</li> <li>• REMOTE</li> <li>• INDIRECT</li> </ul>					
REMOTENAME	CHAR	CPSM	4	DIFF	TD queue name on remote system	24
REMOTESYSTEM	CHAR	CPSM	4	DIFF	Remote system ID	28

## Chapter 85. CRESTERM Resource Table

A CPSM Topology Manager object that describes an instance of a terminal within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSTopologyTerminal

### Object type

CICSplex SM Manager

### Length

40

### Usage

API, WUI, CICS Management Client Interface(CMCI)

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt2806

### Security Class

OPERATE.TERMINAL

Table 199. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 200. CRESTERM resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	4	DIFF	Terminal	16
ACQSTATUS	CVDAS	INQ	4	LIKE	Acquired status	24
ACQSTATUS Output valid values	<ul style="list-style-type: none"><li>ACQUIRED</li><li>ACQUIRING</li><li>RELEASED</li><li>RELEASING</li><li>NOTAPPLIC</li></ul>					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	20

Table 200. CRESTERM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>					
NETNAME	CHAR	CPSM	8	DIFF	Terminal network name	32
SERVSTATUS	CVDAS	INQ	4	LIKE	Service status	28
SERVSTATUS Output valid values	<ul style="list-style-type: none"> <li>• INSERVICE</li> <li>• OUTSERVICE</li> </ul>					

# Chapter 86. CRESTRAN Resource Table

A CPSM Topology Manager object that describes an instance of a transaction within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyTransaction

**Object type**

CICSplex SM Manager

**Length**

56

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2800

**Security Class**

OPERATE.TRAN

Table 201. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 202. CRESTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	4	DIFF	Transaction ID	20
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	40
ENABLESTATUS Output valid values	<ul style="list-style-type: none"><li>ENABLED</li><li>DISABLED</li></ul>					
MONSTAT	BIT	CPSM	1	LIKE	Transaction monitoring status	36

Table 202. CRESTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>					
PGMNAME	CHAR	CPSM	8	DIFF	First program name	44
REMOTENAME	CHAR	CPSM	8	DIFF	Transaction ID on remote system	24
REMOTESYSTEM	CHAR	CPSM	4	DIFF	Remote system ID	32
TTYTYPE	EYUDA	CPSM	4	LIKE	Transaction type	16
TTYTYPE Output valid values	<ul style="list-style-type: none"> <li>• LTRAN</li> <li>• RTRAN</li> </ul>					

## Chapter 87. CRESTRUE Resource Table

A CPSM Topology Manager object that describes an instance of a task-related user exit within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is ENTRYNME.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSTopologyTaskRelatedExit

### Object type

CICSplex SM Manager

### Length

40

### Usage

API, WUI, CICS Management Client Interface(CMCI)

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt2824

### Security Class

OPERATE.EXIT

Table 203. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 204. CRESTRUE resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	Task-related user exit program	16
ENTRYNME-2	CHAR	CPSM	8	DIFF	Entry name	24
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	32

Table 204. CRESTRUE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>					
STARTSTATUS	CVDAS	INQ	4	LIKE	Start status	36
STARTSTATUS Output valid values	<ul style="list-style-type: none"> <li>• STARTED</li> <li>• STOPPED</li> </ul>					



## Chapter 88. CRESTSMD Resource Table

A CPSM Topology Manager object that describes an instance of a temporary storage queue within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyTSMModel

**Object type**

CICSplex SM Manager

**Length**

32

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2829

**CICS Commands subject to CICS Security**

INQUIRE TSMODEL

Table 205. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 206. CRESTSMD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	Temporary storage model	16
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	24
MONSTAT Input/output valid values						
<ul style="list-style-type: none"><li>1 (POSDATA) - Possible Data</li><li>2 (COLDATA) - Collect Data</li><li>4 (USERDEF) - User Monitor Definition</li><li>8 (SYSDEF) - System Monitor Definition</li><li>16 (DELETED) - Resource Logically Deleted</li><li>32 (RODMACT) - Resource Status Facility Active</li></ul>						



# Chapter 89. CRESURIM Resource Table

A CPSM Topology Manager object that describes an instance of a URIMAP definition in a CICS system.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**  
CICSTopologyURIMap

**Object type**  
CICSplex SM Manager

**Length**  
32

**Usage**  
API, WUI, CICS Management Client Interface(CMCI)

**API view**  
No

**CMAS context**  
No

**SCOPE applies**  
Yes

**Only query CMASs in workload**  
No

**Copybook identifier**  
EYUt2840

**CICS Commands subject to CICS Security**  
INQUIRE URIMAP

Table 207. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 208. CRESURIM resource table attributes							
Name	Datatype	Source	Len	Sum	Set	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	No	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	No	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	No	URIMAP name	16
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enable status	28
ENABLESTATUS Input/output valid values	<ul style="list-style-type: none"><li>ENABLED</li><li>DISABLED</li><li>DISABLEDHOST</li></ul>						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	24

Table 208. CRESURIM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Offset
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>						

## Chapter 90. CRESWEBS Resource Table

A CPSM Topology Manager object that describes an instance of a WEBSERVICE definition in a CICS system.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSTopologyWebService

### Object type

CICSplex SM Manager

### Length

56

### Usage

API, WUI, CICS Management Client Interface(CMCI)

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt2839

### CICS Commands subject to CICS Security

INQUIRE WEBSERVICE

Table 209. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 210. CRESWEBS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	No	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	No	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	12
NAME-1	CHAR	CPSM	32	DIFF	No	WEBSERVICE name	16
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	48
MONSTAT Input/output valid values	<ul style="list-style-type: none"><li>1 (POSDATA) - Possible Data</li><li>2 (COLDATA) - Collect Data</li><li>4 (USERDEF) - User Monitor Definition</li><li>8 (SYSDEF) - System Monitor Definition</li><li>16 (DELETED) - Resource Logically Deleted</li><li>32 (RODMACT) - Resource Status Facility Active</li></ul>						
STATE	CVDAS	INQ	4	LIKE	Yes	Web service state	52

Table 210. CRESWEBS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Offset
STATE Input/output valid values	<ul style="list-style-type: none"> <li>• DISCARDING</li> <li>• INITING</li> <li>• INSERVICE</li> <li>• UNUSABLE</li> </ul>						

# Chapter 91. CRESXMLT Resource Table

A CPSM Topology Manager object that describes an instance of an XMLTRANSFORM resource in a CICS system.

The **Primary** key for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTopologyXMLTransform

**Object type**

CICSplex SM Manager

**Length**

56

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2848

**CICS Commands subject to CICS Security**

INQUIRE XMLTRANSFORM

Table 211. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 212. CRESXMLT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	32	DIFF	XML Transform name	16
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	52
ENABLESTATUS Input/output valid values	<ul style="list-style-type: none"><li>ENABLED</li><li>DISABLED</li></ul>					
ENABLESTATUS Output valid values	<ul style="list-style-type: none"><li>ENABLING</li><li>DISABLING</li></ul>					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	48

Table 212. CRESXMLT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
MONSTAT Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (POSDATA) - Possible Data</li> <li>• 2 (COLDATA) - Collect Data</li> <li>• 4 (USERDEF) - User Monitor Definition</li> <li>• 8 (SYSDEF) - System Monitor Definition</li> <li>• 16 (DELETED) - Resource Logically Deleted</li> <li>• 32 (RODMACT) - Resource Status Facility Active</li> </ul>					



# Chapter 92. CSDGROUP Resource Table

A CICSplex SM CICS System Definition (CSD) that provides the association anchor for a set of CICS CSD resources. References to a CSDGROUP are inferred to be references to the set of associated CICS CSD resources.

The **Primary** key field for this resource class is NAME.

**Note:** When querying the CSDGROUP resource, the SCOPE option must specify an active MAS.

The following actions are supported:

**CSDADD**

Adds a CSD group to a CSD list.

The parameter data for the CSDADD action is described in [Managing CICS definitions in the CSD](#).

**CSDINSTALL**

Install the CICS CSD resource definitions in a CSD group into an active system.

The parameter data for the CSDINSTALL action is described in [Managing CICS definitions in the CSD](#).

**CSDLOCK**

Restricts update or delete access to a CSD list. When you lock a CSD list, other users can view or copy it, but they are restricted from changing or deleting it.

**CSDUNLOCK**

Removes the lock from a CSD list previously locked by the CSDLOCK action.

**External resource name(CMCI)**

CICSCSDGroup

**Object type**

CICSplex SM Manager

**Length**

16

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3701

**Security Class**

BAS.DEF

Table 213. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
REMOVE		LISTREMOVE	No

Table 213. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
PERFORM SET	CSDADD	ADD_CSDGROUP(value)	No
		ADD_LOCATION(BEFORE, AFTER)	No
		TO_CSDLIST(value)	Yes
	CSDINSTALL	None	N/A
	CSDLOCK	None	N/A
	CSDUNLOCK	None	N/A

Table 214. CSDGROUP FEEDBACK error codes		
Value	Code	Description
1	CSDGROUP_INV_DATA	Attribute data invalid
2	CSDGROUP_REC_NOT_FOUND	Requested resource not found
21	CSDGROUP_PARTIAL_ACTION	Partial action
22	CSDGROUP_NOTHING_ACTIONED	Nothing actioned
23	CSDGROUP_PARTIAL_INSTALL	Partial install
24	CSDGROUP_NOTHING_INSTALLED	Nothing installed
25	CSDGROUP_REC_NOT_REMOVED	Requested resource not removed
26	CSDGROUP_CSD_ERROR	CSD access error

Table 215. CSDGROUP resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
NAME-1	CHAR	CPSM	8	DIFF	CSD group name	0
CICSSYS	CHAR	CPSM	8	DIFF	CICS system name	8

# Chapter 93. CSDINGRP Resource Table

A CICSplex SM CICS System Definition (CSD) resource class that references the CICS CSD resources associated with a specific CSDGROUP resource class.

The **Primary** key field for this resource class is CSDGROUP.

The **Secondary** key field for this resource class is DEFNAME.

The **Tertiary** key field for this resource class is DEFTYPE.

**Note:** When querying the CSDINGRP resource, the SCOPE option must specify an active MAS.

The following action is supported:

**CSDINSTALL**

Install the CICS CSD resource definitions in a CSD group into an active system.

The parameter data for the CSDINSTALL action is described in [Managing CICS definitions in the CSD](#).

**External resource name(CMCI)**

CICSCSDResource

**Object type**

CICSplex SM Manager

**Length**

32

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3751

**Security Class**

BAS.DEF

Table 216. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	CSDINSTALL	None	N/A

Table 217. CSDINGRP FEEDBACK error codes		
Value	Code	Description
1	CSDINGRP_INV_DATA	Attribute data invalid
2	CSDINGRP_REC_NOT_FOUND	Requested resource not found

Table 217. CSDINGRP FEEDBACK error codes (continued)

Value	Code	Description
23	CSDINGRP_PARTIAL_INSTALL	Partial install
24	CSDINGRP_NOTHING_INSTALLED	Nothing installed
25	CSDINGRP_CSD_ERROR	CSD access error

Table 218. CSDINGRP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
<b>CSDGROUP-1</b>	CHAR	CPSM	8	DIFF	CSD group name	0
<b>DEFNAME-2</b>	CHAR	CPSM	8	DIFF	Resource definition	8
<b>DEFTYPE-3</b>	CV DAS	CPSM	4	LIKE	CICS resource definition type	16
DEFTYPE-3 Output valid values	<ul style="list-style-type: none"> <li>• ATOMSERVICE</li> <li>• BUNDLE</li> <li>• CONNECTION</li> <li>• CORBASERVER</li> <li>• DB2CONN</li> <li>• DB2ENTRY</li> <li>• DB2TRAN</li> <li>• DJAR</li> <li>• DOCTEMPLATE</li> <li>• ENQMODEL</li> <li>• FILE</li> <li>• IPCONN</li> <li>• JOURNALMODEL</li> <li>• JVMSERVER</li> <li>• LIBRARY</li> <li>• LSRPOOL</li> <li>• MAP</li> <li>• MQCONN</li> <li>• PARTITIONSET</li> <li>• PARTNER</li> <li>• PIPELINE</li> <li>• PROCESSTYPE</li> <li>• PROFILE</li> <li>• PROGRAM</li> <li>• REQUESTMODEL</li> <li>• SESSIONS</li> <li>• TCIPSERVICE</li> <li>• TDQUEUE</li> <li>• TERMINAL</li> <li>• TRANCLASS</li> <li>• TRANSACTION</li> <li>• TSMODEL</li> <li>• TYPETERM</li> <li>• URIMAP</li> <li>• WEBSERVICE</li> </ul>					
CICSSYS	CHAR	CPSM	8	DIFF	CICS system name	22
CPSMTYPE	RESTYPE	CPSM	2	LIKE	CPSM resource definition type	20

# Chapter 94. CSDINLST Resource Table

A CICSplex SM CICS System Definition (CSD) resource class that references the CICS CSD groups associated with a specific CSDLIST.

The **Primary** key field for this resource class is CSDLIST.

The **Secondary** key field for this resource class is LISTSEQ.

The **Tertiary** key field for this resource class is CSDGROUP.

**Note:** When querying the CSDINLST resource, the SCOPE option must specify an active MAS.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSCSDGroupInList

**Object type**

CICSplex SM Manager

**Length**

32

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3750

**Security Class**

BAS.DEF

Table 219. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
REMOVE		None	N/A

Table 220. CSDINLST FEEDBACK error codes

Value	Code	Description
1	CSDINLST_INV_DATA	Attribute data invalid
2	CSDINLST_REC_NOT_FOUND	Requested resource not found
21	CSDINLST_REC_NOT_REMOVED	Requested resource not removed
22	CSDINLST_CSD_ERROR	CSD access error

Table 221. CSDINLST resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
<b>CSDLIST-1</b>	CHAR	CPSM	8	DIFF	CSD list name	0
<b>LISTSEQ-2</b>	BINARY	CPSM	4	DIFF	CSD list sequence number	24
<b>CSDGROUP-3</b>	CHAR	CPSM	8	DIFF	CSD group name	8
CICSSYS	CHAR	CPSM	8	DIFF	CICS system name	16

# Chapter 95. CSDLIST Resource Table

A CICSplex SM CICS System Definition (CSD) object that lists collections of CSD groups that can be installed in CICS systems manually or during a cold or initial start.

The **Primary** key field for this resource class is NAME.

**Note:** When querying the CSDLIST resource, the SCOPE option must specify an active MAS.

The following actions are supported:

**CSDAPPEND**

Append the CSD groups in one CSD list to another list.

The parameter data for the CSDAPPEND action is described in [Managing CICS definitions in the CSD](#).

**CSDINSTALL**

Install the CICS CSD resource definitions in a CSD list into an active system.

The parameter data for the CSDINSTALL action is described in [Managing CICS definitions in the CSD](#).

**CSDLOCK**

Restricts update or delete access to a CSD list. When you lock a CSD list, other users can view or copy it, but they are restricted from changing or deleting it.

**CSDUNLOCK**

Removes the lock from a CSD list previously locked by the CSDLOCK action.

**External resource name(CMCI)**

CICSCSDList

**Object type**

CICSplex SM Manager

**Length**

16

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3700

**Security Class**

BAS.DEF

Table 222. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	CSDAPPEND	To_CSDList(value)	Yes
	CSDINSTALL	None	N/A

Table 222. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
	CSDLOCK	None	N/A
	CSDUNLOCK	None	N/A

Table 223. CSDLIST FEEDBACK error codes		
Value	Code	Description
1	CSDLIST_INV_DATA	Attribute data invalid
2	CSDLIST_REC_NOT_FOUND	Requested resource not found
21	CSDLIST_PARTIAL_INSTALL	Partial install
22	CSDLIST_NOTHING_INSTALLED	Nothing installed
23	CSDLIST_PARTIAL_ACTION	Partial action
24	CSDLIST_NOTHING_ACTIONED	Nothing actioned
25	CSDLIST_CSD_ERROR	CSD access error

Table 224. CSDLIST resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
NAME-1	CHAR	CPSM	8	DIFF	CSD list name	0
CICSSYS	CHAR	CPSM	8	DIFF	CICS system name	8



## Chapter 96. CSGLCGCG Resource Table

A CPSM Topology Definition that describes the involuted association link of a CICS system group within an outer system group.

The **Primary** key field for this resource class is TOGROUP.

The **Secondary** key field for this resource class is GROUP.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSSystemGroupToSystemGroup

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt4099

### Security Class

TOPOLOGY.DEF

Table 225. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 226. CSGLCGCG FEEDBACK error codes		
Value	Code	Description
1	CSGLCGCG_INV_DATA	Attribute data invalid
2	CSGLCGCG_REC_NOT_FOUND	Requested resource not found
3	CSGLCGCG_INV_REFERENCE	Attribute references an invalid resource
4	CSGLCGCG_REC_EXISTS	Resource already exists
21	CSGLCGCG_ASSOCIATION	Invalid associated group
22	CSGLCGCG_INCONSISTENT_SET	BAS inconsistent set

Table 226. CSGLCGCG FEEDBACK error codes (continued)

Value	Code	Description
23	CSGLCGCG_CYCLIC_GROUPS	Link causes cyclical groups
24	CSGLCGCG_INCONSISTENT_SCOPES	Inconsistent scopes
25	CSGLCGCG_INV_ATTR	Must be a system group
26	CSGLCGCG_IS_PLATFORM_SYSGROUP	System group is a platform group
27	CSGLCGCG_UNKNOWN_SCOPE	Unknown scope

Table 227. CSGLCGCG resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
<b>TOGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Name of containing group	44
<b>GROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	Group within containing group	36
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

---

# Chapter 97. CSGLCGCS Resource Table

A CPSM Topology Definition that describes the association link of a CICS System to a CICS system group.

The **Primary** key field for this resource class is GROUP.

The **Secondary** key field for this resource class is CICSNAME.

There are no object specific actions for this resource class.

The CREATE and REMOVE actions have special parameters MONSPC\_INHRT, RTASPC\_INHRT, and WLMSPC\_INHRT. These parameters indicate how monitoring, real-time-analysis, or workload management specifications associated with the CICS system group are handled. The keywords for the parameters are as follows:

**ACTION: CREATE, PARM: MONSPC\_INHRT, RTASPC\_INHRT, WLMSPC\_INHRT**

Indicates whether the CICS system is to inherit a MON, RTA, or WLM specification from the CICS system group with which you are associating it.

**KEEP**

This is the default. The CICS system is not to inherit the specification associated with the CICS system group. When you want real-time analysis to occur, you must associate the CICS system with an appropriate specification.

**NULL**

The CICS system is to inherit the specification associated with the CICS system group if there is no specification already associated with the CICS system. If there is no association between a CICS system group and a specification, the CICS system inherits no specification.

**FORCE**

The CICS system must inherit the specification associated with the CICS system group. If there is no association between a CICS system group and a specification, the CICS system inherits no specification.

**ACTION: REMOVE, PARM: MONSPC\_INHRT, RTASPC\_INHRT, WLMSPC\_INHRT**

Indicates how the CICS systems comprising the CICS system group are to use any specifications associated with the system group.

**KEEP**

This is the default. Those CICS systems that inherited a specification from the CICS system group are explicitly assigned the specification.

**NONE**

Those CICS systems that inherited a specification from the CICS system group are not to use that specification.

**External resource name(CMCI)**

CICSSystemToSystemGroup

**Object type**

CICSplex SM Definition

**Length**

56

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt4098

**Security Class**

TOPOLOGY.DEF

*Table 228. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		MONSPC_INHRT(KEEP, NULL, FORCE)	No
		RTASPC_INHRT(KEEP, NULL, FORCE)	No
		WLMSPC_INHRT(KEEP, NULL, FORCE)	No
		MONSPC_INHRT(NONE, KEEP)	No
		RTASPC_INHRT(NONE, KEEP)	No
		WLMSPC_INHRT(NONE, KEEP)	No
REMOVE			

*Table 229. CSGLCGCS FEEDBACK error codes*

Value	Code	Description
1	CSGLCGCS_INV_DATA	Attribute data invalid
2	CSGLCGCS_REC_NOT_FOUND	Requested resource not found
3	CSGLCGCS_INV_REFERENCE	Attribute references an invalid resource
4	CSGLCGCS_REC_EXISTS	Resource already exists
21	CSGLCGCS_ASSOCIATION	Invalid group association
22	CSGLCGCS_INCONSISTENT_SET	BAS inconsistent set
23	CSGLCGCS_INCONSISTENT_SCOPES	Inconsistent scopes
24	CSGLCGCS_UNKNOWN_SCOPE	Unknown scope
25	CSGLCGCS_INV_ATTR	Must be a system definition
26	CSGLCGCS_IS_PLATFORM_SYSGROUP	System group is a platform group
27	CSGLCGCS_CICSSYS_IN_USE	CICS system is currently in use
28	CSGLCGCS_INVALID_SCOPE	Unknown scope treated as invalid

*Table 230. CSGLCGCS resource table attributes*

Name	Datatype	Source	Len	Req	Sum	Description	Offset
<b>GROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	CICS system group	36
<b>CICSNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	CICS system	44
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	0

Table 230. CSGLCGCS resource table attributes (continued)							
Name	Datatype	Source	Len	Req	Sum	Description	Offset
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATEORIGIN	EYUDA	CPSM	4	No	DIFF	Definition origin	52
CREATEORIGIN Input/output valid values	<ul style="list-style-type: none"> <li>• N_A</li> <li>• PLATFORM</li> </ul>						
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16



# Chapter 98. CSYSDEF Resource Table

A CPSM Topology Definition that describes a CICS system to be managed as part of a CICSplex.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

Some of the attributes of a CICS system definition can be inherited from a Workload Manager, Real Time Analysis, or Monitor specification with which the system is associated. The attribute value you should use to request inheritance varies by field:

**TMEZONE**

Specify an asterisk (\*) to request inheritance in all languages. You should also use an asterisk to request inheritance if you are creating this field by the batched repository-update facility.

**TMEZONEO**

For the batched repository-update facility and REXX API programs, specify an asterisk (\*) to request inheritance. For API programs in all other languages, specify 255 to request inheritance.

**BOTRSUP, CICSSAMP, CONNSAMP, DBXSAMP, FILESAMP, GLBLSAMP, JRNLAMP, PROGSAMP, RETENTION, READRS, TDQSAMP, TERMSAMP, TOPRSUPD and TRANSAMP**

For the batched repository-update facility and REXX API programs, specify an asterisk (\*) to request inheritance. For API programs in all other languages, specify -1 to request inheritance.

**SAMACTION, SOSACTION, SDMACTION, TDMACTION, MXTACTION, and STLACTION**

Specify an asterisk (\*) to request inheritance in all languages. You should also use an asterisk to request inheritance if you are creating this field by the batched repository-update facility.

**EYUDA**

Specify INHERIT when using the batched repository-update facility or REXX API programs. For API programs in all other languages, initialize the field to EYUDA\_INHERIT. See the CSYSDEF table below to find the fields of type EYUDA which allow the value INHERIT.

The use of the xxxACTION and xxxSEV attributes is described in [Special attribute and resource table considerations](#).

**External resource name(CMCI)**

CICSRegionDefinition

**Object type**

CICSplex SM Definition

**Length**

472

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3500

**Security Class**  
TOPOLOGY.DEF

Table 231. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		MODEL(value)	No
UPDATE		MODEL(value)	No
REMOVE		None	N/A
PERFORM SET	ADDTGRP	MONSPC_INHRT(KEEP, NULL, FORCE)	No
		RTASPC_INHRT(KEEP, NULL, FORCE)	No
		TOGROUP(value)	Yes
		WLMSPC_INHRT(KEEP, NULL, FORCE)	No

Table 232. CSYSDEF FEEDBACK error codes		
Value	Code	Description
1	CSYSDEF_INV_DATA	Attribute data invalid
2	CSYSDEF_REC_NOT_FOUND	Requested resource not found
3	CSYSDEF_INV_REFERENCE	Group not found
4	CSYSDEF_REC_EXISTS	Resource already exists
5	CSYSDEF_REC_CHANGED	Resource definition already changed
6	CSYSDEF_INV_RESTYPE	Invalid resource type
21	CSYSDEF_INV_SYS_NAME	Invalid system name
22	CSYSDEF_INV_MODEL_NAME	Invalid model name
23	CSYSDEF_INV_RECADDR	Invalid record address
24	CSYSDEF_INV_RECLEN	Invalid record length
25	CSYSDEF_INCONSISTENT_SET	BAS inconsistent set
26	CSYSDEF_INCONSISTENT_SCOPES	BAS inconsistent Scopes
27	CSYSDEF_ASSOCIATION	Invalid group association
28	CSYSDEF_CYCLIC_GROUPS	Link causes cyclic groups
29	CSYSDEF_CICSSYS_IN_USE	Requested resource in use
30	CSYSDEF_IS_PLATFORM_SYSGROUP	System group is a platform group
31	CSYSDEF_IS_PLATFORM_SYSTEM	System is a platform system
32	CSYSDEF_PLATFORM_PROTECT_FIELD	Platform protected field

Table 233. CSYSDEF resource table attributes									
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	CICS system definition name			36
ACTVTIME	CHAR	CPSM	8	No	DIFF	Period definition name			196
AINSFALL	EYUDA	CPSM	4	Yes	LIKE	BAS install failure action	CONTINUE		280



Table 233. CSYSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
AINSFALL Input/output valid values	<ul style="list-style-type: none"> <li>• CONTINUE</li> <li>• IMMEDIATE</li> <li>• NORMAL</li> <li>• PROMPT</li> <li>• TERMINATE</li> </ul>								
APPLID	CHAR	CPSM	8	Yes	DIFF	Application ID			268
AUTOINST	EYUDA	CPSM	4	Yes	LIKE	Install BAS resources option	NEVER		276
AUTOINST Input/output valid values	<ul style="list-style-type: none"> <li>• NEVER</li> <li>• ALWAYS</li> <li>• COLDONLY</li> <li>• WARMONLY</li> </ul>								
BOTRSUPD	BINARY	CPSM	1	Yes	DIFF	RS server bottom tier	*	1-25	444
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• DREPAPI</li> <li>• DREPBATCH</li> </ul>								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CICSSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for CICS region monitoring	INHERIT	0-86400	52
CONNSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for connection monitoring	INHERIT	0-86400	64
CONTEXT	CHAR	CPSM	8	No	DIFF	CSYSDEF context			435
CREATEORIGIN	EYUDA	CPSM	4	No	LIKE	Definition origin			468
CREATEORIGIN Input/output valid values	<ul style="list-style-type: none"> <li>• N_A</li> <li>• PLATFORM</li> </ul>								
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DAYLIGHTSV	EYUDA	CPSM	4	Yes	LIKE	Daylight saving time in effect	INHERIT		264
DAYLIGHTSV Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• INHERIT</li> </ul>								
DBXSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for DB2/DBCTL monitoring	INHERIT	0-86400	60
DESC	CHAR	CPSM	58	No	DIFF	Description			204
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	288
DYNROUTE	EYUDA	CPSM	4	Yes	LIKE	Target region active at startup	YES		44
DYNROUTE Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>								
FILESAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for file monitoring	INHERIT	0-86400	68
GLBLSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for global region monitoring	INHERIT	0-86400	56
HOST	CHAR	CPSM	116	No	DIFF	Host name			300

Table 233. CSYSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
JRNLSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for journal monitoring	INHERIT	0-86400	72
MONSTATUS	EYUDA	CPSM	4	Yes	LIKE	Monitoring status	INHERIT		92
MONSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• INHERIT</li> </ul>								
MPCMASID	CHAR	CPSM	8	No	DIFF	Maintenance point CMAS ID			427
MXTACTION	CHAR	CPSM	8	No	DIFF	Action for CICS-at-maximum-tasks event	*		172
MXTSEV	EYUDA	CPSM	4	No	LIKE	Severity for CICS-at-maximum-tasks event	HS		132
MXTSEV Input/output valid values	<ul style="list-style-type: none"> <li>• N_A</li> <li>• NO</li> <li>• VLS</li> <li>• LS</li> <li>• LW</li> <li>• HW</li> <li>• HS</li> <li>• VHS</li> <li>• INHERIT</li> </ul>								
NETWORKID	CHAR	CPSM	8	No	DIFF	Network ID			292
NRMACTION	CHAR	CPSM	8	No	DIFF	Action for Non-responsive-MAS event	*		460
NRMSEV	EYUDA	CPSM	4	No	LIKE	Severity for Non-responsive-MAS event	HW		456
NRMSEV Input/output valid values	<ul style="list-style-type: none"> <li>• N_A</li> <li>• NO</li> <li>• VLS</li> <li>• LS</li> <li>• LW</li> <li>• HW</li> <li>• HS</li> <li>• VHS</li> <li>• INHERIT</li> </ul>								
PORT	CHAR	CPSM	8	No	DIFF	Port number		1-65535	416
PRICMAS	CHAR	CPSM	8	No	DIFF	Primary CMAS name			188
PROGSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for program monitoring	INHERIT	0-86400	76
READRS	BINARY	CPSM	2	No	DIFF	RS server read interval	*	0-2000	424
RETENTION	BINARY	CPSM	4	Yes	AVG	Time data is kept after monitoring stops (minutes)	INHERIT	0-1440	48
RTASTATUS	EYUDA	CPSM	4	Yes	LIKE	Real time analysis status	YES		96
RTASTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• SAM</li> <li>• MRM</li> </ul>								
SAMACTION	CHAR	CPSM	8	No	DIFF	Action for system availability monitoring event	*		140
SAMSEV	EYUDA	CPSM	4	No	LIKE	Severity for system availability monitoring event	VHS		116

Table 233. CSYSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
SAMSEV Input/output valid values	<ul style="list-style-type: none"> <li>• N_A</li> <li>• NO</li> <li>• VLS</li> <li>• LS</li> <li>• LW</li> <li>• HW</li> <li>• HS</li> <li>• VHS</li> <li>• INHERIT</li> </ul>								
SDMACTION	CHAR	CPSM	8	No	DIFF	Action for system dump event	*		156
SDMSEV	EYUDA	CPSM	4	No	LIKE	Severity for system dump event	VHS		124
SDMSEV Input/output valid values	<ul style="list-style-type: none"> <li>• N_A</li> <li>• NO</li> <li>• VLS</li> <li>• LS</li> <li>• LW</li> <li>• HW</li> <li>• HS</li> <li>• VHS</li> <li>• INHERIT</li> </ul>								
SECBYPASS	EYUDA	CPSM	4	Yes	LIKE	Exemption from simulated security checks	INHERIT		112
SECBYPASS Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• INHERIT</li> </ul>								
SECCMDCHK	EYUDA	CPSM	4	Yes	LIKE	Simulated CICS-command security checking status	INHERIT		104
SECCMDCHK Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• INHERIT</li> </ul>								
SECRESCHK	EYUDA	CPSM	4	Yes	LIKE	Simulated CICS-resource security checking status	INHERIT		108
SECRESCHK Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• INHERIT</li> </ul>								
SOSACTION	CHAR	CPSM	8	No	DIFF	Action for short on storage (SOS) event	*		148
SOSSEV	EYUDA	CPSM	4	No	LIKE	Severity for short-on-storage (SOS) event	HS		120
SOSSEV Input/output valid values	<ul style="list-style-type: none"> <li>• N_A</li> <li>• NO</li> <li>• VLS</li> <li>• LS</li> <li>• LW</li> <li>• HW</li> <li>• HS</li> <li>• VHS</li> <li>• INHERIT</li> </ul>								

Table 233. CSYSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
STLACTION	CHAR	CPSM	8	No	DIFF	Action for CICS-stalled event	*		180
STLSEV	EYUDA	CPSM	4	No	LIKE	Severity for CICS-stalled event	VHS		136
STLSEV Input/output valid values	<ul style="list-style-type: none"> <li>• N_A</li> <li>• NO</li> <li>• VLS</li> <li>• LS</li> <li>• LW</li> <li>• HW</li> <li>• HS</li> <li>• VHS</li> <li>• INHERIT</li> </ul>								
SYSID	CHAR	CPSM	4	Yes	DIFF	System ID			284
TDMACTION	CHAR	CPSM	8	No	DIFF	Action for transaction dump event	*		164
TDMSEV	EYUDA	CPSM	4	No	LIKE	Severity for transaction dump event	HW		128
TDMSEV Input/output valid values	<ul style="list-style-type: none"> <li>• N_A</li> <li>• NO</li> <li>• VLS</li> <li>• LS</li> <li>• LW</li> <li>• HW</li> <li>• HS</li> <li>• VHS</li> <li>• INHERIT</li> </ul>								
TDQSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for TDQ monitoring	INHERIT	0-86400	84
TERMSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for terminal monitoring	INHERIT	0-86400	80
TMEZONE	CHAR	CPSM	1	Yes	DIFF	Time zone	*		263
TMEZONEO	BINARY	CPSM	1	Yes	AVG	Time zone offset	*	0-59	262
TOPRSUPD	BINARY	CPSM	1	Yes	DIFF	RS server top tier	*	1-25	443
TRANSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for transaction monitoring	INHERIT	0-86400	88
UPDATERS	BINARY	CPSM	1	No	DIFF	RS server update frequency	*	0-25	426
WLMOPTEN	EYUDA	CPSM	4	Yes	LIKE	WLM optimization enablement	DISABLED		452
WLMOPTEN Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>								
WLMQMODE	EYUDA	CPSM	4	Yes	LIKE	Task load queue mode	ALL		448
WLMQMODE Input/output valid values	<ul style="list-style-type: none"> <li>• ALL</li> <li>• MAXTASK</li> </ul>								
WLMSTATUS	EYUDA	CPSM	4	Yes	LIKE	Routing region active at startup	YES		100
WLMSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>								
WLMTHRSH	BINARY	CPSM	1	Yes	DIFF	Task load health threshold	60	1-100	445

# Chapter 99. CSYSGRP Resource Table

A CPSM Topology Definition that describes a CICS system group, which is used to describe the scope for a CICSplex.

The **Primary** key field for this resource class is GROUP.

The following action is supported:

**ADDTOGRP**

Add a group to group link.

**External resource name(CMCI)**

CICSRegionGroup

**Object type**

CICSplex SM Definition

**Length**

184

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3501

**Security Class**

TOPOLOGY.DEF

Table 234. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDTOGRP	TOGROUP(value)	Yes

Table 235. CSYSGRP FEEDBACK error codes

Value	Code	Description
1	CSYSGRP_INV_DATA	Attribute data invalid
2	CSYSGRP_REC_NOT_FOUND	Requested resource not found
3	CSYSGRP_INV_REFERENCE	Group does not exist

Table 235. CSYSGRP FEEDBACK error codes (continued)

Value	Code	Description
4	CSYSGRP_REC_EXISTS	Resource already exists
5	CSYSGRP_REC_CHANGED	Resource definition already changed
21	CSYSGRP_INV_GROUP	Invalid group
22	CSYSGRP_SYSGROUP_IN_USE	System group in use
23	CSYSGRP_ASSOCIATION	Togroup matches group
24	CSYSGRP_INCONSISTENT_SET	BAS inconsistent set
25	CSYSGRP_CYCLIC_GROUPS	Link causes cyclic groups
26	CSYSGRP_INCONSISTENT_SCOPES	BAS inconsistent set
27	CSYSGRP_IS_PLATFORM_SYSGROUP	System group is a platform group
28	CSYSGRP_NOT_PLATFORM_SYSGROUP	System group is a not a platform group
29	CSYSGRP_INV_REGIONTYPE	Region type invalid
30	CSYSGRP_INV_PLATDEF	Platform definition invalid

Table 236. CSYSGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
GROUP-1	CHAR	CPSM	8	Yes	DIFF	System group name			36
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> </ul>								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CREATEORIGIN	EYUDA	CPSM	4	No	DIFF	Definition origin			180
CREATEORIGIN Input/ output valid values	<ul style="list-style-type: none"> <li>N_A</li> <li>PLATFORM</li> </ul>								
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DESC	CHAR	CPSM	58	No	DIFF	Description			44
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	104
PLATDEF	CHAR	CPSM	8	No	DIFF	Associated platform definition			108
REGIONTYPE	CHAR	CPSM	64	No	DIFF	Region type			116

## Chapter 100. D2CINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a DB2 connection definition (DB2CDEF) in a resource group (RESGROUP). A DB2CDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is DB2CGROUP.

The **Secondary** key field for this resource class is DB2CNAME.

The **Tertiary** key field for this resource class is DB2CVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6162

### Security Class

BAS.DEF

Table 237. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 238. D2CINGRP FEEDBACK error codes		
Value	Code	Description
1	D2CINGRP_INV_DATA	Attribute data invalid
2	D2CINGRP_REC_NOT_FOUND	Requested resource not found
4	D2CINGRP_REC_EXISTS	Resource already exists
6	D2CINGRP_INV_RESTYPE	Invalid resource type
7	D2CINGRP_INV_VER	Invalid resource version
11	D2CINGRP_NON_MP	Maintenance point CMAS not available

Table 238. D2CINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	D2CINGRP_INV_CONTEXT	Context not found
21	D2CINGRP_INCONSISTENT_SET	Inconsistent set
22	D2CINGRP_DIFF_VERSION	Different version
23	D2CINGRP_INV_NAME	Invalid name
24	D2CINGRP_INV_MINNAME	Invalid minor name

Table 239. D2CINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
DB2CGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
DB2CNAME-2	CHAR	CPSM	8	Yes	DIFF	DB2 connection definition name	44
DB2CVER-3	BINARY	CPSM	1	Yes	AVG	DB2 connection definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16



## Chapter 101. D2INGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a Db2® entry definition (DB2EDEF) in a resource group (RESGROUP). A DB2EDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is DB2EGROUP.

The **Secondary** key field for this resource class is DB2ENAME.

The **Tertiary** key field for this resource class is DB2EVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6163

### Security Class

BAS.DEF

Table 240. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 241. D2INGRP FEEDBACK error codes		
Value	Code	Description
1	D2INGRP_INV_DATA	Attribute data invalid
2	D2INGRP_REC_NOT_FOUND	Requested resource not found
4	D2INGRP_REC_EXISTS	Resource already exists
6	D2INGRP_INV_RESTYPE	Invalid resource type
7	D2INGRP_INV_VER	Invalid resource version
11	D2INGRP_NON_MP	Maintenance point CMAS not available

Table 241. D2EINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	D2EINGRP_INV_CONTEXT	Context not found
21	D2EINGRP_INCONSISTENT_SET	Inconsistent set
22	D2EINGRP_DIFF_VERSION	Different version
23	D2EINGRP_INV_NAME	Invalid name
24	D2EINGRP_INV_MINNAME	Invalid minor name

Table 242. D2EINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
DB2EGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
DB2ENAME-2	CHAR	CPSM	8	Yes	DIFF	DB2 entry definition name	44
DB2EVER-3	BINARY	CPSM	1	Yes	AVG	DB2 entry definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

## Chapter 102. D2TINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a Db2 transaction definition (DB2TDEF) in a resource group (RESGROUP). A DB2TDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is DB2TGROUP.

The **Secondary** key field for this resource class is DB2TNAME.

The **Tertiary** key field for this resource class is DB2TVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6164

### Security Class

BAS.DEF

Table 243. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 244. D2TINGRP FEEDBACK error codes		
Value	Code	Description
1	D2TINGRP_INV_DATA	Attribute data invalid
2	D2TINGRP_REC_NOT_FOUND	Requested resource not found
4	D2TINGRP_REC_EXISTS	Resource already exists
6	D2TINGRP_INV_RESTYPE	Invalid resource type
7	D2TINGRP_INV_VER	Invalid resource version
11	D2TINGRP_NON_MP	Maintenance point CMAS not available

Table 244. D2TINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	D2TINGRP_INV_CONTEXT	Context not found
21	D2TINGRP_INCONSISTENT_SET	Inconsistent set
22	D2TINGRP_DIFF_VERSION	Different version
23	D2TINGRP_INV_NAME	Invalid name
24	D2TINGRP_INV_MINNAME	Invalid minor name

Table 245. D2TINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
DB2TGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
DB2TNAME-2	CHAR	CPSM	8	Yes	DIFF	DB2 transaction definition name	44
DB2TVER-3	BINARY	CPSM	1	Yes	AVG	DB2 transaction definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 103. DB2CDEF Resource Table

A CICS Definition that describes the connection properties of a DB2 connection.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a DB2 connection definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionDb2Connection

**Object type**

CICS Definition

**Length**

272

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3817

**Security Class**

OPERATE.DB2DBCTL

Table 246. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Table 246. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 247. DB2CDEF FEEDBACK error codes		
Value	Code	Description
1	DB2CDEF_INV_DATA	Attribute data invalid
2	DB2CDEF_REC_NOT_FOUND	Requested resource not found
4	DB2CDEF_REC_EXISTS	Resource already exists
5	DB2CDEF_REC_CHANGED	Resource definition already changed
6	DB2CDEF_INV_RESTYPE	Invalid resource type
7	DB2CDEF_INV_VER	Invalid resource version
11	DB2CDEF_NON_MP	Maintenance point CMAS not available
12	DB2CDEF_INV_CONTEXT	Context not found
13	DB2CDEF_INCONSISTENT_SET	Inconsistent set condition
14	DB2CDEF_INV_RESGROUP	Resource group not found
21	DB2CDEF_INV_ACTION	Invalid action
22	DB2CDEF_INV_RECADDR	Invalid record address
23	DB2CDEF_INV_RECLEN	Invalid record length
24	DB2CDEF_DIFF_VERSION	Different version
25	DB2CDEF_EARLY_NAMELIST_END	Early name list end
26	DB2CDEF_INV_NAMELIST	Invalid name list
27	DB2CDEF_INV_NAME	Invalid name
28	DB2CDEF_INV_MINNAME	Invalid minor name
29	DB2CDEF_NOTIFY	Notify
30	DB2CDEF_PARTIAL_INSTALL	Partial install

Table 247. DB2CDEF FEEDBACK error codes (continued)

Value	Code	Description
31	DB2CDEF_NOTHING_INSTALLED	Nothing installed
32	DB2CDEF_NO_TARGETS	No targets
33	DB2CDEF_NO_RELATED	No related systems
34	DB2CDEF_INV_TSCOPE	Invalid target scope
35	DB2CDEF_INV_RSCOPE	Invalid related scope
36	DB2CDEF_INV_USAGE	Invalid usage
37	DB2CDEF_INV_MODE	Invalid mode
38	DB2CDEF_INV_STATECHK	Invalid state check
39	DB2CDEF_INV_FORCEINS	Invalid force install
40	DB2CDEF_INV_NOTIFY	Invalid notify
41	DB2CDEF_INV_OVERTYPE	Invalid over type
42	DB2CDEF_INV_OVRBLOCK	Invalid override block
43	DB2CDEF_INV_ORSTRING	Invalid override string
44	DB2CDEF_INV_STRNGTERM	Invalid string terminator
45	DB2CDEF_INV_EMBEDTERM	Invalid embedded terminator
46	DB2CDEF_INV_ATTRIBUTE	Invalid attribute
47	DB2CDEF_INV_LITERAL	Invalid literal
48	DB2CDEF_INV_ORSTGNA	Invalid override string
49	DB2CDEF_SCOPE_REQUIRED	Scope required
50	DB2CDEF_USAGE_CONFLICT	Usage conflict
51	DB2CDEF_NODEFS_SELECTED	No definitions selected
52	DB2CDEF_MORE_THAN_1_RELSYS	More than one related system
53	DB2CDEF_MISSING_RELSYSID	Missing related system identifier
54	DB2CDEF_SCOPE_CONFLICT	Scope conflict
55	DB2CDEF_INV_CSDGROUP	Invalid CSD group
56	DB2CDEF_REC_NOT_REMOVED	Record not removed
57	DB2CDEF_INV_RESOURCE	Invalid resource
58	DB2CDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	DB2CDEF_PARTIAL_ACTION	Partial action
60	DB2CDEF_NOTHING_ACTIONED	Nothing actioned
61	DB2CDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	DB2CDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	DB2CDEF_CSD_ERROR	CSD access error

Table 248. DB2CDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	256
ACCOUNTREC	CVDAS	CPSM	4	Yes	LIKE	Accounting record option	NONE			88
ACCOUNTREC Input/ output valid values	<ul style="list-style-type: none"> <li>NONE</li> <li>UOW</li> <li>TASK</li> <li>TXID</li> </ul>									
AUTHID	CHAR	CPSM	8	No	DIFF	Pool thread authorization ID				92
AUTHTYPE	CVDAS	CPSM	4	Yes	LIKE	Pool thread authorization type	NOTAPPLIC			100
AUTHTYPE Input/output valid values	<ul style="list-style-type: none"> <li>USERID</li> <li>GROUP</li> <li>TERM</li> <li>TX</li> <li>OPID</li> <li>SIGN</li> <li>NOTAPPLIC</li> </ul>									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>CSDAPI</li> <li>CSDBATCH</li> <li>DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
COMAUTHID	CHAR	CPSM	8	No	DIFF	Command thread authorization ID				140
COMAUTHTYPE	CVDAS	CPSM	4	Yes	LIKE	Command thread authorization type	NOTAPPLIC			148
COMAUTHTYPE Input/ output valid values	<ul style="list-style-type: none"> <li>USERID</li> <li>GROUP</li> <li>TERM</li> <li>TX</li> <li>OPID</li> <li>SIGN</li> <li>NOTAPPLIC</li> </ul>									
COMTHREADLIM	CHAR	CPSM	4	Yes	DIFF	Maximum number of command threads	3	0-2000		136
CONNECTERROR	CVDAS	CPSM	4	Yes	LIKE	Connection error processing option	SQLCODE			36
CONNECTERROR Input/ output valid values	<ul style="list-style-type: none"> <li>ABEND</li> <li>SQLCODE</li> </ul>									
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				152
DB2GROUPID	CHAR	CPSM	4	No	DIFF	DB2 data sharing group ID				242



Table 248. DB2CDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
DB2ID	CHAR	CPSM	4	No	DIFF	DB2 subsystem ID				40
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		252
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				184
DROLLBACK	EYUDA	CPSM	4	Yes	LIKE	Deadlock resolution rollback option	YES			104
DROLLBACK Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
MSGQUEUE1	CHAR	CPSM	4	Yes	DIFF	Unsolicited error message TDQ name 1	CDB2			44
MSGQUEUE2	CHAR	CPSM	4	No	DIFF	Unsolicited error message TDQ name 2				48
MSGQUEUE3	CHAR	CPSM	4	No	DIFF	Unsolicited error message TDQ name 3				52
NONTERMREL	EYUDA	CPSM	4	Yes	LIKE	Non-terminal transaction thread-release option	YES			56
NONTERMREL Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
PLAN	CHAR	CPSM	8	No	DIFF	Name of plan used for pool				108
PLANEXITNAME	CHAR	CPSM	8	No	DIFF	Name of dynamic plan exit used for pool threads				116
PRIORITY	CVDAS	CPSM	4	Yes	LIKE	TCB priority	HIGH			124
PRIORITY Input/output valid values	<ul style="list-style-type: none"> <li>• HIGH</li> <li>• LOW</li> <li>• EQUAL</li> </ul>									
PURGECYCLEM	CHAR	CPSM	2	Yes	DIFF	Protected thread purge cycle (minutes)	0	0-59		60
PURGECYCLES	CHAR	CPSM	2	Yes	DIFF	Protected thread purge cycle (seconds)	30	0-59		62
RESYNCMEMBER	EYUDA	CPSM	4	Yes	LIKE	Resynchronization member	YES			248
RESYNCMEMBER Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
REUSELIMIT	CHAR	CPSM	5	Yes	LIKE	Thread reuse limit	1000	0-10000	E640 E650 E660	264
SIGNID	CHAR	CPSM	8	No	DIFF	Authorization ID used by CICS-DB2 attach				64
STANDBYMODE	CVDAS	CPSM	4	Yes	LIKE	Standby mode	RECONNECT			72
STANDBYMODE Input/output valid values	<ul style="list-style-type: none"> <li>• RECONNECT</li> <li>• NOCONNECT</li> <li>• CONNECT</li> </ul>									
STATSQUEUE	CHAR	CPSM	4	Yes	DIFF	Attachment statistics TDQ name	CDB2			76
TCBLIMIT	CHAR	CPSM	4	Yes	DIFF	Maximum number of connections into DB2	12	4-2000		80
THREADERROR	CVDAS	CPSM	4	Yes	LIKE	Action following thread error	N906D			84

Table 248. DB2CDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
THREADERROR Input/ output valid values	<ul style="list-style-type: none"> <li>• ABEND</li> <li>• N906D</li> <li>• N906</li> </ul>									
THREADLIMIT	CHAR	CPSM	4	Yes	DIFF	Maximum number of pool threads	3	3-2000		132
THREADWAIT	EYUDA	CPSM	4	Yes	LIKE	Thread wait option	YES			128
THREADWAIT Input/ output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				160
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				168
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				176

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# Chapter 104. DB2CONN Resource Table

A CICS Resource that describes a Db2 connection in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**REBUILD**

Rebuild the security environment.

**CONNECT**

Connect to the DB2 environment.

The CONNECT action does have a parameter, BUSY, but this is ignored and deprecated. Applications should not specify the BUSY parameter. Note that the BUSY parameter still applies to DISCONNECT and is a required parameter.

**DISCONNECT**

Disconnect from the DB2 environment.

The parameter data for the DISCONNECT action is:

```
PARM('BUSY(cvda).')
```

where *cvda* is required and is one of the following valid CVDA values for the DB2 connection busy condition:

WAIT  
NOWAIT  
FORCE

**FORCE**

Force disconnection from the DB2 environment.

**DISCARD**

Discard the DB2 connection.

**External resource name(CMCI)**

CICSdb2Connection

**Object type**

CICS Resource

**Length**

408

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0086

**Security Class**

OPERATE.DB2DBCTL

**CICS Commands subject to CICS Security**

EXTRACT STATISTICS

INQUIRE DB2CONN

*Table 249. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	REBUILD	None	N/A
	CONNECT	BUSY(value)	No
	DISCONNECT	BUSY(WAIT, NOWAIT, FORCE)	Yes
	FORCE	None	N/A
	DISCARD	None	N/A

*Table 250. DB2CONN resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
NAME-1	CHAR	INQ			8	DIF F	No	DB2 connection name			16
ACCOUNTREC	CVDAS	INQ	DB2CONN	ACCOUNTREC	4	LIKE	Yes	Accounting record option			24
ACCOUNTREC Input/output valid values	<ul style="list-style-type: none"> <li>• UOW</li> <li>• TXID</li> <li>• NONE</li> <li>• TASK</li> </ul>										
AUTHID	CHAR	INQ	DB2CONN	AUTHID	8	DIF F	Yes	Pool thread authorization ID			28
AUTHTYPE	CVDAS	INQ	DB2CONN	AUTHTYPE	4	LIKE	Yes	Pool thread authorization type			36
AUTHTYPE Input/output valid values	<ul style="list-style-type: none"> <li>• GROUP</li> <li>• SIGN</li> <li>• TERM</li> <li>• TX</li> <li>• OPID</li> <li>• USERID</li> </ul>										
AUTHTYPE Output valid values	• NOTAPPLIC										
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	384
CCALLS	CNUMERIC	STAT	DFHD2GDS	D2G_COMD_C ALLS	4	AVG	No	Number of calls using command threads			276
CHANGEAGENT	CVDAS	INQ	DB2CONN	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650	332

Table 250. DB2CONN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Offset
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>										
CHANGEAGREL	CHAR	INQ	DB2CONN	CHANGEAGREL	4	DIF F	No	Last modification agent release		E640 E650	336
CHANGETIME	DATETIME	INQ	DB2CONN	CHANGETIME	8	MAX	No	Last modification time		E640 E650	344
CHANGEUSRID	CHAR	INQ	DB2CONN	CHANGEUSRID	8	DIF F	No	Last modification user ID		E640 E650	324
COMAUTHID	CHAR	INQ	DB2CONN	COMAUTHID	8	DIF F	Yes	Command thread authorization ID			48
COMAUTHTYPE	CVDAS	INQ	DB2CONN	COMAUTHTYPE	4	LIK E	Yes	Command thread authorization type			56
COMAUTHTYPE Input/output valid values	<ul style="list-style-type: none"> <li>• CGROUP</li> <li>• CSIGN</li> <li>• CTERM</li> <li>• CTX</li> <li>• COPID</li> <li>• CUSERID</li> </ul>										
COMAUTHTYPE Output valid values	<ul style="list-style-type: none"> <li>• NOTAPPLIC</li> </ul>										
COMTHREADLIM	CNUMERIC	INQ	DB2CONN	COMTHREADLIM	4	AVG	Yes	Maximum number of command threads			44
COMTHREADS	CNUMERIC	INQ	DB2CONN	COMTHREADS	4	AVG	No	Number of active command threads			40
CONNECTERROR	CVDAS	INQ	DB2CONN	CONNECTERROR	4	LIK E	Yes	Connection error processing option			60
CONNECTERROR Input/output valid values	<ul style="list-style-type: none"> <li>• ABEND</li> <li>• SQLCODE</li> </ul>										
CONNECTST	CVDAS	INQ	DB2CONN	CONNECTST	4	LIK E	Yes	Connection status			64
CONNECTST Input/output valid values	<ul style="list-style-type: none"> <li>• CONNECTED</li> <li>• NOTCONNECTED</li> </ul>										
CONNECTST Output valid values	<ul style="list-style-type: none"> <li>• CONNECTING</li> <li>• DISCONNING</li> </ul>										
CSIGNONS	CNUMERIC	STAT	DFHD2GDS	D2G_COMD_SIGNONS	4	AVG	No	Number of command thread signons			280
CTCURR	CNUMERIC	STAT	DFHD2GDS	D2G_COMD_THREAD_CURR ENT	4	AVG	No	Current number of command threads			296
CTHWM	CNUMERIC	STAT	DFHD2GDS	D2G_COMD_THREAD_HWM	4	AVG	No	Peak number of command threads			304
CTIMEGMT	TIMESTP	STAT	DFHD2GDS	D2G_CONNECT_TIME_GMT	8	MAX	No	GMT connect time			168
CTIMELOC	TIMESTP	STAT	DFHD2GDS	D2G_CONNECT_TIME_LOCAL	8	MAX	No	Local connect time			176

Table 250. DB2CONN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Offset
CTLIMIT	CNUMERIC	STAT	DFHD2GDS	D2G_COMD_T HREAD_LIMIT	4	AVG	No	Maximum number of command threads			292
CTOVERF	CNUMERIC	STAT	DFHD2GDS	D2G_COMD_T HREAD_OVERF	4	AVG	No	Number of command thread overflows to pool			288
CTTERM	CNUMERIC	STAT	DFHD2GDS	D2G_COMD_T HREAD_TERM	4	AVG	No	Number of command thread terminations			284
DB2GROUPID	CHAR	INQ	DB2CONN	DB2GROUPID	4	DIF F	Yes	DB2 data sharing group ID			316
DB2ID	CHAR	INQ	DB2CONN	DB2ID	4	DIF F	Yes	DB2 subsystem ID			68
DB2RELEASE	CHAR	INQ	DB2CONN	DB2RELEASE	4	DIF F	No	DB2 version and release			72
DEFINESOURCE	CHAR	INQ	DB2CONN	DEFINESOUR CE	8	DIF F	No	Source of the resource definition		E640 E650	352
DEFINETIME	DATETIME	INQ	DB2CONN	DEFINETIME	8	MAX	No	Creation time		E640 E650	360
DROLLBACK	CVDAS	INQ	DB2CONN	DROLLBACK	4	LIK E	No	Deadlock resolution rollback option			76
DROLLBACK Output valid values	<ul style="list-style-type: none"> <li>• ROLLBACK</li> <li>• NOROLLBACK</li> </ul>										
DTIMEGMT	TIMESTP	STAT	DFHD2GDS	D2G_DISCON NECT_TIME_G MT	8	MAX	No	GMT disconnect time			184
DTIMELOC	TIMESTP	STAT	DFHD2GDS	D2G_DISCON NECT_TIME_L OCAL	8	MAX	No	Local disconnect time			192
INSTALLAGENT	CVDAS	INQ	DB2CONN	INSTALLAGEN T	4	LIK E	No	Installation agent		E640 E650	340
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• GRPLIST</li> </ul>										
INSTALLTIME	DATETIME	INQ	DB2CONN	INSTALLTIME	8	MAX	No	Installation time		E640 E650	376
INSTALLUSRID	CHAR	INQ	DB2CONN	INSTALLUSRI D	8	DIF F	No	Installation user ID		E640 E650	368
MSGQUEUE1	CHAR	INQ	DB2CONN	MSGQUEUE1	4	DIF F	Yes	Unsolicited error message TDQ name 1			80
MSGQUEUE2	CHAR	INQ	DB2CONN	MSGQUEUE2	4	DIF F	Yes	Unsolicited error message TDQ name 2			84
MSGQUEUE3	CHAR	INQ	DB2CONN	MSGQUEUE3	4	DIF F	Yes	Unsolicited error message TDQ name 3			88
NONTERMREL	CVDAS	INQ	DB2CONN	NONTERMREL	4	LIK E	Yes	Non-terminal transaction thread-release option			92
NONTERMREL Input/output valid values	<ul style="list-style-type: none"> <li>• RELEASE</li> <li>• NORELEASE</li> </ul>										
PABORTS	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_A BORTS	4	AVG	No	Number of pool thread aborts			224
PCALLS	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_C ALLS	4	AVG	No	Number of calls using pool threads			212
PCOMMITS	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_C OMMITS	4	AVG	No	Number of pool thread commits			220

Table 250. DB2CONN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Offset
PLAN	CHAR	INQ	DB2CONN	PLAN	8	DIF F	Yes	Name of plan used for pool			96
PLANEXITNAME	CHAR	INQ	DB2CONN	PLANEXITNAME	8	DIF F	Yes	Name of dynamic plan exit used for pool threads			104
PPSIGNONS	BINARY	STAT	DFHD2GDS	D2G_POOL_PARTIAL_SIGNONS	4	AVG	No	Number of pool thread partial signons		E640 E650 E660 E670 E680 E690 E700	396
PREUSELIMCT	BINARY	STAT	DFHD2GDS	D2G_POOL_REUSELIMIT_COUNT	4	AVG	No	Number of times a pool thread reached REUSELIMIT		E640 E650 E660	392
PRIORITY	CVDAS	INQ	DB2CONN	PRIORITY	4	LIKE	Yes	TCB priority			112
PRIORITY Input/output valid values	<ul style="list-style-type: none"> <li>• HIGH</li> <li>• EQUAL</li> <li>• LOW</li> </ul>										
PRQCUR	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_READYQ_CURRENT	4	AVG	No	Current number of tasks waiting for pool thread			268
PRQHWM	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_READYQ_HWM	4	AVG	No	Peak number of tasks waiting for pool thread			272
PSIGNONS	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_SIGNONS	4	AVG	No	Number of pool thread signons			216
PSPHASE	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_SINGLE_PHASE	4	AVG	No	Number of units of work with single phase commit			228
PTCREATE	BINARY	STAT	DFHD2GDS	D2G_POOL_THREADS_CREATE	4	AVG	No	Number of times threads created		E640 E650 E660 E670 E680 E690 E700	400
PTCURR	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_THREADS_CURRENT	4	AVG	No	Current number of active pool threads			248
PTHWM	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_THREADS_HWM	4	AVG	No	Peak number of active pool threads			252
PTLIMIT	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_THREADS_LIMIT	4	AVG	No	Maximum number of pool threads			244
PTREUSE	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_THREADS_REUSE	4	AVG	No	Number of times transactions reused pool threads			232
PTTERM	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_THREADS_TERMINATED	4	AVG	No	Number of times threads terminated			236
PTWAIT	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_THREADS_WAIT	4	AVG	No	Number of pool thread waits			240
PURGECYCLEM	CNUMERIC	INQ	DB2CONN	PURGECYCLEM	4	AVG	Yes	Protected thread purge cycle (minutes)			116
PURGECYCLES	CNUMERIC	INQ	DB2CONN	PURGECYCLES	4	AVG	Yes	Protected thread purge cycle (seconds)			120
PXCURR	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_TASKS_CURRENT	4	AVG	No	Current number of tasks using a pool thread			256

Table 250. DB2CONN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
PXHWM	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_T ASK_HWM	4	AVG	No	Peak number of tasks using a pool thread			260
PXTOTAL	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_T ASK_TOTAL	4	AVG	No	Total number of tasks that used a pool thread			264
RESYNCMEMBER	CVDAS	INQ			4	LIKE	Yes	Resynchronization member			320
RESYNCMEMBER Input/output valid values	<ul style="list-style-type: none"> <li>• RESYNC</li> <li>• NORESYNC</li> <li>• NOTAPPLIC</li> </ul>										
REUSELIMIT	BINARY	INQ	DB2CONN	REUSELIMIT	4	AVG	Yes	Thread reuse limit		E640 E650 E660	388
SIGNID	CHAR	INQ	DB2CONN	SIGNID	8	DIF F	Yes	Authorization ID used by CICS-DB2 attach			124
STANDBYMODE	CVDAS	INQ	DB2CONN	STANDBYMODE	4	LIKE	Yes	Standby mode action			160
STANDBYMODE Input/ output valid values	<ul style="list-style-type: none"> <li>• NOCONNECT</li> <li>• CONNECT</li> <li>• RECONNECT</li> </ul>										
STATSQUEUE	CHAR	INQ	DB2CONN	STATSQUEUE	4	DIF F	Yes	Attachment statistics TDQ name			132
TCBFREE	CNUMERIC	STAT	DFHD2GDS	D2G_TCB_FREE	4	AVG	No	Current number of connections without a TCB			300
TCBLIMIT	CNUMERIC	INQ	DB2CONN	TCBLIMIT	4	AVG	Yes	Maximum number of connections (TCBLIMIT)			140
TCBPROTCUR	BINARY	STAT	DFHD2GDS	D2G_TCB_PROTECTED_CURRENT	4	AVG	No	current number of connections with pthreads		E640 E650 E660 E670 E680 E690 E700 E710	404
TCBRDYQCURR	CNUMERIC	STAT	DFHD2GDS	D2G_TCB_READY_CURRENT	4	AVG	No	Current number of tasks waiting for a connection			308
TCBRDYQHWM	CNUMERIC	STAT	DFHD2GDS	D2G_TCB_READY_HWM	4	AVG	No	Peak number of tasks waiting for a connection			312
TCBS	CNUMERIC	INQ	DB2CONN	TCBS	4	AVG	No	Current number of connections with a TCB			136
TCURR	CNUMERIC	STAT	DFHD2GDS	D2G_TCB_CURRENT	4	AVG	No	Current number of connections with a TCB			204
THREADERROR	CVDAS	INQ	DB2CONN	THREADERROR	4	LIKE	No	Action following thread error			144
THREADERROR Output valid values	<ul style="list-style-type: none"> <li>• ABEND</li> <li>• N906D</li> <li>• N906</li> </ul>										
THREADLIMIT	CNUMERIC	INQ	DB2CONN	THREADLIMIT	4	AVG	Yes	Maximum number of pool threads			152
THREADS	CNUMERIC	INQ	DB2CONN	THREADS	4	AVG	No	Number of active pool threads			156



Table 250. DB2CONN resource table attributes (continued)											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
THREADWAIT	CVDAS	INQ	DB2CONN	THREADWAIT	4	LIKE	Yes	Thread wait option			148
THREADWAIT Input/output valid values	<ul style="list-style-type: none"> <li>• TWAIT</li> <li>• NOTWAIT</li> </ul>										
THWM	CNUMERIC	STAT	DFHD2GDS	D2G_TCB_HW M	4	AVG	No	Peak number of subtask TCBs			208
TLIMIT	CNUMERIC	STAT	DFHD2GDS	D2G_TCB_LIM IT	4	AVG	No	Current maximum number of subtask TCBs			200



# Chapter 105. DB2EDEF Resource Table

A CICS Definition that describes the properties of a DB2 entry definition.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a DB2 entry definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionDb2Entry

**Object type**

CICS Definition

**Length**

200

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3818

**Security Class**

OPERATE.DB2DBCTL

Table 251. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Table 251. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 252. DB2EDEF FEEDBACK error codes		
Value	Code	Description
1	DB2EDEF_INV_DATA	Attribute data invalid
2	DB2EDEF_REC_NOT_FOUND	Requested resource not found
4	DB2EDEF_REC_EXISTS	Resource already exists
5	DB2EDEF_REC_CHANGED	Resource definition already changed
6	DB2EDEF_INV_RESTYPE	Invalid resource type
7	DB2EDEF_INV_VER	Invalid resource version
11	DB2EDEF_NON_MP	Maintenance point CMAS not available
12	DB2EDEF_INV_CONTEXT	Context not found
13	DB2EDEF_INCONSISTENT_SET	Inconsistent set condition
14	DB2EDEF_INV_RESGROUP	Resource group not found
21	DB2EDEF_INV_ACTION	Invalid action
22	DB2EDEF_INV_RECADDR	Invalid record address
23	DB2EDEF_INV_RECLEN	Invalid record length
24	DB2EDEF_DIFF_VERSION	Different version
25	DB2EDEF_EARLY_NAMELIST_END	Early name list end
26	DB2EDEF_INV_NAMELIST	Invalid name list
27	DB2EDEF_INV_NAME	Invalid name
28	DB2EDEF_INV_MINNAME	Invalid minor name
29	DB2EDEF_NOTIFY	Notify
30	DB2EDEF_PARTIAL_INSTALL	Partial install

Table 252. DB2EDEF FEEDBACK error codes (continued)

Value	Code	Description
31	DB2EDEF_NOTHING_INSTALLED	Nothing installed
32	DB2EDEF_NO_TARGETS	No targets
33	DB2EDEF_NO_RELATED	No related systems
34	DB2EDEF_INV_TSCOPE	Invalid target scope
35	DB2EDEF_INV_RSCOPE	Invalid related scope
36	DB2EDEF_INV_USAGE	Invalid usage
37	DB2EDEF_INV_MODE	Invalid mode
38	DB2EDEF_INV_STATECHK	Invalid state check
39	DB2EDEF_INV_FORCEINS	Invalid force install
40	DB2EDEF_INV_NOTIFY	Invalid notify
41	DB2EDEF_INV_OVERTYPE	Invalid over type
42	DB2EDEF_INV_OVRBLOCK	Invalid override block
43	DB2EDEF_INV_ORSTRING	Invalid override string
44	DB2EDEF_INV_STRNGTERM	Invalid string terminator
45	DB2EDEF_INV_EMBEDTERM	Invalid embedded terminator
46	DB2EDEF_INV_ATTRIBUTE	Invalid attribute
47	DB2EDEF_INV_LITERAL	Invalid literal
48	DB2EDEF_INV_ORSTGNA	Invalid override string
49	DB2EDEF_SCOPE_REQUIRED	Scope required
50	DB2EDEF_USAGE_CONFLICT	Usage conflict
51	DB2EDEF_NODEFS_SELECTED	No definitions selected
52	DB2EDEF_MORE_THAN_1_RELSYS	More than one related system
53	DB2EDEF_MISSING_RELSYSID	Missing related system identifier
54	DB2EDEF_SCOPE_CONFLICT	Scope conflict
55	DB2EDEF_INV_CSDGROUP	Invalid CSD group
56	DB2EDEF_REC_NOT_REMOVED	Record not removed
57	DB2EDEF_INV_RESOURCE	Invalid resource
58	DB2EDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	DB2EDEF_PARTIAL_ACTION	Partial action
60	DB2EDEF_NOTHING_ACTIONED	Nothing actioned
61	DB2EDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	DB2EDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	DB2EDEF_CSD_ERROR	CSD access error

Table 253. DB2EDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	192
ACCOUNTREC	CVDAS	CPSM	4	Yes	LIKE	Accounting record option	NONE			40
ACCOUNTREC Input/output valid values	<ul style="list-style-type: none"> <li>NONE</li> <li>UOW</li> <li>TASK</li> <li>TXID</li> </ul>									
AUTHID	CHAR	CPSM	8	No	DIFF	Thread authorization ID				48
AUTHTYPE	CVDAS	CPSM	4	Yes	LIKE	Authorization type	NOTAPPLIC			56
AUTHTYPE Input/output valid values	<ul style="list-style-type: none"> <li>NOTAPPLIC</li> <li>GROUP</li> <li>SIGN</li> <li>TERM</li> <li>TX</li> <li>OPID</li> <li>USERID</li> </ul>									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>CSDAPI</li> <li>CSDBATCH</li> <li>DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				96
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		188
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				128
DROLLBACK	EYUDA	CPSM	4	Yes	LIKE	Deadlock rollback option	YES			60
DROLLBACK Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>									
PLAN	CHAR	CPSM	8	No	DIFF	Plan name				64
PLANEXITNAME	CHAR	CPSM	8	No	DIFF	Dynamic plan exit name				72
PRIORITY	CVDAS	CPSM	4	Yes	LIKE	TCB priority	HIGH			80
PRIORITY Input/output valid values	<ul style="list-style-type: none"> <li>HIGH</li> <li>EQUAL</li> <li>LOW</li> </ul>									
PROTECTNUM	CHAR	CPSM	4	Yes	DIFF	Maximum number of protected threads	0	0-2000		84
THREADLIMIT	CHAR	CPSM	4	Yes	DIFF	Maximum number of active threads	0	0-2000		44
THREADWAIT	EYUDA	CPSM	4	Yes	LIKE	Thread wait option	POOL			88

Table 253. DB2EDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
THREADWAIT Input/output valid values	<ul style="list-style-type: none"> <li>• POOL</li> <li>• YES</li> <li>• NO</li> </ul>									
TRANSID	CHAR	CPSM	4	Yes	DIFF	Transaction ID				33
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				104
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				112
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				120





# Chapter 106. DB2ENTRY Resource Table

A CICS Resource that describes a Db2 entry in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**DISCARD**

Discard the DB2 entry.

**DISABLE**

Disable the DB2 entry.

The parameter data for the DISABLE action is:

```
PARM( ' BUSY(cvda) . ' )
```

where *cvda* is required and is one of the following valid CVDA values for the DB2 entry busy condition:

WAIT  
NOWAIT  
FORCE

**External resource name(CMCI)**

CICSdb2Entry

**Object type**

CICS Resource

**Length**

248

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0087

**Security Class**

OPERATE.DB2DBCTL

**CICS Commands subject to CICS Security**

EXTRACT STATISTICS  
INQUIRE DB2ENTRY

Table 254. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

Table 254. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
PERFORM SET	DISABLE	BUSY(WAIT, NOWAIT, FORCE)	Yes
	DISCARD	None	N/A
	ENABLE	None	N/A

Table 255. DB2ENTRY resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
NAME-1	CHAR	INQ			8	DIF F	No	DB2 entry name			16
ABORTS	CNUMERIC	STAT	DFHD2RDS	D2R_ABORTS	4	AVG	No	Number of aborts			104
ACCOUNTREC	CVDAS	INQ	DB2ENTRY	ACCOUNTREC	4	LIKE	Yes	Accounting record option			24
ACCOUNTREC Input/output valid values	<ul style="list-style-type: none"> <li>NONE</li> <li>TASK</li> <li>TXID</li> <li>UOW</li> </ul>										
AUTHID	CHAR	INQ	DB2ENTRY	AUTHID	8	DIF F	Yes	Thread authorization ID			40
AUTHTYPE	CVDAS	INQ	DB2ENTRY	AUTHTYPE	4	LIKE	Yes	Authorization type			48
AUTHTYPE Input/output valid values	<ul style="list-style-type: none"> <li>GROUP</li> <li>SIGN</li> <li>TERM</li> <li>TX</li> <li>OPID</li> <li>USERID</li> </ul>										
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	228
CALLS	CNUMERIC	STAT	DFHD2RDS	D2R_CALLS	4	AVG	No	Number of calls			92
CHANGEAGENT	CVDAS	INQ	DB2ENTRY	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650	168
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>CSDAPI</li> <li>CSDBATCH</li> <li>DREPAPI</li> <li>OVERRIDE</li> <li>DREPBATCH</li> <li>CREATESPI</li> <li>NOTAPPLIC</li> </ul>										
CHANGEAGREL	CHAR	INQ	DB2ENTRY	CHANGEAGREL	4	DIF F	No	Last modification agent release		E640 E650	180
CHANGETIME	DATETIME	INQ	DB2ENTRY	CHANGETIME	8	MAX	No	Last modification time		E640 E650	184
CHANGEUSRID	CHAR	INQ	DB2ENTRY	CHANGEUSRID	8	DIF F	No	Last modification user ID		E640 E650	172

Table 255. DB2ENTRY resource table attributes (continued)											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
COMMITTS	CNUMERIC	STAT	DFHD2RDS	D2R_COMMITTS	4	AVG	No	Number of commits			100
DEFINESOURCE	CHAR	INQ	DB2ENTRY	DEFINESOURCE	8	DIFF	No	Source of the resource definition		E640 E650	192
DEFINETIME	DATETIME	INQ	DB2ENTRY	DEFINETIME	8	MAX	No	Creation time		E640 E650	200
DISABLEDACT	CVDAS	INQ	DB2ENTRY	DISABLEDACT	4	LIKE	Yes	Disabled action			28
DISABLEDACT Input/ output valid values	<ul style="list-style-type: none"> <li>• ABEND</li> <li>• SQLCODE</li> <li>• POOL</li> </ul>										
DROLLBACK	CVDAS	INQ	DB2ENTRY	DROLLBACK	4	LIKE	No	Deadlock rollback option			52
DROLLBACK Output valid values	<ul style="list-style-type: none"> <li>• ROLLBACK</li> <li>• NOROLLBACK</li> </ul>										
ENABLESTATUS	CVDAS	INQ	DB2ENTRY	ENABLESTATUS	4	LIKE	Yes	Enabled status			56
ENABLESTATUS Input/ output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>										
ENABLESTATUS Output valid values	<ul style="list-style-type: none"> <li>• DISABLING</li> </ul>										
INSTALLAGENT	CVDAS	INQ	DB2ENTRY	INSTALLAGENT	4	LIKE	No	Installation agent		E640 E650	224
INSTALLAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• GRPLIST</li> </ul>										
INSTALLTIME	DATETIME	INQ	DB2ENTRY	INSTALLTIME	8	MAX	No	Installation time		E640 E650	216
INSTALLUSRID	CHAR	INQ	DB2ENTRY	INSTALLUSRID	8	DIFF	No	Installation user ID		E640 E650	208
PLAN	CHAR	INQ	DB2ENTRY	PLAN	8	DIFF	Yes	Plan name			60
PLANEXITNAME	CHAR	INQ	DB2ENTRY	PLANEXITNAME	8	DIFF	Yes	Dynamic plan exit name			68
PRIORITY	CVDAS	INQ	DB2ENTRY	PRIORITY	4	LIKE	Yes	TCB priority			76
PRIORITY Input/ output valid values	<ul style="list-style-type: none"> <li>• HIGH</li> <li>• EQUAL</li> <li>• LOW</li> </ul>										
PROTECTNUM	CNUMERIC	INQ	DB2ENTRY	PROTECTNUM	4	AVG	Yes	Maximum number of protected threads			88
PSIGNONS	BINARY	STAT	DFHD2RDS	D2R_PARTIAL_SIGNONS	4	AVG	No	Number of partial signons		E640 E650 E660 E670 E680 E690 E700	236
PTCURR	CNUMERIC	STAT	DFHD2RDS	D2R_PTHREADD_CURRENT	4	AVG	No	Current number of protected threads			140
PTHREADS	CNUMERIC	INQ	DB2ENTRY	PTHREADS	4	AVG	No	Number of protected threads			32

Table 255. DB2ENTRY resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Offset
PTHWM	CNUMERIC	STAT	DFHD2RDS	D2R_PTHRE D_HWM	4	AVG	No	Peak number of protected threads			144
PTLIM	CNUMERIC	STAT	DFHD2RDS	D2R_PTHRE D_LIMIT	4	AVG	No	Maximum number of protected threads			136
REUSELIMCT	BINARY	STAT	DFHD2RDS	D2R_REUSELI MIT_COUNT	4	AVG	No	Number of times a DB2ENTRY thread reached REUSELIMIT		E640 E650 E660	232
RQCUR	CNUMERIC	STAT	DFHD2RDS	D2R_READYQ _CURRENT	4	AVG	No	Current number of tasks waiting for thread			160
RQHWM	CNUMERIC	STAT	DFHD2RDS	D2R_READYQ _HWM	4	AVG	No	Peak number of tasks waiting for thread			164
SIGNONS	CNUMERIC	STAT	DFHD2RDS	D2R_SIGNON S	4	AVG	No	Number of signons			96
SPHASE	CNUMERIC	STAT	DFHD2RDS	D2R_SINGLE_ PHASE	4	AVG	No	Number of UOWs with single phase commit			108
TCREATE	BINARY	STAT	DFHD2RDS	D2R_THREAD _CREATE	4	AVG	No	Number of times threads created		E640 E650 E660 E670 E680 E690 E700	240
TCURR	CNUMERIC	STAT	DFHD2RDS	D2R_THREAD _CURRENT	4	AVG	No	Current number of threads			128
THREADLIMIT	CNUMERIC	INQ	DB2ENTRY	THREADLIMIT	4	AVG	Yes	Maximum number of active threads			84
THREADS	CNUMERIC	INQ	DB2ENTRY	THREADS	4	AVG	No	Number of active threads			36
THREADWAIT	CVDAS	INQ	DB2ENTRY	THREADWAIT	4	LIK E	Yes	Thread wait option			80
THREADWAIT Input/ output valid values	<ul style="list-style-type: none"> <li>• TWAIT</li> <li>• NOTWAIT</li> <li>• TPOOL</li> </ul>										
THWM	CNUMERIC	STAT	DFHD2RDS	D2R_THREAD _HWM	4	AVG	No	Peak number of active threads			132
TLIMIT	CNUMERIC	STAT	DFHD2RDS	D2R_THREAD _LIMIT	4	AVG	No	Maximum number of threads			124
TREUSE	CNUMERIC	STAT	DFHD2RDS	D2R_THREAD _REUSE	4	AVG	No	Number of times threads reused			112
TTERM	CNUMERIC	STAT	DFHD2RDS	D2R_THREAD _TERM	4	AVG	No	Number of times threads terminated			116
TWORO	CNUMERIC	STAT	DFHD2RDS	D2R_THREAD _WAIT_OR_OV ERFL	4	AVG	No	Number of thread waits or overflows			120
XCURR	CNUMERIC	STAT	DFHD2RDS	D2R_TASK_CU RRENT	4	AVG	No	Current number of tasks			148
XHWM	CNUMERIC	STAT	DFHD2RDS	D2R_TASK_H WM	4	AVG	No	Peak number of tasks			152
XTOTAL	CNUMERIC	STAT	DFHD2RDS	D2R_TASK_TO TAL	4	AVG	No	Total number of tasks			156

## Chapter 107. DB2PKGST Resource Table

A CICS Resource that describes a DB2 packageset associated with a CICS Platform or a CICS Cloud application.

The **Primary** key field for this resource class is NAME. In addition, a parameter or criteria is required to name a platform or an application name and its major, minor and micro version.

### External resource name(CMCI)

CICSDB2Packageset

### Object type

CICS Resource

### Length

352

### Usage

API, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0216

### Security Class

OPERATE.DB2DBCTL

Table 256. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		APPLICATION(value)	No
		APPLMAJORVER(value)	No
		APPLMICROVER(value)	No
		APPLMINORVER(value)	No
		PLATFORM(value)	Yes

Table 257. DB2PKGST resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
NAME-1	CHAR	INQ			128	DIFF	DB2 Packageset	16
BASEAPMAJVER	BINARY	INQ			4	MAX	Base application major version	332

Table 257. DB2PKGST resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
BASEAPMICVER	BINARY	INQ			4	MAX	Base application micro version	340
BASEAPMINVER	BINARY	INQ			4	MAX	Base application minor version	336
BASEAPPLICTN	CHAR	INQ			64	DIFF	Base application name	268
BASEPLATFORM	CHAR	INQ			64	DIFF	Base platform name	204
CHANGEAGENT	CVDAS	INQ			4	LIKE	Last modification agent	144
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• NOTAPPLIC</li> </ul>							
CHANGEAGREL	CHAR	INQ			4	DIFF	Last modification agent release	148
CHANGETIME	DATETIME	INQ			8	MAX	Last modification time	176
CHANGEUSRID	CHAR	INQ			8	DIFF	Last modification user ID	152
DEFINESOURCE	CHAR	INQ			8	DIFF	Source of the resource definition	160
DEFINETIME	DATETIME	INQ			8	MAX	Creation time	168
ENABLESTATUS	CVDAS	INQ			4	LIKE	Enabled status	344
ENABLESTATUS Input/ output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>							
INSTALLAGENT	CVDAS	INQ			4	LIKE	Installation agent	192
INSTALLAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• BUNDLE</li> </ul>							
INSTALLTIME	DATETIME	INQ			8	MAX	Installation time	184
INSTALLUSRID	CHAR	INQ			8	DIFF	Installation user ID	196

## Chapter 108. DB2SS Resource Table

A CICS Resource that describes the attachment between an active CICS system and a DB2 subsystem.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### Object type

CICS Resource

### Length

80

### Usage

API, WUI, EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0032

### Security Class

OPERATE.DB2DBCTL

### CICS Commands subject to CICS Security

INQUIRE DB2CONN

Table 258. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 259. DB2SS resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
NAME-1	CHAR	CPSM	DB2CONN	DB2ID	4	DIFF	DB2 ID	16
CURTHREAD	BINARY	CPSM			4	AVG	Number of current active tasks	60
ERRDEST1	CHAR	CPSM	DB2CONN	MSGQUEUE1	4	DIFF	First error destination	48
ERRDEST2	CHAR	CPSM	DB2CONN	MSGQUEUE2	4	DIFF	Second error destination	52
ERRDEST3	CHAR	CPSM	DB2CONN	MSGQUEUE3	4	DIFF	Third error destination	56
LOCATION	CHAR	CPSM			4	DIFF	MVS system ID	20
MAXTHREAD	BINARY	CPSM			4	AVG	Maximum number of threads	64

Table 259. DB2SS resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
PLANENTRTRC	BINARY	CPSM			2	AVG	Plan allocation entry trace ID	68
PLANEXITTRC	BINARY	CPSM			2	AVG	Plan allocation exit trace ID	70
RCTNAME	CHAR	CPSM			8	DIFF	DB2 connection name	36
RELEASE	CHAR	CPSM	DB2CONN	DB2RELEASE	4	DIFF	DB2 subsystem release level	24
SNAPCLASS	CHAR	CPSM			1	DIFF	Snap dump output class	74
SQLTRCID	BINARY	CPSM			2	AVG	SQL trace ID	72
STATSDEST	CHAR	CPSM	DB2CONN	STATSQUEUE	4	DIFF	Transient data destination for CICS DB2 statistics	44
STATUS	EYUDA	CPSM			4	LIKE	DB2 CICS attachment status	28
STATUS Output valid values	<ul style="list-style-type: none"> <li>• ACTIVE</li> <li>• INACTIVE</li> <li>• WAITING</li> <li>• QUIESCING</li> <li>• CONNECTING</li> <li>• DISCONNING</li> </ul>							
WAIT	EYUDA	CPSM			4	LIKE	Wait for DB2 subsystem option	32
WAIT Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• RECONNECT</li> </ul>							



# Chapter 109. DB2TDEF Resource Table

A CICS Definition that describes the relationship between a transaction and its related DB2 Entry.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a DB2 transaction definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionDb2Transaction

**Object type**

CICS Definition

**Length**

152

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3819

**Security Class**

OPERATE.DB2DBCTL

Table 260. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Table 260. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 261. DB2TDEF FEEDBACK error codes		
Value	Code	Description
1	DB2TDEF_INV_DATA	Attribute data invalid
2	DB2TDEF_REC_NOT_FOUND	Requested resource not found
4	DB2TDEF_REC_EXISTS	Resource already exists
5	DB2TDEF_REC_CHANGED	Resource definition already changed
6	DB2TDEF_INV_RESTYPE	Invalid resource type
7	DB2TDEF_INV_VER	Invalid resource version
11	DB2TDEF_NON_MP	Maintenance point CMAS not available
12	DB2TDEF_INV_CONTEXT	Context not found
13	DB2TDEF_INCONSISTENT_SET	Inconsistent set condition
14	DB2TDEF_INV_RESGROUP	Resource group not found
21	DB2TDEF_INV_ACTION	Invalid action
22	DB2TDEF_INV_RECADDR	Invalid record address
23	DB2TDEF_INV_RECLEN	Invalid record length
24	DB2TDEF_DIFF_VERSION	Different version
25	DB2TDEF_EARLY_NAMELIST_END	Early name list end
26	DB2TDEF_INV_NAMELIST	Invalid name list
27	DB2TDEF_INV_NAME	Invalid name
28	DB2TDEF_INV_MINNAME	Invalid minor name
29	DB2TDEF_NOTIFY	Notify
30	DB2TDEF_PARTIAL_INSTALL	Partial install

Table 261. DB2TDEF FEEDBACK error codes (continued)

Value	Code	Description
31	DB2TDEF_NOTHING_INSTALLED	Nothing installed
32	DB2TDEF_NO_TARGETS	No targets
33	DB2TDEF_NO_RELATED	No related systems
34	DB2TDEF_INV_TSCOPE	Invalid target scope
35	DB2TDEF_INV_RSCOPE	Invalid related scope
36	DB2TDEF_INV_USAGE	Invalid usage
37	DB2TDEF_INV_MODE	Invalid mode
38	DB2TDEF_INV_STATECHK	Invalid state check
39	DB2TDEF_INV_FORCEINS	Invalid force install
40	DB2TDEF_INV_NOTIFY	Invalid notify
41	DB2TDEF_INV_OVERTYPE	Invalid over type
42	DB2TDEF_INV_OVRBLOCK	Invalid override block
43	DB2TDEF_INV_ORSTRING	Invalid override string
44	DB2TDEF_INV_STRNGTERM	Invalid string terminator
45	DB2TDEF_INV_EMBEDTERM	Invalid embedded terminator
46	DB2TDEF_INV_ATTRIBUTE	Invalid attribute
47	DB2TDEF_INV_LITERAL	Invalid literal
48	DB2TDEF_INV_ORSTGNA	Invalid override string
49	DB2TDEF_SCOPE_REQUIRED	Scope required
50	DB2TDEF_USAGE_CONFLICT	Usage conflict
51	DB2TDEF_NODEFS_SELECTED	No definitions selected
52	DB2TDEF_MORE_THAN_1_RELSYS	More than one related system
53	DB2TDEF_MISSING_RELSYSID	Missing related system identifier
54	DB2TDEF_SCOPE_CONFLICT	Scope conflict
55	DB2TDEF_INV_CSDGROUP	Invalid CSD group
56	DB2TDEF_REC_NOT_REMOVED	Record not removed
57	DB2TDEF_INV_RESOURCE	Invalid resource
58	DB2TDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	DB2TDEF_PARTIAL_ACTION	Partial action
60	DB2TDEF_NOTHING_ACTIONED	Nothing actioned
61	DB2TDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	DB2TDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	DB2TDEF_CSD_ERROR	CSD access error

Table 262. DB2TDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	144
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				48
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		140
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				80
ENTRY	CHAR	CPSM	8	Yes	DIFF	Name of associated DB2 entry				33
TRANSID	CHAR	CPSM	4	No	DIFF	Transaction ID associated with DB2 entry				41
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				56
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				64
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				72

## Chapter 110. DB2THRD Resource Table

A CICS Resource that describes an attachment thread from an active CICS system to a DB2 subsystem.

The **Primary** key field for this resource class is INITTRAN.

**Object type**

CICS Resource

**Length**

96

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0033

**Security Class**

OPERATE.DB2DBCTL

**CICS Commands subject to CICS Security**

EXTRACT STATISTICS

Table 263. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 264. DB2THRD resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>INITTRAN-1</b>	CHAR	CPSM			4	DIFF	Initial transaction	16
ABORTCNT	BINARY	CPSM	DFHD2RDS	D2R_ABORTS	4	AVG	Number of aborts	72
AUTHCNT	BINARY	CPSM	DFHD2RDS	D2R_SIGNONS	4	AVG	Number of authorizations performed	60
AUTHTYPE	EYUDA	CPSM			4	LIKE	Authorization type	20

Table 264. DB2THRD resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
AUTHTYPE Output valid values	<ul style="list-style-type: none"> <li>• USER</li> <li>• TERMID</li> <li>• TRANID</li> <li>• SIGNID</li> <li>• CHARSTR</li> <li>• USERID</li> <li>• RACFGID</li> <li>• NULL</li> <li>• NA</li> </ul>							
CURTHREADS	BINARY	CPSM			2	AVG	Number of current threads	34
DPMODE	EYUDA	CPSM			4	LIKE	Dispatching mode	24
DPMODE Output valid values	<ul style="list-style-type: none"> <li>• HIGH</li> <li>• LOW</li> <li>• EQ</li> </ul>							
MAXTHREADS	BINARY	CPSM			2	AVG	Maximum number of threads	32
NAME	CHAR	CPSM			4	DIFF	DB2 subsystem	86
OTHERIDS	BINARY	CPSM			4	AVG	Number of transactions in group	80
PLANNAME	CHAR	CPSM			8	DIFF	Plan	52
PLANPRGM	CHAR	CPSM			8	DIFF	Dynamic plan exit for pool threads	44
READCOMMIT	BINARY	CPSM	DFHD2RDS	D2R_SINGLE_PHASE	4	AVG	Number of read-only commits	76
ROLLBACKOPT	EYUDA	CPSM			4	LIKE	Rollback option	28
ROLLBACKOPT Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>							
RSVTHREADS	BINARY	CPSM			4	AVG	Number of reserved threads	36
THREADHWM	BINARY	CPSM	DFHD2RDS	D2R_THREAD_HWM	2	AVG	Peak number of concurrent threads in use	84
THREADWAIT	BINARY	CPSM	DFHD2RDS	D2R_THREAD_WAIT_OR_OVERFL	4	AVG	Number of thread waits	68
THREADWOPT	EYUDA	CPSM			4	LIKE	Thread wait option	40
THREADWOPT Output valid values	<ul style="list-style-type: none"> <li>• TWAIT</li> <li>• NOTWAIT</li> <li>• POOL</li> <li>• YES</li> <li>• NO</li> <li>• NA</li> </ul>							
USECOUNT	BINARY	CPSM	DFHD2RDS	D2R_CALLS	4	AVG	Number of times plan used	64

## Chapter 111. DB2TRAN Resource Table

A CICS Resource that describes a transaction defined as using a DB2 thread and resource.

The **Primary** key field for this resource class is INITTRAN.

The **Secondary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**Object type**

CICS Resource

**Length**

24

**Usage**

API, WUI

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0034

**Security Class**

OPERATE.DB2DBCTL

Table 265. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 266. DB2TRAN resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
INITTRAN-1	CHAR	CPSM			4	DIFF	Initial transaction	16
NAME-2	CHAR	CPSM			4	DIFF	Associated transaction ID	20





# Chapter 112. DB2TRN Resource Table

A CICS Resource that describes a Db2 transaction in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**DISCARD**

Discard the DB2 transaction.

These actions require no unique parameter data.

**External resource name(CMCI)**

CICSDB2Transaction

**Object type**

CICS Resource

**Length**

120

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0088

**Security Class**

OPERATE.DB2DBCTL

**CICS Commands subject to CICS Security**

INQUIRE DB2TRAN

Table 267. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 268. DB2TRN resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Le n	Su m	Set	Description	Default	Get Inval id	Offs et
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			0

Table 268. DB2TRN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
NAME-1	CHAR	INQ	DB2TRAN	DB2TRAN	8	DIF F	No	DB2 transaction name			16
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	112
CHANGEAGENT	CVDAS	INQ	DB2TRAN	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650	52
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• DYNAMIC</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>										
CHANGEAGREL	CHAR	INQ	DB2TRAN	CHANGEAGREL	4	DIF F	No	Last modification agent release		E640 E650	64
CHANGETIME	DATETIME	INQ	DB2TRAN	CHANGETIME	8	MAX	No	Last modification time		E640 E650	72
CHANGEUSRID	CHAR	INQ	DB2TRAN	CHANGEUSRID	8	DIF F	No	Last modification user ID		E640 E650	56
DB2ENTRY	CHAR	INQ	DB2TRAN	DB2ENTRY	8	DIF F	Yes	DB2 entry name for DB2TRN			24
DEFINESOURCE	CHAR	INQ	DB2TRAN	DEFINESOURCE	8	DIF F	No	Source of the resource definition		E640 E650	80
DEFINETIME	DATETIME	INQ	DB2TRAN	DEFINETIME	8	MAX	No	Creation time		E640 E650	88
INSTALLAGENT	CVDAS	INQ	DB2TRAN	INSTALLAGENT	4	LIKE	No	Installation agent		E640 E650	68
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• DYNAMIC</li> <li>• GRPLIST</li> </ul>										
INSTALLTIME	DATETIME	INQ	DB2TRAN	INSTALLTIME	8	MAX	No	Installation time		E640 E650	104
INSTALLUSRID	CHAR	INQ	DB2TRAN	INSTALLUSRID	8	DIF F	No	Installation user ID		E640 E650	96
PLAN	CHAR	CPSM	DB2TRAN	PLAN	8	DIF F	No	Plan name			36
PLANEXITNAME	CHAR	CPSM			8	DIF F	No	Plan exit name			44
TRANSID	CHAR	INQ	DB2TRAN	TRANSID	4	DIF F	Yes	Transaction ID associated with DB2 entry			32

## Chapter 113. DBCTLSS Resource Table

A CICS Resource that describes the connection of an active CICS system to a DBCTL subsystem.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSDBCTLSubsystem

### Object type

CICS Resource

### Length

104

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0031

### Security Class

OPERATE.DB2DBCTL

### CICS Commands subject to CICS Security

EXTRACT STATISTICS

Table 269. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 270. DBCTLSS resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
NAME-1	CHAR	CPSM	DFHDGB	DGBDBCID	4	DIFF	DBCTL subsystem name	16
CICSNAME	CHAR	CPSM	DFHDGB	DGBCAPLD	8	DIFF	CICS system name used to attach	28
DBCTLOVERRIDE	CHAR	CPSM	DFHDGB	DGBIDBID	4	DIFF	DBCTL ID override	96
LOCATION	CHAR	CPSM			4	DIFF	MVS system ID	20
MAXTHRCNT	BINARY	CPSM	DFHDGB	DGBNOMATHD	4	AVG	Number of times maximum threads reached	80

Table 270. DBCTLSS resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
MAXTHRTIME	BINARY	CPSM	DFHDGB	DGBELMAX	4	AVG	Elapsed time at maximum threads condition	84
MAXTHREAD	BINARY	CPSM	DFHDGB	DGBMATHD	2	AVG	Maximum number of threads	74
MINTHRDCNT	BINARY	CPSM	DFHDGB	DGBNOMITHD	4	AVG	Number of times minimum threads reached	76
MINTHREAD	BINARY	CPSM	DFHDGB	DGBMITHD	2	AVG	Minimum number of threads	72
PEAKTHREADS	BINARY	CPSM	DFHDGB	DGBHIWAT	4	AVG	Peak number of threads in use	88
PRPNAME	CHAR	CPSM	DFHDGB	DGBSTSU	8	DIFF	Fully qualified startup table name	36
PSBSCHED	BINARY	CPSM	DFHDGB	DGBPSBSU	4	AVG	Number of times PSB successfully scheduled	92
RSENAME	CHAR	CPSM	DFHDGB	DGBRSEN	8	DIFF	Recoverable Service Element (RSE) name	44
STATUS	EYUDA	CPSM	DFHDGB	DGBDSTAT	4	LIKE	DBCTL CICS attachment status	24
STATUS Output valid values	<ul style="list-style-type: none"> <li>• ACTIVE</li> <li>• INACTIVE</li> <li>• WAITING</li> </ul>							
TIMEOFF	TIMESTP	CPSM	DFHDGB	DGBDTIME	8	MAX	Time at which disconnect occurred	64
TIMEON	TIMESTP	CPSM	DFHDGB	DGBCTIME	8	MAX	Time at which connect occurred	56

# Chapter 114. DOCDEF Resource Table

A CICS Definition that describes a document template.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a document Template Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionDocumentTemplate

**Object type**

CICS Definition

**Length**

512

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3824

**CICS Commands subject to CICS Security**

INQUIRE DOCTEMPLATE

Table 271. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Table 271. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 272. DOCDEF FEEDBACK error codes

Value	Code	Description
1	DOCDEF_INV_DATA	Attribute data invalid
2	DOCDEF_REC_NOT_FOUND	Requested resource not found
4	DOCDEF_REC_EXISTS	Resource already exists
5	DOCDEF_REC_CHANGED	Resource definition already changed
6	DOCDEF_INV_RESTYPE	Invalid resource type
7	DOCDEF_INV_VER	Invalid resource version
11	DOCDEF_NON_MP	Maintenance point CMAS not available
12	DOCDEF_INV_CONTEXT	Context not found
13	DOCDEF_INCONSISTENT_SET	Inconsistent set condition
14	DOCDEF_INV_RESGROUP	Resource group not found
21	DOCDEF_INV_ACTION	Invalid action
22	DOCDEF_INV_RECADDR	Invalid record address
23	DOCDEF_INV_RECLLEN	Invalid record length
24	DOCDEF_DIFF_VERSION	Different version
25	DOCDEF_EARLY_NAMELIST_END	Early name list end
26	DOCDEF_INV_NAMELIST	Invalid name list
27	DOCDEF_INV_NAME	Invalid name
28	DOCDEF_INV_MINNAME	Invalid minor name
29	DOCDEF_NOTIFY	Notify
30	DOCDEF_PARTIAL_INSTALL	Partial install

Table 272. DOCDEF FEEDBACK error codes (continued)

Value	Code	Description
31	DOCDEF_NOTHING_INSTALLED	Nothing installed
32	DOCDEF_NO_TARGETS	No targets
33	DOCDEF_NO_RELATED	No related systems
34	DOCDEF_INV_TSCOPE	Invalid target scope
35	DOCDEF_INV_RSCOPE	Invalid related scope
36	DOCDEF_INV_USAGE	Invalid usage
37	DOCDEF_INV_MODE	Invalid mode
38	DOCDEF_INV_STATECHK	Invalid state check
39	DOCDEF_INV_FORCEINS	Invalid force install
40	DOCDEF_INV_NOTIFY	Invalid notify
41	DOCDEF_INV_OVERTYPE	Invalid over type
42	DOCDEF_INV_OVRBLOCK	Invalid override block
43	DOCDEF_INV_ORSTRING	Invalid override string
44	DOCDEF_INV_STRNGTERM	Invalid string terminator
45	DOCDEF_INV_EMBEDTERM	Invalid embedded terminator
46	DOCDEF_INV_ATTRIBUTE	Invalid attribute
47	DOCDEF_INV_LITERAL	Invalid literal
48	DOCDEF_INV_ORSTGNA	Invalid override string
49	DOCDEF_SCOPE_REQUIRED	Scope required
50	DOCDEF_USAGE_CONFLICT	Usage conflict
51	DOCDEF_NODEFS_SELECTED	No definitions selected
52	DOCDEF_MORE_THAN_1_RELSYS	More than one related system
53	DOCDEF_MISSING_RELSYSID	Missing related system identifier
54	DOCDEF_SCOPE_CONFLICT	Scope conflict
55	DOCDEF_INV_CSDGROUP	Invalid CSD group
56	DOCDEF_REC_NOT_REMOVED	Record not removed
57	DOCDEF_INV_RESOURCE	Invalid resource
58	DOCDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	DOCDEF_PARTIAL_ACTION	Partial action
60	DOCDEF_NOTHING_ACTIONED	Nothing actioned
61	DOCDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	DOCDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	DOCDEF_CSD_ERROR	CSD access error

Table 273. DOCDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	504
APPENDCRLF	EYUDA	CPSM	4	Yes	LIKE	Carriage return line feed (CRLF) append option	YES			236
APPENDCRLF Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				96
DDNAME	CHAR	CPSM	8	No	DIFF	DDname of partitioned data set				49
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		500
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				128
DOCTYPE	CVDAS	CPSM	4	Yes	LIKE	Document content type	EBCDIC			240
DOCTYPE Input/output valid values	<ul style="list-style-type: none"> <li>• EBCDIC</li> <li>• BINARY</li> </ul>									
EXITPGM	CHAR	CPSM	8	No	DIFF	Exit program name				33
FILE	CHAR	CPSM	8	No	DIFF	File name				41
HFSFILE	CHAR	CPSM	255	No	DIFF	zSeries File System template file				244
MEMBERNAME	CHAR	CPSM	8	No	DIFF	Member of partitioned data set				57
PROGRAM	CHAR	CPSM	8	No	DIFF	Program name				65
TDQUEUE	CHAR	CPSM	4	No	DIFF	Transient data queue name				89
TEMPLATENAME	CHAR	CPSM	48	No	DIFF	Document template name				186
TSQUEUE	CHAR	CPSM	16	No	DIFF	Temporary storage queue name				73
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				104
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				112
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				120



## Chapter 115. DOCINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a document template definition (DOCDEF) in a resource group (RESGROUP). A DOCDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is DOCGROUP.

The **Secondary** key field for this resource class is DOCNAME.

The **Tertiary** key field for this resource class is DOCVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6169

### Security Class

BAS.DEF

Table 274. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 275. DOCINGRP FEEDBACK error codes		
Value	Code	Description
1	DOCINGRP_INV_DATA	Attribute data invalid
2	DOCINGRP_REC_NOT_FOUND	Requested resource not found
4	DOCINGRP_REC_EXISTS	Resource already exists
6	DOCINGRP_INV_RESTYPE	Invalid resource type
7	DOCINGRP_INV_VER	Invalid resource version
11	DOCINGRP_NON_MP	Maintenance point CMAS not available

Table 275. DOCINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	DOCINGRP_INV_CONTEXT	Context not found
21	DOCINGRP_INCONSISTENT_SET	Inconsistent set
22	DOCINGRP_DIFF_VERSION	Different version
23	DOCINGRP_INV_NAME	Invalid name
24	DOCINGRP_INV_MINNAME	Invalid minor name

Table 276. DOCINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
DOCGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
DOCNAME-2	CHAR	CPSM	8	Yes	DIFF	Document template definition name	44
DOCOVER-3	BINARY	CPSM	1	Yes	AVG	Document template definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 116. DOCTEMP Resource Table

A CICS Resource that describes a Document Template in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**DISCARD**

Discard a Document Template

These actions require no unique parameter data.

**External resource name(CMCI)**

CICSDocumentTemplate

**Object type**

CICS Resource

**Length**

536

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0105

**CICS Commands subject to CICS Security**

INQUIRE DOCTEMPLATE

Table 277. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	NEWCOPY	None	N/A

Table 278. DOCTEMP resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Le n	Su m	Set	Description	Default	Get Inval id	Offs et
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			8

Table 278. DOCTEMP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
NAME-1	CHAR	INQ	DOCTEMPLAT E	DOCTEMPLAT E	8	DIF F	No	Document template name			16
APPENDCRLF	CVDAS	CPSM	DOCTEMPLAT E	APPENDCRLF	4	LIK E	No	Carriage return line feed (CRLF) append option			184
APPENDCRLF Output valid values	<ul style="list-style-type: none"> <li>APPEND</li> <li>NOAPPEND</li> </ul>										
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	532
CACHEDELD	BINARY	STAT	DFHDHDDS	DHD_TEMPLA TE_CACHE_DE LETED	4	AVG	No	Total number of DOCTEMPLATE deletes from Cache		E640	468
CACHESIZE	BINARY	INQ	DOCTEMPLAT E	CACHESIZE	4	AVG	No	Size in bytes of DOCTEMPLATE		E640	448
CACHEUSED	BINARY	STAT	DFHDHDDS	DHD_TEMPLA TE_CACHE_US ED	4	AVG	No	Total number of DOCTEMPLATE accesses from Cache		E640	464
CHANGEAGENT	CVDAS	INQ	DOCTEMPLAT E	CHANGEAGEN T	4	LIK E	No	Last modification agent		E640 E650	480
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>CSDAPI</li> <li>CSDBATCH</li> <li>DREPAPI</li> <li>OVERRIDE</li> <li>DREPBATCH</li> <li>DYNAMIC</li> <li>CREATESPI</li> <li>NOTAPPLIC</li> </ul>										
CHANGEAGREL	CHAR	INQ	DOCTEMPLAT E	CHANGEAGRE L	4	DIF F	No	Last modification agent release		E640 E650	484
CHANGETIME	DATETIME	INQ	DOCTEMPLAT E	CHANGETIME	8	MAX	No	Last modification time		E640 E650	488
CHANGEUSRID	CHAR	INQ	DOCTEMPLAT E	CHANGEUSRI D	8	DIF F	No	Last modification user ID		E640 E650	472
COPY	CVDAS	INQ			4	LIK E	Yes	New copy status of the DOCTEMPLATE		E640	444
COPY Input valid values	<ul style="list-style-type: none"> <li>NEWCOPY</li> </ul>										
COPY Output valid values	<ul style="list-style-type: none"> <li>N_A</li> </ul>										
DDNAME	CHAR	CPSM	DOCTEMPLAT E	DDNAME	8	DIF F	No	DD name of the partitioned data set			40
DEFINESOURCE	CHAR	INQ	DOCTEMPLAT E	DEFINESOUR CE	8	DIF F	No	Source of the resource definition		E640 E650	496
DEFINETIME	DATETIME	INQ	DOCTEMPLAT E	DEFINETIME	8	MAX	No	Creation time		E640 E650	504
DOCTYPE	CVDAS	CPSM	DOCTEMPLAT E	TYPE	4	LIK E	No	Document content type			180
DOCTYPE Output valid values	<ul style="list-style-type: none"> <li>BINARY</li> <li>EBCDIC</li> </ul>										
DSNAME	CHAR	CPSM	DOCTEMPLAT E	DSNAME	44	DIF F	No	Data set name of partitioned data set			136

Table 278. DOCTEMP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
EXITPGM	CHAR	CPSM	DOCTEMPLAT E	EXITPGM	8	DIF F	No	Exit program name			24
FILE	CHAR	CPSM	DOCTEMPLAT E	FILE	8	DIF F	No	File name			32
HFSFILE	CHAR	CPSM	DOCTEMPLAT E	HFSFILE	25 5	DIF F	No	zSeries File System template file			188
INSTALLAGENT	CVDAS	INQ	DOCTEMPLAT E	INSTALLAGEN T	4	LIK E	No	Installation agent		E640 E650	528
INSTALLAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• GRPLIST</li> <li>• DYNAMIC</li> </ul>										
INSTALLTIME	DATETIME	INQ	DOCTEMPLAT E	INSTALLTIME	8	MAX	No	Installation time		E640 E650	520
INSTALLUSRID	CHAR	INQ	DOCTEMPLAT E	INSTALLUSRI D	8	DIF F	No	Installation user ID		E640 E650	512
MEMBER	CHAR	CPSM	DOCTEMPLAT E	MEMBER	8	DIF F	No	Name of the member in partitioned data set			48
NEWCOPYCNT	BINARY	STAT	DFHDHDDS	DHD_TEMPLA TE_NEWCOPI ES	4	AVG	No	Total number of NEWCOPY requests issued		E640	456
PROGRAM	CHAR	CPSM	DOCTEMPLAT E	PROGRAM	8	DIF F	No	Program name			56
READCOUNT	BINARY	STAT	DFHDHDDS	DHD_TEMPLA TE_READ_CO UNT	4	AVG	No	Total number of DOCTEMPLATE reads		E640	460
TDQUEUE	CHAR	CPSM	DOCTEMPLAT E	TDQUEUE	4	DIF F	No	Transient data queue name			80
TEMPLATENAME	CHAR	CPSM	DOCTEMPLAT E	TEMPLATENA ME	48	DIF F	No	Extended document template name			88
TEMPLATETYPE	CVDAS	CPSM	DOCTEMPLAT E	TEMPLATETYP E	4	LIK E	No	Document template type			84
TEMPLATETYPE Output valid values	<ul style="list-style-type: none"> <li>• MEMBER</li> <li>• FILE</li> <li>• PROGRAM</li> <li>• TSQUEUE</li> <li>• TDQUEUE</li> <li>• EXITPGM</li> <li>• HFS</li> </ul>										
TSQUEUE	CHAR	CPSM	DOCTEMPLAT E	TSQUEUE	16	DIF F	No	Temporary storage queue name			64
USECOUNT	BINARY	STAT	DFHDHDDS	DHD_TEMPLA TE_USE_CO UNT	4	AVG	No	Total number of times DOCTEMPLATE has been used		E640	452



## Chapter 117. DOMSPOOL Resource Table

A CICS Resource that describes CICS storage domain subpools in an active system being managed by CICSplex SM.

The **Primary** key field for this resource class is SMSDSPN.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSDomainSubpool

### Object type

CICS Resource

### Length

144

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0118

### CICS Commands subject to CICS Security

INQUIRE SUBPOOL

Table 279. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 280. DOMSPOOL resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>SMDSPN-1</b>	CHAR	INQ	DFHSMDDS	SMDSPN	8	DIFF	Domain subpool name	16
DSAELEMPCT	PERCENT3	CPSM			4	AVG	Percentage of DSA used by elements	92
DSAPAGEPCT	PERCENT3	CPSM			4	AVG	Percentage of DSA used by pages	96
DSAPAGEPPCT	PERCENT3	CPSM			4	AVG	Peak percentage of DSA page use	100
FREEMAINRTE	RATE3	CPSM			8	AVG	FREEMAIN rate since last reset	112

Table 280. DOMSPool resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
GETMAINRTE	RATE3	CPSM			8	AVG	GETMAIN rate since last reset	104
PAGEELEMPT	PERCENT3	CPSM			4	AVG	Percentage of page pool used by elements	120
PAGEPAGEPCT	PERCENT3	CPSM			4	AVG	Percentage of page pool used by pages	124
PAGEPAGPPCT	PERCENT3	CPSM			4	AVG	Peak percentage of page pool used by pages	128
SMDACCESS	EYUDA	STAT	DFHSMDDS	SMDACCESS	4	LIKE	Subpool access type	52
SMDACCESS Output valid values	<ul style="list-style-type: none"> <li>• CICS</li> <li>• USER</li> <li>• READONLY</li> <li>• TRUSTED</li> </ul>							
SMDBNDRY	BINARY	STAT	DFHSMDDS	SMDBNDRY	4	AVG	Subpool element boundary	44
SMDCELEM	BINARY	STAT	DFHSMDDS	SMDCELEM	4	AVG	Current number of elements	76
SMDCES	BINARY	STAT	DFHSMDDS	SMDCES	4	AVG	Sum of all element lengths	68
SMDGPS	BINARY	STAT	DFHSMDDS	SMDGPS	4	AVG	Current page storage	72
SMDDSANAME	CHAR	INQ			8	DIFF	Name of dynamic storage area (DSA)	24
SMDELCHN	BIT	STAT	DFHSMDDS	SMDELCHN	1	LIKE	Element chaining indicator	40
SMDETYPE	BIT	STAT	DFHSMDDS	SMDETYPE	1	LIKE	Subpool element type	32
SMDFLEN	BINARY	STAT	DFHSMDDS	SMDFLEN	4	AVG	Subpool element length	36
SMDFMREQ	BINARY	STAT	DFHSMDDS	SMDFMREQ	4	AVG	Number of FREEMAIN requests	64
SMDGMREQ	BINARY	STAT	DFHSMDDS	SMDGMREQ	4	AVG	Number of GETMAIN requests	60
SMDHWMP	BINARY	STAT	DFHSMDDS	SMDHWMP	4	AVG	Peak page storage	80
SMDIFREE	BINARY	STAT	DFHSMDDS	SMDIFREE	4	AVG	Initial free area size	56
SMDLOCN	EYUDA	STAT	DFHSMDDS	SMDLOCN	4	LIKE	Location above/below 16M or above the bar	48
SMDLOCN Output valid values	<ul style="list-style-type: none"> <li>• ABOVE</li> <li>• BELOW</li> <li>• ABOVEBAR</li> </ul>							
SMSDSABYTES	BINARY	STAT			8	AVG	Current size of DSA in bytes	132
SMSDSASZ	BINARY	STAT	R64BODY	R64DSASZ	4	AVG	Current size of DSA	88
SMSDSATOTAL	BINARY	STAT			4	AVG	Current DSA total	84



# Chapter 118. DSKJRNL Resource Table

A CICS Resource that describes a disk journal in an active CICS system being managed by CICSPlex SM.

The **Primary** key field for this resource class is JOURNALNUM.

The following actions are supported:

**ADVANCE**

Advance to the next journal.

**CLOSE**

Close the journal.

**OPEN**

Open the journal.

These actions require no unique parameter data.

**Object type**

CICS Resource

**Length**

64

**Usage**

EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0013

**Security Class**

OPERATE.JOURNAL

**CICS Commands subject to CICS Security**

COLLECT STATISTICS

INQUIRE JOURNALNUM

Table 281. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADVANCE	None	N/A
	CLOSE	None	N/A
	OPEN	None	N/A

Table 282. DSKJRNL resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	12
JOURNALNUM-1	BINARY	INQ			2	AVG	No	Journal number	16
ARCHSTAT	CVDAS	INQ	JOURNALNUM	ARCHSTATUS	4	LIKE	No	Archive status	28
ARCHSTAT Output valid values	<ul style="list-style-type: none"> <li>AUTOARCH</li> <li>NOAUTOARCH</li> <li>REVERTED</li> </ul>								
ARCHSUBCNT	BINARY	STAT	DFHA13DS	A13ASUB	2	AVG	No	Number of archives submitted	34
ARCHWCNT	BINARY	STAT	DFHA13DS	A13WAC	2	AVG	No	Number of waits for archive to complete	18
AVGSIZE	BINARY	STAT	DFHA13DS	A13ABS	2	AVG	No	Average block size	52
BLKWRCNT	DECIMAL	STAT	DFHA13DS	A13PBC	4	AVG	No	Number of blocks written	48
BUFULLCNT	DECIMAL	STAT	DFHA13DS	A13BFC	3	AVG	No	Number of times buffer was full	59
DISKASTATUS	CVDAS	INQ	JOURNALNUM	DISKASTATUS	4	LIKE	No	Disk A status	36
DISKASTATUS Output valid values	<ul style="list-style-type: none"> <li>CURRENT</li> <li>READY</li> <li>NOTREADY</li> <li>NOTAPPLIC</li> </ul>								
DISKBSTATUS	CVDAS	INQ	JOURNALNUM	DISKBSTATUS	4	LIKE	No	Disk B status	40
DISKBSTATUS Output valid values	<ul style="list-style-type: none"> <li>CURRENT</li> <li>READY</li> <li>NOTREADY</li> <li>NOTAPPLIC</li> </ul>								
DISKXSTATUS	CVDAS	INQ	JOURNALNUM	DISKXSTATUS	4	LIKE	No	Disk X status	44
DISKXSTATUS Output valid values	<ul style="list-style-type: none"> <li>CURRENT</li> <li>READY</li> <li>NOTREADY</li> </ul>								
DSOPENCNT	BINARY	STAT	DFHA13DS	A13JDO	2	AVG	No	Number of journal data sets opened	32
OPENSTATUS	CVDAS	INQ			4	LIKE	Yes	Open status	24
OPENSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>OPENOUTPUT</li> <li>CLOSED</li> </ul>								
OPENSTATUS Input valid values	<ul style="list-style-type: none"> <li>ADVANCE</li> <li>CLOSELEAVE</li> </ul>								
RECWCNT	DECIMAL	STAT	DFHA13DS	A13LRC	5	AVG	No	Number of records written	54
TYPE	CVDAS	INQ	JOURNALNUM	JTYPE	4	LIKE	No	Journal type	20
TYPE Output valid values	<ul style="list-style-type: none"> <li>TAPE1</li> <li>TAPE2</li> <li>DISK1</li> <li>DISK2</li> <li>DISK2PAUSE</li> <li>SMF</li> </ul>								

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# Chapter 119. DSNNAME Resource Table

A CICS Resource that describes a data set in use by an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is DSNNAME.

The following actions are supported:

**BACKOUT**

Back out shunted indoubt units of work associated with the data set.

**COMMIT**

Commit shunted indoubt units of work associated with the data set.

**FORCE**

Force shunted indoubt units of work associated with the data set to commit or back out.

**IMMQUIESCE**

Immediately quiesce the data set; all units of work are abended.

**QUIESCE**

Quiesce the data set; all units of work are allowed to reach syncpoint.

**REMOVE**

Remove the data set.

**UNQUIESCE**

Unquiesce the data set.

The parameter data for the IMMQUIESCE, QUIESCE, and UNQUIESCE actions is:

```
PARM( ' BUSY(cvda) . ' )
```

where *cvda* is required and is one of the following valid CVDA values for the data set busy condition:

WAIT  
NOWAIT

**External resource name(CMCI)**

CICSDataSetName

**Object type**

CICS Resource

**Length**

184

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0011

**Security Class**  
OPERATE.FILE

**CICS Commands subject to CICS Security**  
INQUIRE DSNAME

Table 283. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
REMOVE		None	N/A
PERFORM SET	IMMQUIESE	BUSY(WAIT, NOWAIT)	Yes
	QUIESE	BUSY(WAIT, NOWAIT)	Yes
	UNQUIESE	BUSY(WAIT, NOWAIT)	Yes
	IMMQUIESCE	BUSY(WAIT, NOWAIT)	Yes
	QUIESCE	BUSY(WAIT, NOWAIT)	Yes
	UNQUIESCE	BUSY(WAIT, NOWAIT)	Yes
	BACKOUT	None	N/A
	COMMIT	None	N/A
	FORCE	None	N/A

Table 284. DSNAME resource table attributes										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		12
<b>DSNAME-1</b>	CHAR	INQ	DSNAME	DSNAME	44	DIFF	No	Data set name		16
ACCESSMETHOD	CVDAS	INQ	DSNAME	ACCESSMETHOD	4	LIKE	No	Access method		60
ACCESSMETHOD Input/output valid values	<ul style="list-style-type: none"> <li>VSAM</li> <li>BDAM</li> <li>NOTAPPLIC</li> </ul>									
AVAILABILITY	CVDAS	INQ	DSNAME	AVAILABILITY	4	LIKE	Yes	Availability status		160
AVAILABILITY Input/output valid values	<ul style="list-style-type: none"> <li>AVAILABLE</li> <li>UNAVAILABLE</li> <li>RREPL</li> </ul>									
AVAILABILITY Output valid values	<ul style="list-style-type: none"> <li>NOTAPPLIC</li> </ul>									
BACKUPTYPE	CVDAS	INQ	DSNAME	BACKUPTYPE	4	LIKE	No	Type of backup		64
BACKUPTYPE Output valid values	<ul style="list-style-type: none"> <li>STATIC</li> <li>DYNAMIC</li> <li>UNDETERMINED</li> <li>NOTAPPLIC</li> </ul>									
BASEDSNAME	CHAR	INQ	DSNAME	BASEDSNAME	44	DIFF	No	Base data set name		68
BKOUTSTATUS	CVDAS	INQ	DSNAME	BKOUTSTATUS	4	LIKE	Yes	Backout status	E510+	112

Table 284. DSNAME resource table attributes (continued)										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
BKOUTSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>NORMALBKOUT</li> <li>FAILEDDBKOUT</li> </ul>									
BKOUTSTATUS Output valid values	<ul style="list-style-type: none"> <li>FAILINGBKOUT</li> <li>NOTAPPLIC</li> </ul>									
FILECOUNT	BINARY	INQ	DSNAME	FILECOUNT	4	AVG	No	Number of file definitions that reference data set		116
FWDRECOVLOG	CNUMERIC	INQ	DSNAME	FWDRECOVLOG	2	AVG	No	Journal number		132
FWDRECOVLSN	CHAR	INQ	DSNAME	FWDRECOVLSN	26	DIFF	No	Forward recovery log stream name		134
LOGREPSTATUS	CVDAS	INQ			4	LIKE	No	Replication Logging		176
LOGREPSTATUS Output valid values	<ul style="list-style-type: none"> <li>LOGREPLICATE</li> <li>NOLOGREPLICA</li> <li>NOTAPPLIC</li> </ul>									
LOSTLOCKS	CVDAS	INQ	DSNAME	LOSTLOCKS	4	LIKE	No	Lost locks status		164
LOSTLOCKS Output valid values	<ul style="list-style-type: none"> <li>NOLOSTLOCKS</li> <li>REMLOSTLOCKS</li> <li>RECOVERLOCKS</li> <li>NOTAPPLIC</li> </ul>									
OBJECT	CVDAS	INQ	DSNAME	OBJECT	4	LIKE	No	Data set type		120
OBJECT Output valid values	<ul style="list-style-type: none"> <li>BASE</li> <li>PATH</li> <li>NOTAPPLIC</li> </ul>									
QUIESCESTATE	CVDAS	INQ	DSNAME	QUIESCESTATE	4	LIKE	Yes	Record level sharing (RLS) quiesce state		168
QUIESCESTATE Input/output valid values	<ul style="list-style-type: none"> <li>UNQUIESCED</li> <li>QUIESCED</li> </ul>									
QUIESCESTATE Output valid values	<ul style="list-style-type: none"> <li>QUIESCING</li> <li>NOTAPPLIC</li> </ul>									
RECOVSTATUS	CVDAS	INQ	DSNAME	RECOVSTATUS	4	LIKE	No	Recovery status		124
RECOVSTATUS Output valid values	<ul style="list-style-type: none"> <li>RECOVERABLE</li> <li>FWDRECOVABLE</li> <li>NOTRECOVABLE</li> <li>UNDETERMINED</li> <li>NOTAPPLIC</li> </ul>									
RETLOCKS	CVDAS	INQ	DSNAME	RETLOCKS	4	LIKE	No	Retained record locks status		172
RETLOCKS Output valid values	<ul style="list-style-type: none"> <li>RETAINED</li> <li>NORETAINED</li> <li>NOTAPPLIC</li> </ul>									
VALIDITY	CVDAS	INQ	DSNAME	VALIDITY	4	LIKE	No	Data set validity status		128
VALIDITY Output valid values	<ul style="list-style-type: none"> <li>VALID</li> <li>INVALID</li> </ul>									



## Chapter 120. DSPGBL Resource Table

A CICS Resource that provides global CICS dispatcher information in an active system being managed by CICSplex SM.

The DSPGBL resource class does not provide an explicit key attribute. The set of object instances returned is a function of the scope in effect when the request is made.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSGlobalDispatcher

**Object type**

CICS Resource

**Length**

104

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0131

**CICS Commands subject to CICS Security**

INQUIRE DISPATCHER

Table 285. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

Table 286. DSPGBL resource table attributes										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		12
DSGCNT	BINARY	STAT	DFHDSGDS	DSGCNT	2	AVG	No	Current number of tasks		32
DSGEJST	INTTSTP	STAT	DFHDSGDS	DSGEJST	8	LIKE	No	Elapsed job step timing		56
DSGICVRT	BINARY	STAT	DFHDSGDS	DSGICVRT	4	AVG	Yes	Runaway task time interval (ICVR) (milliseconds)		20

Table 286. DSPGBL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
DSGICVSD	BINARY	STAT	DFHDSGDS	DSGICVSD	2	AVG	Yes	Terminal scan delay time (ICVTSD) (milliseconds)		24
DSGICVT	BINARY	STAT	DFHDSGDS	DSGICVT	4	AVG	Yes	Current region exit time (ICV) (milliseconds)		16
DSGLSTRT	TIMESTP	STAT	DFHDSGDS	DSGLSTRT	8	LIKE	No	Dispatcher start time LOCAL		48
DSGLXSCN	DATETIME	STAT	DFHDSGDS	DSGLXSCN	8	LIKE	No	Last excess TCB scan	E640 E650 E660 E670 E680	88
DSGLXSND	DATETIME	STAT	DFHDSGDS	DSGLXSND	8	LIKE	No	Last excess TCB scan - no TCB detached	E640 E650 E660 E670 E680	96
DSGMBTCH	BINARY	STAT	DFHDSGDS	DSGMBTCH	2	AVG	No	MRO batching value (MROBTCH)		30
DSGPNT	BINARY	STAT	DFHDSGDS	DSGPNT	2	AVG	No	Peak number of tasks		34
DSGPRIAG	BINARY	STAT	DFHDSGDS	DSGPRIAG	2	AVG	Yes	Priority aging value (PRTYAGE) (milliseconds)		26
DSGSRBT	INTTSTP	STAT	DFHDSGDS	DSGSRBT	8	LIKE	No	Accumulated SRB time		64
DSGSTART	TIMESTP	STAT	DFHDSGDS	DSGSTART	8	LIKE	No	Dispatcher start time GMT		40
DSGSTSKS	BINARY	STAT	DFHDSGDS	DSGSTSKS	2	AVG	No	Number of subtasks		28
DSGXSCNN	BINARY	STAT	DFHDSGDS	DSGXSCNN	4	AVG	No	Number of excess TCB scans with no TCB detached		76
DSGXSCNS	BINARY	STAT	DFHDSGDS	DSGXSCNS	4	AVG	No	Number of excess TCB scans		72
DSGXTCBD	BINARY	STAT	DFHDSGDS	DSGXTCBD	4	AVG	No	Total number of excess TCBs detached		80
FORCEQR	CVDAS	INQ	T3		4	LIKE	Yes	Quasi-reentrancy force option		84
FORCEQR Input/output valid values	<ul style="list-style-type: none"> <li>• FORCE</li> <li>• NOFORCE</li> </ul>									



## Chapter 121. DSPMODE Resource Table

A CICS Resource that provides CICS dispatcher TCB mode information in an active system being managed by CICSplex SM.

The **Primary** key field for this resource class is DSGTCBNM.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSTCBMode

### Object type

CICS Resource

### Length

144

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0132

### CICS Commands subject to CICS Security

COLLECT STATISTICS

Table 287. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 288. DSPMODE resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		12
<b>DSGTCBNM-1</b>	CHAR	STAT	DSGTCBM	DSGTCBNM	2	DIFF	TCB mode name		16
DSGACT	INTTSTP	STAT	DSGTCBM	DSGACT	8	LIKE	Total CPU time used by this TCB		112
DSGNTCBA	BINARY	STAT	DSGTCBM	DSGNTCBA	4	AVG	Number of TCB attaches		28
DSGSYSW	BINARY	STAT	DSGTCBM	DSGSYSW	4	AVG	Number of partition exits		80
DSGTCBAF	BINARY	STAT	DSGTCBM	DSGTCBAF	4	AVG	Number of TCB attach failures		32
DSGTCBAL	BINARY	STAT	DSGTCBM	DSGTCBAL	4	AVG	Number of TCBs allocated		52

Table 288. DSPMODE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
DSGTCBCA	BINARY	STAT	DSGTCBM	DSGTCBCA	4	AVG	Current number of TCBs attached		36
DSGTCBCU	BINARY	STAT	DSGTCBM	DSGTCBCU	4	AVG	Current number of TCBs used by mode		44
DSGTCBDO	BINARY	STAT	DSGTCBM	DSGTCBDO	4	AVG	Number of other detaches		68
DSGTCBDS	BINARY	STAT	DSGTCBM	DSGTCBDS	4	AVG	Number of stolen detaches		60
DSGTCBDU	BINARY	STAT	DSGTCBM	DSGTCBDU	4	AVG	Number of unclean detaches		56
DSGTCBDX	BINARY	STAT	DSGTCBM	DSGTCBDX	4	AVG	Number of excess detaches		64
DSGTCBMD	EYUDA	STAT	DSGTCBM	DSGTCBMD	4	LIKE	Open status		20
DSGTCBMD Output valid values	<ul style="list-style-type: none"> <li>• OPEN</li> <li>• NOTOPEN</li> <li>• UNKNOWN</li> </ul>								
DSGTCBMM	BINARY	STAT	DSGTCBM	DSGTCBMM	4	AVG	Number of TCB mismatches		76
DSGTCBMP	BINARY	STAT	DSGTCBM	DSGTCBMP	2	MIN	TCB mode pool number		24
DSGTCBMP Input/output valid values	<ul style="list-style-type: none"> <li>• 0 (NOTAPPLI) - Not applicable</li> <li>• 1 (OPEN) - Open</li> <li>• 2 (JVM) - JVM</li> <li>• 3 (HOTPOOL) - Hot pooling</li> <li>• 3 (XPLINK) - XPLink</li> <li>• 4 (SSL) - SSL</li> <li>• 5 (THREADED) - THREADED</li> </ul>								
DSGTCBPA	BINARY	STAT	DSGTCBM	DSGTCBPA	4	AVG	Peak number of TCBs attached		40
DSGTCBPU	BINARY	STAT	DSGTCBM	DSGTCBPU	4	AVG	Peak number of TCBs used by mode		48
DSGTCBST	BINARY	STAT	DSGTCBM	DSGTCBST	4	AVG	Number of TCB steals		72
DSGTCT	INTTSTP	STAT	DSGTCBM	DSGTCT	8	LIKE	CPU time used by this TCB for dispatcher task		104
DSGTD	INTTSTP	STAT	DSGTCBM	DSGTD	8	LIKE	Total of real time TCB has been dispatched by MVS		96
DSGTMDQ	AVERAGE3	STAT	DSGTCBM	DSGTMDQ	4	LIKE	Dispatchable Queue - Average	E640 E650 E660 E670 E680	136
DSGTCDQ	BINARY	STAT	DSGTCBM	DSGTCDQ	4	LIKE	Dispatchable Queue - Current	E640 E650 E660 E670 E680	124
DSGTMPDQ	BINARY	STAT	DSGTCBM	DSGTMPDQ	4	LIKE	Dispatchable Queue - Peak	E640 E650 E660 E670 E680	128
DSGTWT	INTTSTP	STAT	DSGTCBM	DSGTWT	8	LIKE	Real time CICS spent in MVS wait		88
TCBPOOLN	EYUDA	CPSM			4	LIKE	TCB mode pool name		120

Table 288. DSPMODE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
TCBPOOLN Output valid values	<ul style="list-style-type: none"> <li>• N_A</li> <li>• OPEN</li> <li>• JVM</li> <li>• HOTPOOL</li> <li>• XPLINK</li> <li>• SSL</li> <li>• THREADED</li> </ul>								



## Chapter 122. DSPPOOL Resource Table

A CICS Resource that provides CICS dispatcher TCB pool information in an active system being managed by CICSplex SM.

The **Primary** key field for this resource class is POOLNAME.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSTCBPool

### Object type

CICS Resource

### Length

144

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0133

### CICS Commands subject to CICS Security

INQUIRE DISPATCHER

Table 289. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

Table 290. DSPPOOL resource table attributes										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		12
<b>POOLNAME-1</b>	CHAR	CPSM			12	DIFF	No	TCB pool name		76
DSGCMMWS	BINARY	STAT	DSGTCBP	DSGCMMWS	4	AVG	No	Current TCB Mismatch waits		112
DSGCMMWT	INTTSTP	STAT	DSGTCBP	DSGTOTMW	8	LIKE	No	Current TCB Mismatch wait time		104
DSGCNUAT	BINARY	STAT	DSGTCBP	DSGCNUAT	4	AVG	No	Current number of TCBs attached		24

Table 290. DSPPool resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
DSGCNUUS	BINARY	STAT	DSGTCBP	DSGCNUUS	4	AVG	No	Current number of TCBs in use		32
DSGCURNW	BINARY	STAT	DSGTCBP	DSGCURNW	4	AVG	No	Current number of tasks waiting for TCB		68
DSGCURWT	INTTSTP	STAT	DSGTCBP	DSGCURWT	8	LIKE	No	Current waiting time at TCB limit		56
DSGLTCBL	DATETIME	STAT	DSGTCBP	DSGLTCBL	8	LIKE	No	Time Max TCB Pool Limit last reached	E640 E650 E660 E670 E680	136
DSGMMWTM	INTTSTP	STAT	DSGTCBP	DSGMMWTM	8	LIKE	No	Total TCB Mismatch wait time		96
DSGMMWTS	BINARY	STAT	DSGTCBP	DSGMMWTS	4	AVG	No	Total TCB Mismatch waits		88
DSGMXTCB	BINARY	STAT	DSGTCBP	DSGMXTCB	4	AVG	Yes	Maximum number of TCBs		20
DSGNTCBL	BINARY	STAT	DSGTCBP	DSGNTCBL	4	AVG	No	Number of times at pool limit		40
DSGPEANW	BINARY	STAT	DSGTCBP	DSGPEANW	4	AVG	No	Peak number of tasks waiting for TCB		72
DSGPMWWS	BINARY	STAT	DSGTCBP	DSGPMWWS	4	AVG	No	Peak TCB Mismatch waits		116
DSGPNUAT	BINARY	STAT	DSGTCBP	DSGPNUAT	4	AVG	No	Peak number of TCBs attached		28
DSGPNUUS	BINARY	STAT	DSGTCBP	DSGPNUUS	4	AVG	No	Peak number of TCBs in use		36
DSGTCBPN	BINARY	STAT	DSGTCBP	DSGTCBPN	2	AVG	No	TCB pool number		16
DSGTOTMT	INTTSTP	STAT			8	AVG	No	Total MVS storage wait time		120
DSGTOTMW	BINARY	STAT			4	AVG	No	Total number of MVS storage waiters		128
DSGTOTNW	BINARY	STAT	DSGTCBP	DSGTOTNW	4	AVG	No	Total number of waits		64
DSGTOTWL	INTTSTP	STAT	DSGTCBP	DSGTOTWL	8	LIKE	No	Total waiting time at TCB limit		48

## Chapter 123. DTRINGRP Resource Table

A CPSM Workload Manager definition that describes a dynamic transaction used in a workload. Only transactions that have workload separation or affinity relationships need to be defined.

The **Primary** key field for this resource class is TRANGRP.

The **Secondary** key field for this resource class is TRANID.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTransactionInGroup

**Object type**

CICSplex SM Definition

**Length**

56

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt5379

**Security Class**

WORKLOAD.DEF

Table 291. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 292. DTRINGRP FEEDBACK error codes		
Value	Code	Description
1	DTRINGRP_INV_DATA	Attribute data invalid
2	DTRINGRP_REC_NOT_FOUND	Requested resource not found
3	DTRINGRP_INV_REFERENCE	Attribute references an invalid resource
4	DTRINGRP_REC_EXISTS	Resource already exists
21	DTRINGRP_TRANID_NOT_UNIQUE	Transaction ID not unique

Table 293. DTRINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
TRANGRP-1	CHAR	CPSM	8	Yes	DIFF	Transaction group	36
TRANID-2	CHAR	CPSM	8	Yes	DIFF	Transaction	44
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> </ul>						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification userid	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16
PCONV	EYUDA	CPSM	4	Yes	LIKE	Pseudo-conversational mode	52
PCONV Input/output valid values	<ul style="list-style-type: none"> <li>START</li> <li>END</li> <li>N_A</li> </ul>						



## Chapter 124. EACTNTFN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EACTNTFN is emitted when an operation change against a Real Time Analysis generated external notification occurs.

### Object type

CICSplex SM Notification

### Length

200

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2527

Table 294. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 295. EACTNTFN resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTDEF	CHAR	CPSM	8	LIKE	Action name	32
ACTION	BINARY	CPSM	1	LIKE	Control action	42
ACTION Input/output valid values	<ul style="list-style-type: none"><li>1 (CREATE) - Create external ntfn</li><li>2 (UPDATE) - Update external ntfn</li><li>3 (REMOVE) - Remove external ntfn</li><li>4 (RESOLVED) - External ntfn resolved</li></ul>					
ACTNAME	CHAR	CPSM	8	LIKE	External event name	24
ACTNTIME	TIMESTP	CPSM	8	LIKE	Local time at which this action occurred	192
DEFTYPE	BINARY	CPSM	1	LIKE	Action reference type	41
DEFTYPE Input/output valid values	<ul style="list-style-type: none"><li>1 (SAM) - RTASAM sensed condition</li><li>2 (APM) - APM RTADEF True transition</li><li>3 (MRM) - MRM true transition</li></ul>					
KEY	CHAR	CPSM	134	LIKE	Resource key	56
NTFNTYPE	BIT	CPSM	1	LIKE	Type of external notification	40

Table 295. EACTNTFN resource table attributes (continued)						
Name	Datatype	Source	Len	Sum	Description	Offset
NTFNTYPE Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (EVENT) - CPSM Event</li> <li>• 64 (EXTMSG) - External Message</li> <li>• 32 (ALERT) - SNA Alert</li> </ul>					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0
RESTYPE	CHAR	CPSM	8	LIKE	Resource type	48
SCOPE	CHAR	CPSM	8	LIKE	Scope target	8
SEVERITY	EYUDA	CPSM	4	LIKE	Current severity	44
SEVERITY Output valid values	<ul style="list-style-type: none"> <li>• VLS</li> <li>• LS</li> <li>• LW</li> <li>• HW</li> <li>• HS</li> <li>• VHS</li> </ul>					
SPEC	CHAR	CPSM	8	LIKE	RTA or analysis point specification name	16

## Chapter 125. ECSYSCHG Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ECSYSCHG is emitted by a Topology control object when a CICS system definition is created, updated, or removed.

### Object type

CICSplex SM Notification

### Length

24

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2518

Table 296. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 297. ECSYSCHG resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	BINARY	CPSM	1	LIKE	Action	16
ACTION Input/output valid values	<ul style="list-style-type: none"><li>1 (CSYSADD) - CICS System Add</li><li>2 (CSYSUPD) - CICS System Update</li><li>3 (CSYSREM) - CICS System Remove</li></ul>					
CICSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
CICSplex	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 126. EJCINGRP Resource Table

A CICSplex SM Business Application Services Definition that describes the membership of a CorbaServer definition (EJCODEF) in a resource group (RESGROUP). An EJCODEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is EJCGROUP.

The **Secondary** key field for this resource class is EJCNAME.

The **Tertiary** key field for this resource class is EJCVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6176

### Security Class

BAS.DEF

Table 298. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 299. EJCINGRP FEEDBACK error codes		
Value	Code	Description
1	EJCINGRP_INV_DATA	Attribute data invalid
2	EJCINGRP_REC_NOT_FOUND	Requested resource not found
4	EJCINGRP_REC_EXISTS	Resource already exists
6	EJCINGRP_INV_RESTYPE	Invalid resource type
7	EJCINGRP_INV_VER	Invalid resource version
11	EJCINGRP_NON_MP	Maintenance point CMAS not available

Table 299. EJCINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	EJCINGRP_INV_CONTEXT	Context not found
21	EJCINGRP_INCONSISTENT_SET	Inconsistent set
22	EJCINGRP_DIFF_VERSION	Different version
23	EJCINGRP_INV_NAME	Invalid name
24	EJCINGRP_INV_MINNAME	Invalid minor name

Table 300. EJCINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
EJCGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
EJCNAME-2	CHAR	CPSM	8	Yes	DIFF	CorbaServer definition name	44
EJCVER-3	BINARY	CPSM	1	Yes	AVG	CorbaServer definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

## Chapter 127. EJCUBEAN Resource Table

A CICS Resource that describes an Enterprise Bean object in a CorbaServer being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is BEANNAME.

There are no actions supported against it.

### External resource name(CMCI)

CICSBeansInCorbaServer

### Object type

CICS Resource

### Length

312

### Usage

API, WUI, CICS Management Client Interface(CMCI)

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0110

### CICS Commands subject to CICS Security

INQUIRE BEAN

Table 301. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 302. EJCUBEAN resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
NAME-1	CHAR	INQ	BEAN	CORBASERVER	4	DIFF	CorbaServer name	16
BEANNAME-2	CHAR	INQ	BEAN	BEAN	240	DIFF	Enterprise bean name	20
BEANACTIVATE	BINARY	STAT	DFHEJBDS	EJB_BEAN_ACTIVATIONS	4	AVG	Number of Bean state Activates	292
BEANCREATES	BINARY	STAT	DFHEJBDS	EJB_BEAN_CREATES	4	AVG	Number of Bean Creates	300

Table 302. EJCOWEAN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
BEANMETHCALL	BINARY	STAT	DFHEJBDS	EJB_BEAN_METH OD_CALLS	4	AVG	Number of Bean Method calls	308
BEANPASSIVAT	BINARY	STAT	DFHEJBDS	EJB_BEAN_PASSI VATIONS	4	AVG	Number of Bean state Passivates	296
BEANREMOVES	BINARY	STAT	DFHEJBDS	EJB_BEAN_REMO VES	4	AVG	Number of Bean Removes	304
DJAR	CHAR	INQ			32	DIFF	CICS-deployed JAR file	260



# Chapter 128. EJCODEF Resource Table

A CICS Definition that describes a CorbaServer.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following action is supported:

**INSTALL**

Install a CorbaServer definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionCorbaServer

**Object type**

CICS Definition

**Length**

1344

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3831

**CICS Commands subject to CICS Security**

INQUIRE CORBASERVER

Table 303. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Table 303. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 304. EJCODEF FEEDBACK error codes		
Value	Code	Description
1	EJCODEF_INV_DATA	Attribute data invalid
2	EJCODEF_REC_NOT_FOUND	Requested resource not found
4	EJCODEF_REC_EXISTS	Resource already exists
5	EJCODEF_REC_CHANGED	Resource definition already changed
6	EJCODEF_INV_RESTYPE	Invalid resource type
7	EJCODEF_INV_VER	Invalid resource version
11	EJCODEF_NON_MP	Maintenance point CMAS not available
12	EJCODEF_INV_CONTEXT	Context not found
13	EJCODEF_INCONSISTENT_SET	Inconsistent set condition
14	EJCODEF_INV_RESGROUP	Resource group not found
21	EJCODEF_INV_ACTION	Invalid action
22	EJCODEF_INV_RECADDR	Invalid record address
23	EJCODEF_INV_RECLEN	Invalid record length
24	EJCODEF_DIFF_VERSION	Different version
25	EJCODEF_EARLY_NAMELIST_END	Early name list end
26	EJCODEF_INV_NAMELIST	Invalid name list
27	EJCODEF_INV_NAME	Invalid name
28	EJCODEF_INV_MINNAME	Invalid minor name
29	EJCODEF_NOTIFY	Notify
30	EJCODEF_PARTIAL_INSTALL	Partial install

Table 304. EJCODEF FEEDBACK error codes (continued)

Value	Code	Description
31	EJCODEF_NOTHING_INSTALLED	Nothing installed
32	EJCODEF_NO_TARGETS	No targets
33	EJCODEF_NO_RELATED	No related systems
34	EJCODEF_INV_TSCOPE	Invalid target scope
35	EJCODEF_INV_RSCOPE	Invalid related scope
36	EJCODEF_INV_USAGE	Invalid usage
37	EJCODEF_INV_MODE	Invalid mode
38	EJCODEF_INV_STATECHK	Invalid state check
39	EJCODEF_INV_FORCEINS	Invalid force install
40	EJCODEF_INV_NOTIFY	Invalid notify
41	EJCODEF_INV_OVERTYPE	Invalid over type
42	EJCODEF_INV_OVRBLOCK	Invalid override block
43	EJCODEF_INV_ORSTRING	Invalid override string
44	EJCODEF_INV_STRNGTERM	Invalid string term
45	EJCODEF_INV_EMBEDTERM	Invalid embedded terminator
46	EJCODEF_INV_ATTRIBUTE	Invalid attribute
47	EJCODEF_INV_LITERAL	Invalid literal
48	EJCODEF_INV_ORSTGNA	Invalid override string
49	EJCODEF_SCOPE_REQUIRED	Scope required
50	EJCODEF_USAGE_CONFLICT	Usage conflict
51	EJCODEF_NODEFS_SELECTED	No definitions selected
52	EJCODEF_MORE_THAN_1_RELSYS	More than one related system
53	EJCODEF_MISSING_RELSYSID	Missing related system identifier
54	EJCODEF_SCOPE_CONFLICT	Scope conflict
55	EJCODEF_NOT_SUPPORTED	Attribute obsolete and unsupported
56	EJCODEF_INV_CSDGROUP	Invalid CSD group
57	EJCODEF_REC_NOT_REMOVED	Record not removed
58	EJCODEF_INV_RESOURCE	Invalid resource
59	EJCODEF_INV_CICS_RESTYPE	Invalid CICS restype
60	EJCODEF_PARTIAL_ACTION	Partial action
61	EJCODEF_NOTHING_ACTIONED	Nothing actioned
62	EJCODEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
63	EJCODEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
67	EJCODEF_CSD_ERROR	CSD access error

Table 305. EJCODEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	1332
ASSERTED	CHAR	CPSM	8	No	DIFF	TCP/IP service for Asserted Identity protocol				1260
AUTOPUBLISH	EYUDA	CPSM	4	Yes	LIKE	Auto publish beans to Java naming directory (JNDI)	NO			1228
AUTOPUBLISH Input/ output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• YES</li> </ul>									
CERTIFICATE	CHAR	CPSM	56	No	DIFF	Secure sockets layer (SSL) client certificate				917
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CIPHERS	CHAR	CPSM	56	No	LIKE	SSL cipher suite codes				1272
CLIENTCERT	CHAR	CPSM	8	No	DIFF	TCP/IP service for client certificated protocol				1240
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				40
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		1328
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				72
DJARDIR	CHAR	CPSM	25 5	No	DIFF	CICS-deployed JAR file pickup directory				973
HOST	CHAR	CPSM	25 5	Yes	DIFF	TCP/IP host address				662
JNDIPREFIX	CHAR	CPSM	25 5	No	DIFF	Java naming directory (JNDI) prefix				146
OUTPRIVACY	CVDAS	CPSM	4	No	LIKE	Outbound privacy	SUPPORTED		E640 +	1268
OUTPRIVACY Input/ output valid values	<ul style="list-style-type: none"> <li>• REQUIRED</li> <li>• SUPPORTED</li> <li>• NOTSUPPORTED</li> </ul>									
PORT	CHAR	CPSM	5	No	DIFF	TCP/IP port number		1-65535	E620 +	136
SESSBEANTIME	CHAR	CPSM	6	Yes	DIFF	Session bean timeout (DDHHMM)	000010			401
SHELF	CHAR	CPSM	25 5	No	DIFF	zSeries File System (zFS) shelf directory	/var/cicsts			407
SSL	EYUDA	CPSM	4	No	LIKE	Secure socket layer (SSL) usage	NO		E620 +	132

Table 305. EJCODEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
SSL Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• CLIENTCERT</li> </ul>									
SSLPORT	CHAR	CPSM	5	No	DIFF	Secure socket layer (SSL) port number		1-65535	E620 +	141
SSLPORT Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> </ul>									
SSLUNAUTH	CHAR	CPSM	8	No	DIFF	TCP/IP service for SSL AUTHENTICATE=NO protocol				1248
STATUS	CVDAS	CPSM	4	Yes	LIKE	Status	ENABLED			1256
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>									
UNAUTH	CHAR	CPSM	8	Yes	DIFF	TCP/IP service for unauthenticated protocol				1232
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				48
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				56
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				64



# Chapter 129. EJCOSSE Resource Table

A CICS Resource that describes a CorbaServer object being managed by CICSplex SM. This resource is not supported in CICS TS 5.1 and later versions.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**PUBLISH**

Publish the Corbaserver to the JNDI directory.

**RETRACT**

Retract the CorbaServer from the JNDI directory.

**DISCARD**

Discard the CorbaServer from its associated MAS.

**External resource name(CMCI)**

CICSCorbaServer

**Object type**

CICS Resource

**Length**

1344

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0108

**CICS Commands subject to CICS Security**

INQUIRE CORBASERVER

Table 306. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	PUBLISH	None	N/A
	RETRACT	None	N/A
	DISCARD	None	N/A
	SCAN	None	N/A

Table 307. EJCOS resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
NAME-1	CHAR	INQ	CORBASERVER	CORBASERVER	4	DIF F	No	CorbaServer name			16
ASSERTED	CHAR	INQ	CORBASERVER	ASSERTED	8	DIF F	No	TCP/IP service for Asserted Identity protocol			1160
AUTOPUBLISH	CVDAS	INQ	CORBASERVER	AUTOPUBLISH	4	LIKE	Yes	Auto publish beans to Java naming directory (JNDI)	NOAUTO		1116
AUTOPUBLISH Input/output valid values	<ul style="list-style-type: none"> <li>AUTOPUB</li> <li>NOAUTO</li> </ul>										
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	1292
CERTIFICATE	CHAR	INQ	CORBASERVER	CERTIFICATE	56	DIF F	No	Secure sockets layer (SSL) client certificate			550
CHANGEAGENT	CVDAS	INQ	CORBASERVER	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650	1232
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>CSDAPI</li> <li>CSDBATCH</li> <li>DREPAPI</li> <li>DREPBATCH</li> <li>CREATESPI</li> <li>NOTAPPLIC</li> </ul>										
CHANGEAGREL	CHAR	INQ	CORBASERVER	CHANGEAGREL	4	DIF F	No	Last modification agent release		E640 E650	1244
CHANGETIME	DATETIME	INQ	CORBASERVER	CHANGETIME	8	MAX	No	Last modification time		E640 E650	1248
CHANGEUSRID	CHAR	INQ	CORBASERVER	CHANGEUSRID	8	DIF F	No	Last modification user ID		E640 E650	1236
CIPHERS	CHAR	INQ	CORBASERVER	CIPHERS	56	LIKE	No	SSL cipher suite codes			1172
CLIENTCERT	CHAR	INQ	CORBASERVER	CLIENTCERT	8	DIF F	No	TCP/IP service for client certificated protocol			1128
DEFINESOURCE	CHAR	INQ	CORBASERVER	DEFINESOURCE	8	DIF F	No	Source of the resource definition		E640 E650	1256
DEFINETIME	DATETIME	INQ	CORBASERVER	DEFINETIME	8	MAX	No	Creation time		E640 E650	1264
DJARDIR	CHAR	INQ	CORBASERVER	DJARDIR	255	DIF F	No	CICS-deployed JAR file pickup directory			861
ENABLESTATUS	CVDAS	INQ	CORBASERVER	ENABLESTATUS	4	LIKE	Yes	CorbaServer status			1144
ENABLESTATUS Input/output valid values	<ul style="list-style-type: none"> <li>ENABLED</li> <li>DISABLED</li> </ul>										
ENABLESTATUS Output valid values	<ul style="list-style-type: none"> <li>ENABLING</li> <li>DISABLING</li> <li>DISCARDING</li> </ul>										



Table 307. EJCOSSE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
FAILACTIVATE	BINARY	STAT	DFHEJRDS	EJR_FAILED_ACTIVATES	4	AVG	No	Number of Failed Activates			1156
HOST	CHAR	INQ	CORBASERVER	HOST	255	DIF	No	Host name or IP address			295
HOSTTYPE	CVDAS	INQ	CORBASERVER	HOSTTYPE	4	LIKE	No	The format of the host name or address		E640E650	1336
HOSTTYPE Output valid values	<ul style="list-style-type: none"> <li>• HOSTNAME</li> <li>• IPV4</li> <li>• IPV6</li> <li>• NOTAPPLIC</li> </ul>										
INSTALLAGENT	CVDAS	INQ	CORBASERVER	INSTALLAGENT	4	LIKE	No	Installation agent		E640E650	1288
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• GRPLIST</li> </ul>										
INSTALLTIME	DATETIME	INQ	CORBASERVER	INSTALLTIME	8	MAX	No	Installation time		E640E650	1280
INSTALLUSRID	CHAR	INQ	CORBASERVER	INSTALLUSRID	8	DIF	No	Installation user ID		E640E650	1272
IPFAMILY	CVDAS	INQ	CORBASERVER	IPFAMILY	4	LIKE	No	The format of the resolved IP address		E640E650	1332
IPFAMILY Output valid values	<ul style="list-style-type: none"> <li>• IPV4</li> <li>• IPV6</li> <li>• UNKNOWN</li> </ul>										
IPRESOLVED	CHAR	INQ	CORBASERVER	IPRESOLVED	39	DIF	No	The resolved address of this CORBA server		E640E650	1293
JNDIPREFIX	CHAR	INQ	CORBASERVER	JNDIPREFIX	255	DIF	No	Java naming directory (JNDI) prefix			40
NUMCIPHERS	BINARY	INQ	CORBASERVER	NUMCIPHERS	2	LIKE	No	Number of SSL cipher suite codes			1228
OBJACTIVATES	BINARY	STAT	DFHEJRDS	EJR_OBJECT_ACTIVATES	4	AVG	No	Number of Object Activates			1148
OBJSTORES	BINARY	STAT	DFHEJRDS	EJR_OBJECT_STORES	4	AVG	No	Number of Object Stores			1152
OUTPRIVACY	CVDAS	INQ	CORBASERVER	OUTPRIVACY	4	LIKE	No	Outbound privacy			1168
OUTPRIVACY Input/output valid values	<ul style="list-style-type: none"> <li>• REQUIRED</li> <li>• SUPPORTED</li> <li>• NOTSUPPORTED</li> </ul>										
PORT	BINARY	INQ	CORBASERVER	PORT	4	AVG	No	TCP/IP port number		E620+	32
SESSBEANTIME	BINARY	INQ	CORBASERVER	SESSBEANTIME	4	AVG	Yes	Session bean timeout (minutes)			20
SHELF	CHAR	INQ	CORBASERVER	SHELF	255	DIF	No	zSeries File System (zFS) shelf directory			606
SSL	CVDAS	INQ	CORBASERVER	SSLTYPE	4	LIKE	No	Secure sockets layer (SSL) usage	NOSSL	E620+	24
SSL Output valid values	<ul style="list-style-type: none"> <li>• NOSSL</li> <li>• SSL</li> <li>• CLIENTCERT</li> </ul>										

Table 307. EJCOSE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
SSLPORT	BINARY	INQ	CORBASERVER	SSLPORT	4	AVG	No	Secure sockets layer (SSL) port number		E620+	36
SSLUNAUTH	CHAR	INQ	CORBASERVER	SSLUNAUTH	8	DIFF	No	TCP/IP service for SSL AUTHENTICATE=NO protocol			1136
STATE	CVDAS	INQ	CORBASERVER	STATE	4	LIKE	No	CorbaServer state usage	UNUSABLE	E630+	28
STATE Output valid values	<ul style="list-style-type: none"> <li>INITING</li> <li>INSERVICE</li> <li>PENDINIT</li> <li>PENDRESOLVE</li> <li>UNRESOLVED</li> <li>UNUSABLE</li> <li>DISCARDING</li> <li>RESOLVING</li> </ul>										
UNAUTH	CHAR	INQ	CORBASERVER	UNAUTH	8	DIFF	No	TCP/IP service for unauthenticated protocol			1120

## Chapter 130. EJDINGRP Resource Table

A CICSplex SM Business Application Services Definition that describes the membership of a CICS-deployed JAR file definition (EJDJDEF) in a resource group (RESGROUP). An EJDJDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is EJDGROUP.

The **Secondary** key field for this resource class is EJDNAME.

The **Tertiary** key field for this resource class is EJDVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6177

### Security Class

BAS.DEF

Table 308. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 309. EJDINGRP FEEDBACK error codes		
Value	Code	Description
1	EJDINGRP_INV_DATA	Attribute data invalid
2	EJDINGRP_REC_NOT_FOUND	Requested resource not found
4	EJDINGRP_REC_EXISTS	Resource already exists
6	EJDINGRP_INV_RESTYPE	Invalid resource type
7	EJDINGRP_INV_VER	Invalid resource version
11	EJDINGRP_NON_MP	Maintenance point CMAS not available

Table 309. EJDINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	EJDINGRP_INV_CONTEXT	Context not found
21	EJDINGRP_INCONSISTENT_SET	Inconsistent set
22	EJDINGRP_DIFF_VERSION	Different version
23	EJDINGRP_INV_NAME	Invalid name
24	EJDINGRP_INV_MINNAME	Invalid minor name

Table 310. EJDINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
<b>EJDGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
<b>EJDNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	CICS-deployed JAR file definition name	44
<b>EJDVER-3</b>	BINARY	CPSM	1	Yes	AVG	CICS-deployed JAR file definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 131. EJDJAR Resource Table

A CICS Resource that describes a CICS-deployed JAR file object being managed by CICSplex SM. This resource is not supported in CICS TS 5.1 and later versions.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**PUBLISH**

Publish the CICS-deployed JAR file to the JNDI directory.

**RETRACT**

Retract the CICS-deployed JAR file from the JNDI directory.

**DISCARD**

Discard the CICS-deployed JAR file from the JNDI directory.

**External resource name(CMCI)**

CICSDeployedJARFile

**Object type**

CICS Resource

**Length**

384

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0109

**CICS Commands subject to CICS Security**

INQUIRE DJAR

Table 311. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	PUBLISH	None	N/A
	RETRACT	None	N/A
	DISCARD	None	N/A

Table 312. EJDJAR resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name			0

Table 312. EJDJAR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Inval id	Offset
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved			12
NAME-1	CHAR	INQ	DJAR	DJAR	32	DIFF	CICS-deployed JAR file			16
BASDEFINEVER	BINARY	CPSM			1	AVG	BAS resource definition version	0	E640 E650	380
CHANGEAGENT	CVDAS	INQ	DJAR	CHANGEAGENT	4	LIKE	Last modification agent		E640 E650	320
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• DREPBATCH</li> <li>• DYNAMIC</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>									
CHANGEAGREL	CHAR	INQ	DJAR	CHANGEAGREL	4	DIFF	Last modification agent release		E640 E650	332
CHANGETIME	DATETIME	INQ	DJAR	CHANGETIME	8	MAX	Last modification time		E640 E650	336
CHANGEUSRID	CHAR	INQ	DJAR	CHANGEUSRID	8	DIFF	Last modification user ID		E640 E650	324
CORBASERVER	CHAR	INQ	DJAR	CORBASERVER	4	DIFF	CorbaServer name			48
DEFINESOURCE	CHAR	INQ	DJAR	DEFINESOURCE	8	DIFF	Source of the resource definition		E640 E650	344
DEFINETIME	DATETIME	INQ	DJAR	DEFINETIME	8	MAX	Creation time		E640 E650	352
HFSFILE	CHAR	INQ	DJAR	HFSFILE	255	DIFF	zSeries File System (zFS) path			56
INSTALLAGENT	CVDAS	INQ	DJAR	INSTALLAGENT	4	LIKE	Installation agent		E640 E650	376
INSTALLAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• DYNAMIC</li> <li>• GRPLIST</li> </ul>									
INSTALLTIME	DATETIME	INQ	DJAR	INSTALLTIME	8	MAX	Installation time		E640 E650	368
INSTALLUSRID	CHAR	INQ	DJAR	INSTALLUSRID	8	DIFF	Installation user ID		E640 E650	360
LASTMODTIME	DATETIME	INQ	DJAR	LASTMODTIME	8	MAX	Time the DJAR was last modified			312
STATE	CVDAS	INQ	DJAR	STATE	4	LIKE	CICS-deployed JAR file status	UNUSABLE		52
STATE Output valid values	<ul style="list-style-type: none"> <li>• INITING</li> <li>• INSERVICE</li> <li>• PENDINIT</li> <li>• PENDRESOLVE</li> <li>• UNRESOLVED</li> <li>• UNUSABLE</li> <li>• DISCARDING</li> <li>• RESOLVING</li> </ul>									

# Chapter 132. EJDJBAN Resource Table

A CICS Resource that describes an Enterprise Bean object in a CICS-deployed JAR file being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is BEANNAME.

The **Tertiary** key field for this resource class is CORBASERVER.

There are no actions supported against it.

**External resource name(CMCI)**

CICSBeansInDeployedJARFile

**Object type**

CICS Resource

**Length**

312

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0112

**CICS Commands subject to CICS Security**

INQUIRE BEAN

Table 313. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 314. EJDJBAN resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
NAME-1	CHAR	INQ			32	DIFF	CICS-deployed JAR file	16
BEANNAME-2	CHAR	INQ	BEAN	BEAN	240	DIFF	Enterprise bean name	48
CORBASERVER-3	CHAR	INQ	BEAN	CORBASERVER	4	DIFF	CorbaServer name	288
BEANACTIVATE	BINARY	STAT	DFHEJBDS	EJB_BEAN_ACTIVATIONS	4	AVG	Number of Bean state Activates	292

Table 314. EJDJBEAN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
BEANCREATES	BINARY	STAT	DFHEJBDS	EJB_BEAN_CREATES	4	AVG	Number of Bean Creates	300
BEANMETHCALL	BINARY	STAT	DFHEJBDS	EJB_BEAN_METHOD_CALLS	4	AVG	Number of Bean Method calls	308
BEANPASSIVAT	BINARY	STAT	DFHEJBDS	EJB_BEAN_PASSIVATIONS	4	AVG	Number of Bean state Passivates	296
BEANREMOVES	BINARY	STAT	DFHEJBDS	EJB_BEAN_REMOVES	4	AVG	Number of Bean Removes	304



# Chapter 133. EJDJDEF Resource Table

A CICS Definition that describes a CICS-deployed JAR file.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Secondary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a CICS-deployed JAR file definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionDeployedJARFile

**Object type**

CICS Definition

**Length**

408

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3832

**CICS Commands subject to CICS Security**

INQUIRE DJAR

Table 315. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Table 315. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 316. EJDJDEF FEEDBACK error codes		
Value	Code	Description
1	EJDJDEF_INV_DATA	Attribute data invalid
2	EJDJDEF_REC_NOT_FOUND	Requested resource not found
4	EJDJDEF_REC_EXISTS	Resource already exists
5	EJDJDEF_REC_CHANGED	Resource definition already changed
6	EJDJDEF_INV_RESTYPE	Invalid resource type
7	EJDJDEF_INV_VER	Invalid resource version
11	EJDJDEF_NON_MP	Maintenance point CMAS not available
12	EJDJDEF_INV_CONTEXT	Context not found
13	EJDJDEF_INCONSISTENT_SET	Inconsistent set condition
14	EJDJDEF_INV_RESGROUP	Resource group not found
21	EJDJDEF_INV_ACTION	Invalid action
22	EJDJDEF_INV_RECADDR	Invalid record address
23	EJDJDEF_INV_RECLEN	Invalid record length
24	EJDJDEF_DIFF_VERSION	Different version
25	EJDJDEF_EARLY_NAMELIST_END	Early name list end
26	EJDJDEF_INV_NAMELIST	Invalid name list
27	EJDJDEF_INV_NAME	Invalid name
28	EJDJDEF_INV_MINNAME	Invalid minor name
29	EJDJDEF_NOTIFY	Notify
30	EJDJDEF_PARTIAL_INSTALL	Partial install

Table 316. EJDJDEF FEEDBACK error codes (continued)

Value	Code	Description
31	EJDJDEF_NOTHING_INSTALLED	Nothing installed
32	EJDJDEF_NO_TARGETS	No targets
33	EJDJDEF_NO_RELATED	No related systems
34	EJDJDEF_INV_TSCOPE	Invalid target scope
35	EJDJDEF_INV_RSCOPE	Invalid related scope
36	EJDJDEF_INV_USAGE	Invalid usage
37	EJDJDEF_INV_MODE	Invalid mode
38	EJDJDEF_INV_STATECHK	Invalid state check
39	EJDJDEF_INV_FORCEINS	Invalid force install
40	EJDJDEF_INV_NOTIFY	Invalid notify
41	EJDJDEF_INV_OVERTYPE	Invalid oertype
42	EJDJDEF_INV_OVRBLOCK	Invalid override block
43	EJDJDEF_INV_ORSTRING	Invalid override string
44	EJDJDEF_INV_STRNGTERM	Invalid string terminator
45	EJDJDEF_INV_EMBEDTERM	Invalid embedded terminator
46	EJDJDEF_INV_ATTRIBUTE	Invalid attribute
47	EJDJDEF_INV_LITERAL	Invalid literal
48	EJDJDEF_INV_ORSTGNA	Invalid override string
49	EJDJDEF_SCOPE_REQUIRED	Scope required
50	EJDJDEF_USAGE_CONFLICT	Usage conflict
51	EJDJDEF_NODEFS_SELECTED	No definitions selected
52	EJDJDEF_MORE_THAN_1_RELSYS	More than one related system
53	EJDJDEF_MISSING_RELSYSID	Missing related system identifier
54	EJDJDEF_SCOPE_CONFLICT	Scope conflict
55	EJDJDEF_INV_CSDGROUP	Invalid CSD group
56	EJDJDEF_REC_NOT_REMOVED	Record not removed
57	EJDJDEF_INV_RESOURCE	Invalid resource
58	EJDJDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	EJDJDEF_PARTIAL_ACTION	Partial action
60	EJDJDEF_NOTHING_ACTIONED	Nothing actioned
61	EJDJDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	EJDJDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	EJDJDEF_CSD_ERROR	CSD access error

Table 317. EJDJDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	396
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CORBASERVER	CHAR	CPSM	4	Yes	DIFF	CorbaServer name				130
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				40
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		392
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				72
HFSFILE	CHAR	CPSM	25 5	Yes	DIFF	zSeries File System (zFS) path				134
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				48
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				56
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				64

# Chapter 134. ELSIGNAL Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EL SIGNAL is emitted by a local MAS agent when an SVCDUMP is about to be taken. The SVCDUMP completion is noted by an EMASWELL notification.

**Object type**

CICSplex SM Notification

**Length**

48

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2568

Table 318. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 319. ELSIGNAL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
DUMPCODE	CHAR	CPSM	8	LIKE	SVC dump dumpcode	17
DUMPTERM	CHAR	CPSM	4	LIKE	SVC dump terminal ID	37
DUMPTRAN	CHAR	CPSM	4	LIKE	SVC dump transaction ID	33
DUMPUSER	CHAR	CPSM	8	LIKE	SVC dump user ID	25
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0
SIGTYPE	BINARY	CPSM	1	LIKE	Local signal type	16
SIGTYPE Input/output valid values	<ul style="list-style-type: none"><li>1 (LOWEST) - Lowest Signal Type</li><li>1 (SVCDUMP) - MAS is issuing an SVC Dump</li><li>1 (HIGHEST) - Highest Signal Type</li></ul>					



## Chapter 135. EMASJOIN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMASJOIN is emitted by a Topology control object when a CICS system connects to another CMAS managing the CICSplex SM.

### Object type

CICSplex SM Notification

### Length

176

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2405

Table 320. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 321. EMASJOIN resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
CECNAME	CHAR	CPSM	8	LIKE	CEC name	156
CMASNAME	CHAR	CPSM	8	LIKE	CMAS name	0
CSYSAPPL	CHAR	CPSM	8	LIKE	VTAM application ID	111
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	16
DAYLGHTSV	EYUDA	CPSM	4	LIKE	Daylight saving time in effect	132
DAYLGHTSV Output valid values	<ul style="list-style-type: none"><li>• YES</li><li>• NO</li></ul>					
DESC	CHAR	CPSM	58	DIFF	Description	53
DYNROUTE	BINARY	CPSM	1	LIKE	Dynamic routing mode	49
DYNROUTE Input/output valid values	<ul style="list-style-type: none"><li>• 1 (ACTIVE) - Routing active</li><li>• 2 (SUSPEND) - Routing suspended</li></ul>					
DYNTYPE	CHAR	CPSM	3	LIKE	Dynamic routing type	50
JOBNAME	CHAR	CPSM	8	LIKE	MAS job name	148
MASSTART	TIMESTP	CPSM	8	LIKE	MAS start time	120

Table 321. EMASJOIN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
MON_SPEC	CHAR	CPSM	8	LIKE	Monitor specification name	24
MVSNAME	CHAR	CPSM	4	LIKE	MVS system name	144
OPSYSREL	CHAR	CPSM	4	LIKE	MAS operating system release	140
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	8
RTA_SPEC	CHAR	CPSM	8	LIKE	Real Time Analysis (RTA) specification name	32
STATUS	BIT	CPSM	1	LIKE	Status	48
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (LOCAL) - Local MAS</li> <li>• 64 (REMOTE) - Remote MAS</li> </ul>					
SYSID	CHAR	CPSM	4	LIKE	MAS system ID	136
SYSPLEX	CHAR	CPSM	8	LIKE	SYSplex name	164
TMEZONE	CHAR	CPSM	1	LIKE	Time zone	129
TMEZONEO	BINARY	CPSM	1	LIKE	Time zone offset	128
WLM_SPEC	CHAR	CPSM	8	LIKE	Workload manager specification name	40



# Chapter 136. EMASSICK Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMASSICK is emitted by a MAS agent to identify a condition that affects the health of the CICS system. An EMASSICK instance identifies a single specific sickness type. It also carries the complete health status of the MAS as reported by previous EMASSICK or ELSIGNAL notifications.

If a region starts to produce a system dump, this event is reported by the ELSIGNAL notification and not by the EMASSICK notification. After the system dump is produced, an EMASWELL notification is issued. To capture the system dump notification, use the ELSIGNAL notification instead.

**Object type**

CICSplex SM Notification

**Length**

208

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2402

Table 322. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 323. EMASSICK resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
CHGSTALL1	BIT	CPSM	1	LIKE	First stall indicator flag	203
CHGSTALL1 Input/output valid values	<ul style="list-style-type: none"><li>• 128 (ENQUEUE) - Enqueue suspended</li><li>• 64 (TASKWAIT) - Task wait suspended</li><li>• 32 (DLI) - DLI suspended</li><li>• 16 (DBCTRL) - DB control suspended</li><li>• 8 (STORAGE) - Storage suspended</li><li>• 4 (UNKNOWN) - Unknown suspended</li><li>• 2 (DISPABLE) - Dispable (not used)</li><li>• 1 (RUNNING) - Running (not used)</li></ul>					
CHGSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flag	202

Table 323. EMASICK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
CHGSTALL2 Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (DISP) - Dispatcher suspended</li> <li>• 64 (ALLCSESS) - Allocate session suspended</li> <li>• 32 (TERM) - Terminal control suspended</li> <li>• 16 (INTV) - Interval control suspended</li> <li>• 8 (FILE) - File I/O suspended</li> <li>• 4 (TEMPSTOR) - Temporary storage suspend</li> <li>• 2 (TSDATA) - Transient data suspended</li> <li>• 1 (JOURNAL) - Journal suspended</li> </ul>					
CHGSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag	201
CHGSTALL3 Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (EJB) - Enterprise java suspended</li> <li>• 64 (LOGGER) - Log Manager suspended</li> <li>• 32 (IRLINK) - Interregn link suspended</li> <li>• 16 (DB2) - DB2 suspended</li> <li>• 8 (LOCK) - Lock manager suspended</li> <li>• 4 (XRF) - XRF suspended</li> <li>• 2 (PROGRAM) - Program manager suspended</li> <li>• 1 (TRANSACTION) - Transaction manager suspended</li> </ul>					
CHGSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag	200
CHGSTALL4 Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (ASYNC) - Asynchronous API task suspended</li> <li>• 64 (IPIC) - IP interconnectivity suspended</li> <li>• 32 (RMI) - Resource manager suspended</li> <li>• 16 (CONSOLE) - Console domain suspended</li> <li>• 8 (SOCKETS) - Sockets domain suspended</li> <li>• 4 (MQSERIES) - MQSeries suspended</li> <li>• 2 (USERWAIT) - User suspended</li> <li>• 1 (WEBSERV) - Web services suspended</li> </ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
CURSTALL1	BIT	CPSM	1	LIKE	First stall indicator flag	199
CURSTALL1 Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (ENQUEUE) - Enqueue suspended</li> <li>• 64 (TASKWAIT) - Task wait suspended</li> <li>• 32 (DLI) - DLI suspended</li> <li>• 16 (DBCTRL) - DBCTL suspended</li> <li>• 8 (STORAGE) - Storage suspended</li> <li>• 4 (UNKNOWN) - Unknown suspended</li> <li>• 2 (DISPABLE) - Dispable (not used)</li> <li>• 1 (RUNNING) - Running (not used)</li> </ul>					
CURSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flag	198
CURSTALL2 Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (DISP) - Dispatcher suspended</li> <li>• 64 (ALLCSESS) - Allocate session suspended</li> <li>• 32 (TERM) - Terminal control suspended</li> <li>• 16 (INTV) - Interval control suspended</li> <li>• 8 (FILE) - File I/O suspended</li> <li>• 4 (TEMPSTOR) - Temporary storage suspended</li> <li>• 2 (TSDATA) - Transient data suspended</li> <li>• 1 (JOURNAL) - Journal suspended</li> </ul>					
CURSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag	197

Table 323. EMASICK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
CURSTALL3 Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (EJB) - Enterprise java suspended</li> <li>• 64 (LOGGER) - Log Manager suspended</li> <li>• 32 (IRLINK) - Interregn link suspended</li> <li>• 16 (DB2) - DB2 suspended</li> <li>• 8 (LOCK) - Lock manager suspended</li> <li>• 4 (XRF) - XRF suspended</li> <li>• 2 (PROGRAM) - Program manager suspended</li> <li>• 1 (TRANSACTION) - Transaction manager suspended</li> </ul>					
CURSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag	196
CURSTALL4 Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (ASYNC) - Asynchronous API task suspended</li> <li>• 64 (IPIC) - IP interconnectivity suspended</li> <li>• 32 (RMI) - Resource manager suspended</li> <li>• 16 (CONSOLE) - Console domain suspended</li> <li>• 8 (SOCKETS) - Sockets domain suspended</li> <li>• 4 (MQSERIES) - MQSeries suspended</li> <li>• 2 (USERWAIT) - User suspended</li> <li>• 1 (WEBSERV) - Web services suspended</li> </ul>					
DUMP_CODE	CHAR	CPSM	8	LIKE	Dump code	184
DUMP_PROGRAM	CHAR	CPSM	8	LIKE	Abending program	176
DUMP_TERMID	CHAR	CPSM	4	LIKE	Terminal ID	160
DUMP_TRANID	CHAR	CPSM	4	LIKE	Transaction ID	164
DUMP_USERID	CHAR	CPSM	8	LIKE	User ID	168
LOSTMAS_TIM	TIMESTP	CPSM	8	LIKE	MAS lost contact time	56
MASTYPE	BIT	CPSM	1	LIKE	Status	16
MASTYPE Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (LOCAL) - Local MAS</li> <li>• 64 (REMOTE) - Remote MAS</li> </ul>					
MAXTASK_TIM	TIMESTP	CPSM	8	LIKE	Time detected maximum task limit reached	40
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0
SICKTYPE	EYUDA	CPSM	4	LIKE	Specific sick identification	20
SICKTYPE Output valid values	<ul style="list-style-type: none"> <li>• SYSDUMP</li> <li>• TRANDUMP</li> <li>• MAXTASK</li> <li>• STALLED</li> <li>• SOSUDSA</li> <li>• SOSCDSA</li> <li>• SOSEUDSA</li> <li>• SOSECDSA</li> <li>• SOSERDSA</li> <li>• SOSSDSA</li> <li>• SOSESDSA</li> <li>• SOSRDSA</li> <li>• SOSMVS</li> <li>• SOSBELOW</li> <li>• SOSABOVE</li> <li>• SOSGCDSA</li> <li>• LOSTMAS</li> </ul>					
SOSABOVE_TIM	TIMESTP	CPSM	8	LIKE	Time detected SOS above 16M	128
SOSBELOW_TIM	TIMESTP	CPSM	8	LIKE	Time detected SOS below 16M	136

Table 323. EMASICK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
SOSCDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected CDSA SOS	72
SOSCONDS	BIT	CPSM	1	LIKE	Storage health indicators	18
SOSCONDS Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (SOSUDSA) - UDSA SOS</li> <li>• 64 (SOSCDSA) - CDSA SOS</li> <li>• 32 (SOSEUDSA) - EUDSA SOS</li> <li>• 16 (SOSECDSA) - ECDSA SOS</li> <li>• 8 (SOSERDSA) - ERDSA SOS</li> <li>• 4 (SOSSDSA) - SDSA SOS</li> <li>• 2 (SOSESDSA) - ESDSA SOS</li> <li>• 1 (SOSRDSA) - RDSA SOS</li> </ul>					
SOSCONDS2	BIT	CPSM	1	LIKE	Storage health indicators	19
SOSCONDS2 Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (SOSABOVE) - SOS above 16M</li> <li>• 64 (SOSBELOW) - SOS below 16M</li> <li>• 32 (SOSMVS) - MVS is short on storage</li> <li>• 16 (SOSGCDSA) - SOS Above bar</li> </ul>					
SOSECDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected ECDSA SOS	88
SOSERDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected ERDSA SOS	96
SOSESDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected ESDSA SOS	112
SOSEUDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected EUDSA SOS	80
SOSGCDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected SOS above bar	152
SOSMVS_TIM	TIMESTP	CPSM	8	LIKE	Time detected MVS SOS	144
SOSRDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected RDSA SOS	120
SOSSDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected SDSA SOS	104
SOSUDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected UDSA SOS	64
STALL_TIM	TIMESTP	CPSM	8	LIKE	Time detected system stalled	48
SYSCONDS	BIT	CPSM	1	LIKE	System health indicators	17
SYSCONDS Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (SYSDUMP) - System dumping</li> <li>• 64 (TRANDUMP) - Transaction dumping</li> <li>• 32 (MAXTASK) - Max tasks</li> <li>• 16 (STALLED) - System stalled</li> </ul>					
SYSDUMP_TIM	TIMESTP	CPSM	8	LIKE	Time detected system dumping	24
TRANDUMP_CNT	BINARY	CPSM	4	LIKE	Transaction dump use count	192
TRANDUMP_TIM	TIMESTP	CPSM	8	LIKE	Time detected transaction dumping	32

## Chapter 137. EMASSTOP Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMASSTOP is emitted by a Topology control object when a CICS system terminates. The CICS system may have been attached to the local CMAS or some other CMAS in the CICSplex. EMASSTOP can normally be used to indicate that the CICS system has shut down. However, if the MAS agent is terminated, that event also generates an EMASSTOP notification.

**Object type**

CICSplex SM Notification

**Length**

168

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2401

Table 324. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 325. EMASSTOP resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
CECNAME	CHAR	CPSM	8	LIKE	CEC name	148
CMASNAME	CHAR	CPSM	8	LIKE	CMAS name	0
CSYSAPPL	CHAR	CPSM	8	LIKE	VTAM application ID	111
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	16
DESC	CHAR	CPSM	58	DIFF	Description	53
DYNROUTE	BINARY	CPSM	1	LIKE	Dynamic routing mode	49
DYNROUTE Input/output valid values	<ul style="list-style-type: none"><li>• 1 (ACTIVE) - Routing active</li><li>• 2 (SUSPEND) - Routing suspended</li></ul>					
DYNTYPE	CHAR	CPSM	3	LIKE	Dynamic routing type	50
JOBNAME	CHAR	CPSM	8	LIKE	MAS job name	140
MASSTART	TIMESTP	CPSM	8	LIKE	MAS start time	120
MON_SPEC	CHAR	CPSM	8	LIKE	Monitor specification name	24

Table 325. EMASSTOP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
MVSNAME	CHAR	CPSM	4	LIKE	MVS system name	136
OPSYSREL	CHAR	CPSM	4	LIKE	MAS operating system release	132
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	8
RTA_SPEC	CHAR	CPSM	8	LIKE	Real Time Analysis (RTA) specification name	32
STATUS	BIT	CPSM	1	LIKE	Status	48
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (LOCAL) - Local MAS stop</li> <li>• 64 (REMOTE) - Remote MAS stop</li> <li>• 32 (LOCALL) - Local MAS lost contact</li> <li>• 16 (REMOTEL) - Remote MAS lost contact</li> <li>• 8 (GONEL) - Local MAS no longer active</li> <li>• 4 (GONER) - Remote MAS no longer active</li> <li>• 2 (MASREM) - MAS Removal Invoked</li> </ul>					
SYSID	CHAR	CPSM	4	LIKE	MAS system ID	128
SYSPLEX	CHAR	CPSM	8	LIKE	SYSplex name	156
WLM_SPEC	CHAR	CPSM	8	LIKE	Workload manager specification name	40

## Chapter 138. EMASSTRT Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMASSTRT is emitted by a Topology control object when a CICS system connects to the local CMAS. The CICS system connect is seen in other CMAS instances in the CICSplex as an EMASJOIN notification.

### Object type

CICSplex SM Notification

### Length

176

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2400

Table 326. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 327. EMASSTRT resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
CECNAME	CHAR	CPSM	8	LIKE	CEC name	156
CMASNAME	CHAR	CPSM	8	LIKE	CMAS name	0
CSYSAPPL	CHAR	CPSM	8	LIKE	VTAM application ID	111
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	16
DAYLGHTSV	EYUDA	CPSM	4	LIKE	Daylight saving time in effect	132
DAYLGHTSV Output valid values	<ul style="list-style-type: none"><li>• YES</li><li>• NO</li></ul>					
DESC	CHAR	CPSM	58	DIFF	Description	53
DYNROUTE	BINARY	CPSM	1	LIKE	Dynamic routing mode	49
DYNROUTE Input/output valid values	<ul style="list-style-type: none"><li>• 1 (ACTIVE) - Routing ACTIVE</li><li>• 2 (SUSPEND) - Routing SUSPENDED</li></ul>					
DYNTYPE	CHAR	CPSM	3	LIKE	Dynamic routing type	50
JOBNAME	CHAR	CPSM	8	LIKE	MAS job name	148
MASSTART	TIMESTP	CPSM	8	LIKE	MAS start time	120

Table 327. EMASSTRT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
MON_SPEC	CHAR	CPSM	8	LIKE	Monitor specification name	24
MVSNAME	CHAR	CPSM	4	LIKE	MVS system name	144
OPSYSREL	CHAR	CPSM	4	LIKE	MAS operating system release	140
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	8
RTA_SPEC	CHAR	CPSM	8	LIKE	Real Time Analysis (RTA) specification name	32
STATUS	BIT	CPSM	1	LIKE	Status	48
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (LOCAL) - Local MAS</li> <li>• 64 (REMOTE) - Remote MAS</li> </ul>					
SYSID	CHAR	CPSM	4	LIKE	MAS system ID	136
SYSPLEX	CHAR	CPSM	8	LIKE	SYSplex name	164
TMEZONE	CHAR	CPSM	1	LIKE	Time zone	129
TMEZONEO	BINARY	CPSM	1	LIKE	Time zone offset	128
WLM_SPEC	CHAR	CPSM	8	LIKE	Workload manager specification name	40



## Chapter 139. EMASWELL Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMASWELL is emitted by a MAS agent to report the resolution of a health condition in a CICS system that was reported by a previous EMASICK notification. An EMASWELL instance identifies a single specific sickness resolution. It also carries the complete health status of the MAS as reported by previous EMASICK or ELSIGNAL notifications.

**Object type**

CICSplex SM Notification

**Length**

208

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2403

Table 328. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 329. EMASWELL resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
CHGSTALL1	BIT	CPSM	1	LIKE	First stall indicator flag	203
CHGSTALL1 Input/output valid values	<ul style="list-style-type: none"><li>• 128 (ENQUEUE) - Enqueue suspend</li><li>• 64 (TASKWAIT) - Task wait suspend</li><li>• 32 (DLI) - DLI suspend</li><li>• 16 (DBCTRL) - DBCTL suspend</li><li>• 8 (STORAGE) - Storage suspend</li><li>• 4 (UNKNOWN) - Unknown suspend</li><li>• 2 (DISPABLE) - Dispable (not used)</li><li>• 1 (RUNNING) - Running (not used)</li></ul>					
CHGSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flag	202

Table 329. EMASWELL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
CHGSTALL2 Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (DISP) - Dispatcher suspend</li> <li>• 64 (ALLCSESS) - Allc session suspend</li> <li>• 32 (TERM) - Terminal control</li> <li>• 16 (INTV) - Intv control suspend</li> <li>• 8 (FILE) - File I/O suspend</li> <li>• 4 (TEMPSTOR) - Temp stor suspend</li> <li>• 2 (TSDATA) - Transi data suspend</li> <li>• 1 (JOURNAL) - Journal suspend</li> </ul>					
CHGSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag	201
CHGSTALL3 Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (EJB) - Enterprise java suspend</li> <li>• 64 (LOGGER) - Log manager suspend</li> <li>• 32 (IRLINK) - Interregn link suspend</li> <li>• 16 (DB2) - DB2 suspend</li> <li>• 8 (LOCK) - Lockmgr suspend</li> <li>• 4 (XRF) - XRF suspend</li> <li>• 2 (PROGRAM) - Progmgr suspend</li> <li>• 1 (TRANSACTION) - Transmgr suspend</li> </ul>					
CHGSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag	200
CHGSTALL4 Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (ASYNCR) - Asynchronous API task suspended</li> <li>• 64 (IPIC) - IP interconnectivity suspend</li> <li>• 32 (RMI) - Resource manager suspend</li> <li>• 16 (CONSOLE) - Console domain suspend</li> <li>• 8 (SOCKETS) - Sockets domain suspend</li> <li>• 4 (MQSERIES) - MQSeries suspend</li> <li>• 2 (USERWAIT) - User suspend</li> <li>• 1 (WEBSERV) - Web services suspend</li> </ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
CURSTALL1	BIT	CPSM	1	LIKE	First stall indicator flag	199
CURSTALL1 Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (ENQUEUE) - Enqueue suspend</li> <li>• 64 (TASKWAIT) - Task wait suspend</li> <li>• 32 (DLI) - DLI suspend</li> <li>• 16 (DBCTRL) - DBCTL suspend</li> <li>• 8 (STORAGE) - Storage suspend</li> <li>• 4 (UNKNOWN) - Unknown suspend</li> <li>• 2 (DISPABLE) - Dispable (not used)</li> <li>• 1 (RUNNING) - Running (not used)</li> </ul>					
CURSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flag	198
CURSTALL2 Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (DISP) - Dispatcher suspend</li> <li>• 64 (ALLCSESS) - Allc session suspend</li> <li>• 32 (TERM) - Terminal control</li> <li>• 16 (INTV) - Intv control suspend</li> <li>• 8 (FILE) - File I/O suspend</li> <li>• 4 (TEMPSTOR) - Temp stg suspend</li> <li>• 2 (TSDATA) - Transi data suspend</li> <li>• 1 (JOURNAL) - Journal suspend</li> </ul>					
CURSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag	197

Table 329. EMASWELL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
CURSTALL3 Input/output valid values	<ul style="list-style-type: none"> <li>128 (EJB) - Enterprise java suspend</li> <li>64 (LOGGER) - Log manager suspend</li> <li>32 (IRLINK) - Interregn link suspend</li> <li>16 (DB2) - DB2 suspend</li> <li>8 (LOCK) - Lockmgr suspend</li> <li>4 (XRF) - XRF suspend</li> <li>2 (PROGRAM) - Progmgr suspend</li> <li>1 (TRANSACT) - Tranmgr suspend</li> </ul>					
CURSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag	196
CURSTALL4 Input/output valid values	<ul style="list-style-type: none"> <li>128 (ASYNCR) - Asynchronous API task suspended</li> <li>64 (IPIC) - IP interconnectivity suspend</li> <li>32 (RMI) - Resource manager suspend</li> <li>16 (CONSOLE) - Console domain suspend</li> <li>8 (SOCKETS) - Sockets domain suspend</li> <li>4 (MQSERIES) - MQSeries suspend</li> <li>2 (USERWAIT) - User suspend</li> <li>1 (WEBSERV) - Web services suspend</li> </ul>					
DUMP_CODE	CHAR	CPSM	8	LIKE	Last dump code	184
DUMP_PROGRAM	CHAR	CPSM	8	LIKE	Last dump abending program	176
DUMP_TERMID	CHAR	CPSM	4	LIKE	Last dump terminal ID	160
DUMP_TRANID	CHAR	CPSM	4	LIKE	Last dump transaction ID	164
DUMP_USERID	CHAR	CPSM	8	LIKE	Last dump user ID	168
LOSTMAS_TIM	TIMESTP	CPSM	8	LIKE	Time relieved MAS lost contact	56
MASTYPE	BIT	CPSM	1	LIKE	Status	16
MASTYPE Input/output valid values	<ul style="list-style-type: none"> <li>128 (LOCAL) - Local MAS</li> <li>64 (REMOTE) - Remote MAS</li> </ul>					
MAXTASK_TIM	TIMESTP	CPSM	8	LIKE	Time relieved maximum task limit	40
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0
SOSABOVE_TIM	TIMESTP	CPSM	8	LIKE	Time relieved SOS above 16M	128
SOSBELOW_TIM	TIMESTP	CPSM	8	LIKE	Time relieved SOS below 16M	136
SOSCDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved CDSA SOS	72
SOSCONDS	BIT	CPSM	1	LIKE	Storage health indicators	18
SOSCONDS Input/output valid values	<ul style="list-style-type: none"> <li>128 (SOSUDSA) - On-not UDSA SOS</li> <li>64 (SOSCDSA) - On-not CDSA SOS</li> <li>32 (SOSEUDSA) - On-not EUDSA SOS</li> <li>16 (SOSECDSA) - On-not ECDSA SOS</li> <li>8 (SOSERDSA) - On-not ERDSA SOS</li> <li>4 (SOSSDSA) - On-not SDSA SOS</li> <li>2 (SOSESDSA) - On-not ESDSA SOS</li> <li>1 (SOSRDSA) - On-not RDSA SOS</li> </ul>					
SOSCONDS2	BIT	CPSM	1	LIKE	Storage health indicators	19
SOSCONDS2 Input/output valid values	<ul style="list-style-type: none"> <li>128 (SOSABOVE) - On-not SOS above 16M</li> <li>64 (SOSBELOW) - On-not SOS below 16M</li> <li>32 (SOSMVS) - On-not SOS in MVS</li> <li>16 (SOSGCDSA) - On-not SOS above bar</li> </ul>					
SOSECDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved ECDSA SOS	88
SOSERDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved ERDSA SOS	96

Table 329. EMASWELL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
SOSESDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved ESDSA SOS	112
SOSEUDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved EUDSA SOS	80
SOSGCDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved SOS above bar	152
SOSMVS_TIM	TIMESTP	CPSM	8	LIKE	Time relieved MVS SOS	144
SOSRDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved RDSA SOS	120
SOSSDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved SDSA SOS	104
SOSUDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved UDSA SOS	64
STALL_TIM	TIMESTP	CPSM	8	LIKE	Time relieved system stalled	48
SYSCONDS	BIT	CPSM	1	LIKE	System health indicators	17
SYSCONDS Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (SYSDUMP) - On-not sys dumping</li> <li>• 64 (TRANDUMP) - On-not tran dumping</li> <li>• 32 (MAXTASK) - On-not at max tasks</li> <li>• 16 (STALLED) - On-not stalled</li> </ul>					
SYSDUMP_TIM	TIMESTP	CPSM	8	LIKE	Time relieved system dumping	24
TRANDUMP_CNT	BINARY	CPSM	4	LIKE	Transaction dump use count	192
TRANDUMP_TIM	TIMESTP	CPSM	8	LIKE	Time relieved tran dumping	32
WELLTYPE	EYUDA	CPSM	4	LIKE	Specific well identification	20
WELLTYPE Output valid values	<ul style="list-style-type: none"> <li>• SYSDUMP</li> <li>• TRANDUMP</li> <li>• MAXTASK</li> <li>• STALLED</li> <li>• SOSUDSA</li> <li>• SOSGCDSA</li> <li>• SOSEUDSA</li> <li>• SOSECDSA</li> <li>• SOSERDSA</li> <li>• SOSSDSA</li> <li>• SOSESDSA</li> <li>• SOSRDSA</li> <li>• SOSMVS</li> <li>• SOSBELOW</li> <li>• SOSABOVE</li> <li>• SOSGCDSA</li> <li>• LOSTMAS</li> </ul>					

# Chapter 140. EMCICS Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMCICS is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MCICS resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS.

**Object type**  
CICSplex SM Notification

**Length**  
24

**Usage**  
API

**API view**  
No

**CMAS context**  
No

**SCOPE applies**  
No

**Only query CMASs in workload**  
No

**Copybook identifier**  
EYUt2467

Table 330. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 331. EMCICS resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	20
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	16
MONCLASS Output valid values	• MCICS					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



# Chapter 141. EMCONN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMCONN is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MCONN resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS.

**Object type**

CICSplex SM Notification

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2470

Table 332. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 333. EMCONN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	20
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	16
MONCLASS Output valid values	• MCONN					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0





# Chapter 142. EMDBX Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMDBX is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MDBX resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS.

**Object type**

CICSplex SM Notification

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2469

Table 334. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 335. EMDBX resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	20
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	16
MONCLASS Output valid values	• MDBX					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



# Chapter 143. EMFILE Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMFILE is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MFILE resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS.

**Object type**

CICSplex SM Notification

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2471

Table 336. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 337. EMFILE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	20
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	16
MONCLASS Output valid values	• MFILE					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 144. EMGLBL Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMGLBL is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MGLBL resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS.

**Object type**

CICSplex SM Notification

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2468

Table 338. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 339. EMGLBL resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	20
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	16
MONCLASS Output valid values	• MGLBL					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



# Chapter 145. EMJRNL Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMJRNL is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MJRNL resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS.

**Object type**

CICSplex SM Notification

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2472

Table 340. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 341. EMJRNL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	20
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	16
MONCLASS Output valid values	• MJRNL					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0





# Chapter 146. EMPROG Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMPROG is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MPROG resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS.

**Object type**

CICSplex SM Notification

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2473

Table 342. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 343. EMPROG resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	20
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	16
MONCLASS Output valid values	• MPROG					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 147. EMSTATUS Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMSTATUS is emitted by a MAS agent to identify the current health of the MAS. This is a periodic notification that is often referred to as the MAS heartbeat. EMSTATUS contains all currently active MAS sickness indicators as reported by previous EMASSICK notifications. Other critical data of interest to various CPSM management applications is also provided.

The frequency of EMSTATUS emissions is not an externally documented value and is subject to change. It is important to note that every MAS generates multiple EMSTATUS notifications every minute. If an API program registers interest in EMSTATUS, the program must be prepared to receive the asynchronous output on a regular and frequent basis. A program should assume that each MAS generates an EMSTATUS notification at least every 15 seconds for as long as it is connected to the CICSplex. In a CICSplex with 50 active MAS instances, this can result in 200 EMSTATUS notifications every minute in every CMAS managing the CICSplex. If a program registers interest in EMSTATUS, but does not process the notifications in a timely manner, large amounts of data space storage will be used to hold copies of these notifications.

### Object type

CICSplex SM Notification

### Length

224

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2507

Table 344. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 345. EMSTATUS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
AMAXTASKS	BINARY	INQ	4	LIKE	Maximum number of active tasks	200
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
CURRTASKS	BINARY	INQ	4	LIKE	Current number of tasks	204
CURSTALL1	BIT	CPSM	1	LIKE	First stall indicator flag	219

Table 345. EMSTATUS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
CURSTALL1 Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (ENQUEUE) - Enqueue suspended</li> <li>• 64 (TASKWAIT) - Task wait suspended</li> <li>• 32 (DLI) - DLI suspended</li> <li>• 16 (DBCTRL) - DBCTL suspended</li> <li>• 8 (STORAGE) - Storage suspended</li> <li>• 4 (UNKNOWN) - Unknown suspended</li> <li>• 2 (DISPABLE) - Dispatched-unused</li> <li>• 1 (RUNNING) - Running-unused</li> </ul>					
CURSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flag	218
CURSTALL2 Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (DISP) - Dispatcher suspended</li> <li>• 64 (ALLCSESS) - Allocate session suspended</li> <li>• 32 (TERM) - Terminal control suspended</li> <li>• 16 (INTV) - Interval control suspended</li> <li>• 8 (FILE) - File I/O suspended</li> <li>• 4 (TEMPSTOR) - Temporary storage suspend</li> <li>• 2 (TSDATA) - Transient data suspended</li> <li>• 1 (JOURNAL) - Journal suspended</li> </ul>					
CURSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag	217
CURSTALL3 Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (EJB) - Enterprise java suspended</li> <li>• 64 (LOGGER) - Log manager suspended</li> <li>• 32 (IRLINK) - Interregn link suspended</li> <li>• 16 (DB2) - DB2 suspended</li> <li>• 8 (LOCK) - Lock manager suspended</li> <li>• 4 (XRF) - XRF suspended</li> <li>• 2 (PROGRAM) - Program manager suspended</li> <li>• 1 (TRANSACTION) - Transaction Manager suspended</li> </ul>					
CURSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag	216
CURSTALL4 Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (ASYNC) - Asynchronous API task suspended</li> <li>• 64 (IPIC) - IP interconnectivity suspended</li> <li>• 32 (RMI) - Resource manager suspended</li> <li>• 16 (CONSOLE) - Console suspended</li> <li>• 8 (SOCKETS) - Sockets domain suspended</li> <li>• 4 (MQSERIES) - MQSeries suspended</li> <li>• 2 (USERWAIT) - User suspended</li> <li>• 1 (WEBSERV) - Web services suspended</li> </ul>					
DUMP_CODE	CHAR	CPSM	8	LIKE	Last dump code	184
DUMP_PROGRAM	CHAR	CPSM	8	LIKE	Last dump abending program	176
DUMP_TERMID	CHAR	CPSM	4	LIKE	Last dump terminal ID	160
DUMP_TRANID	CHAR	CPSM	4	LIKE	Last dump transaction ID	164
DUMP_USERID	CHAR	CPSM	8	LIKE	Last dump user ID	168
IRCSTAT	CVDAS	INQ	4	LIKE	Interregion communication status	212
IRCSTAT Output valid values	<ul style="list-style-type: none"> <li>• OPEN</li> <li>• CLOSED</li> <li>• CLOSING</li> <li>• IMMCLOSING</li> </ul>					
LASTTYPE	EYUDA	CPSM	4	LIKE	Last sick/well identification	20

Table 345. EMSTATUS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
LASTTYPE Output valid values	<ul style="list-style-type: none"> <li>• SYSDUMP</li> <li>• TRANDUMP</li> <li>• MAXTASK</li> <li>• STALLED</li> <li>• SOSUDSA</li> <li>• SOSCDSA</li> <li>• SOSEUDSA</li> <li>• SOSECDSA</li> <li>• SOSERDSA</li> <li>• SOSSDSA</li> <li>• SOSESDSA</li> <li>• SOSRDSA</li> <li>• SOSMVS</li> <li>• SOSBELOW</li> <li>• SOSABOVE</li> <li>• SOSGCDSA</li> <li>• LOSTMAS</li> </ul>					
LOSTCON_TIM	TIMESTP	CPSM	8	LIKE	MAS lost contact time	56
MASTYPE	BIT	CPSM	1	LIKE	Status	16
MASTYPE Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (LOCAL) - Local MAS</li> <li>• 64 (REMOTE) - Remote MAS</li> <li>• 32 (CPSMWRAM) - Using CPSM WRAM program</li> <li>• 16 (RSFAILED) - RS Domain reporting problems</li> <li>• 08 (RSTRACED) - RS Domain trace issued</li> <li>• 04 (NOMVSWLM) - No MVS/WLM Support</li> <li>• 02 (MVSSRM) - MVS/WLM in SRM Mode</li> <li>• 01 (MVSGOAL) - MVS/WLM in GOAL Mode</li> </ul>					
MAXTASKS	BINARY	INQ	4	LIKE	Maximum number of active and suspended tasks	196
MAXTASK_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	40
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0
SOSABOVE_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	128
SOSBELOW_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	136
SOSCDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	72
SOSCONDS	BIT	CPSM	1	LIKE	Storage health indicators	18
SOSCONDS Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (SOSUDSA) - UDSA SOS</li> <li>• 64 (SOSCDSA) - CDSA SOS</li> <li>• 32 (SOSEUDSA) - EUDSA SOS</li> <li>• 16 (SOSECDSA) - ECDSA SOS</li> <li>• 8 (SOSERDSA) - ERDSA SOS</li> <li>• 4 (SOSSDSA) - SDSA SOS</li> <li>• 2 (SOSESDSA) - ESDSA SOS</li> <li>• 1 (SOSRDSA) - RDSA SOS</li> </ul>					
SOSCONDS2	BIT	CPSM	1	LIKE	Storage health indicators	19
SOSCONDS2 Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (SOSABOVE) - SOS above 16M</li> <li>• 64 (SOSBELOW) - SOS below 16M</li> <li>• 32 (SOSMVS) - Short of MVS storage</li> <li>• 16 (SOSGCDSA) - SOS above bar</li> </ul>					
SOSECDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	88

Table 345. EMSTATUS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
SOSERDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	96
SOSESDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	112
SOSEUDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	80
SOSGCDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	152
SOSMVS_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	144
SOSRDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	120
SOSSDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	104
SOSUDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	64
STALL_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	48
SYSCONDS	BIT	CPSM	1	LIKE	System health indicators	17
SYSCONDS Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (SYSDUMP) - System dumping</li> <li>• 64 (TRANDUMP) - Transaction dumping</li> <li>• 32 (MAXTASK) - At max tasks</li> <li>• 16 (STALLED) - Stalled</li> <li>• 08 (NRM) - Non-responsive</li> <li>• 01 (MODEOK) - CICS V3 modename Queue OK</li> </ul>					
SYSDUMP_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	24
TRANDUMP_CNT	BINARY	CPSM	4	LIKE	Last transaction dump use count	192
TRANDUMP_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	32
VTAMACB	CV DAS	INQ	4	LIKE	VTAM ACB open status	208
VTAMACB Output valid values	<ul style="list-style-type: none"> <li>• OPEN</li> <li>• CLOSED</li> <li>• CLOSING</li> <li>• IMMCLOSING</li> <li>• FORCECLOSING</li> <li>• N_A</li> </ul>					

# Chapter 148. EMTDQS Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMTDQS is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MTDQS resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS.

**Object type**

CICSplex SM Notification

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2474

Table 346. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 347. EMTDQS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	20
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	16
MONCLASS Output valid values	• MTDQS					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0





## Chapter 149. EMTERM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMTERM is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MTERM resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS.

**Object type**

CICSplex SM Notification

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2534

Table 348. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 349. EMTERM resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	20
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	16
MONCLASS Output valid values	• MTERM					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



# Chapter 150. EMTRAN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMTRAN is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MTRAN resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS.

**Object type**

CICSplex SM Notification

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2475

Table 350. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 351. EMTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	20
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	16
MONCLASS Output valid values	• MTRAN					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



# Chapter 151. ENDPOINT Resource Table

A CICS resource that provides the ability to retrieve information about JVM endpoints and control them by enabling or disabling them.

The **Primary** key field for this resource class is JVMENDPOINT.

The **Secondary** key field for this resource class is JVMSERVER.

The following actions are supported:

**DISABLE**

Disable the JVM endpoint, stopping it from listening to requests.

**ENABLE**

Enable the JVM endpoint, causing it to start listening for requests.

**External resource name(CMCI)**

CICSJVMEndpoint

**Object type**

CICS Resource

**Length**

584

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0224

**CICS Commands subject to CICS Security**

INQUIRE JVMENDPOINT

Table 352. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A

Table 353. ENDPOINT resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF	No	CICS System Name		0

Table 353. ENDPOINT resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Offset
EYU_CICSREL	CHAR	CPSM			4	DIF	No	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		12
JVMENDPOINT-1	CHAR	INQ	JVMENDPOINT	JVMENDPOINT	224	DIF	No	Endpoint name		16
JVMSEVER-2	CHAR	CPSM	JVMENDPOINT	JVMSEVER	8	DIF	No	JVMSEVER name		244
ENABLESTATUS	CV DAS	INQ	JVMENDPOINT	ENABLESTATUS	4	LIKE	Yes	Enable Status		240
ENABLESTATUS Input/ output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>									
HOST	CHAR	INQ			255	DIF	No	The host which the endpoint is using		324
PORT	CNUMERIC	INQ	JVMENDPOINT	PORT	4	MAX	No	The port which the endpoint is using	1-65535	316
SECPort	CNUMERIC	INQ	JVMENDPOINT	SECPort	4	MAX	No	The secured port which the endpoint is using	1-65535	320
TYPE	CHAR	INQ	JVMENDPOINT	TYPE	64	DIF	No	The type of the endpoint		252

## Chapter 152. ENQINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of an ENQ/DEQ model definition (ENQMDEF) in a resource group (RESGROUP). A ENQMDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is ENQMGROUP.

The **Secondary** key field for this resource class is ENQMNAME.

The **Tertiary** key field for this resource class is ENQMVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6167

### Security Class

BAS.DEF

Table 354. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 355. ENQINGRP FEEDBACK error codes		
Value	Code	Description
1	ENQINGRP_INV_DATA	Attribute data invalid
2	ENQINGRP_REC_NOT_FOUND	Requested resource not found
4	ENQINGRP_REC_EXISTS	Resource already exists
6	ENQINGRP_INV_RESTYPE	Invalid resource type
7	ENQINGRP_INV_VER	Invalid resource version
11	ENQINGRP_NON_MP	Maintenance point CMAS not available

Table 355. ENQINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	ENQINGRP_INV_CONTEXT	Context not found
21	ENQINGRP_INCONSISTENT_SET	Inconsistent set
22	ENQINGRP_DIFF_VERSION	Different version
23	ENQINGRP_INV_NAME	Invalid name
24	ENQINGRP_INV_MINNAME	Invalid minor name

Table 356. ENQINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
ENQMGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
ENQMNAME-2	CHAR	CPSM	8	Yes	DIFF	Enqueue model definition name	44
ENQMVER-3	BINARY	CPSM	1	Yes	AVG	Enqueue model definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16



# Chapter 153. ENQMDEF Resource Table

A CICS Definition that describes an ENQ/DEQ model.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install an ENQ/DEQ Model Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionEnqueueModel

**Object type**

CICS Definition

**Length**

408

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3822

**CICS Commands subject to CICS Security**

INQUIRE ENQMODEL

Table 357. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Table 357. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 358. ENQMDEF FEEDBACK error codes		
Value	Code	Description
1	ENQMDEF_INV_DATA	Attribute data invalid
2	ENQMDEF_REC_NOT_FOUND	Requested resource not found
4	ENQMDEF_REC_EXISTS	Resource already exists
5	ENQMDEF_REC_CHANGED	Resource definition already changed
6	ENQMDEF_INV_RESTYPE	Invalid resource type
7	ENQMDEF_INV_VER	Invalid resource version
11	ENQMDEF_NON_MP	Maintenance point CMAS not available
12	ENQMDEF_INV_CONTEXT	Context not found
13	ENQMDEF_INCONSISTENT_SET	Inconsistent set condition
14	ENQMDEF_INV_RESGROUP	Resource group not found
21	ENQMDEF_INV_ACTION	Invalid action
22	ENQMDEF_INV_RECADDR	Invalid record address
23	ENQMDEF_INV_RECLEN	Invalid record length
24	ENQMDEF_DIFF_VERSION	Different version
25	ENQMDEF_EARLY_NAMELIST_END	Early name list end
26	ENQMDEF_INV_NAMELIST	Invalid name list
27	ENQMDEF_INV_NAME	Invalid name
28	ENQMDEF_INV_MINNAME	Invalid minor name
29	ENQMDEF_NOTIFY	Notify
30	ENQMDEF_PARTIAL_INSTALL	Partial install

Table 358. ENQMDEF FEEDBACK error codes (continued)

Value	Code	Description
31	ENQMDEF_NOTHING_INSTALLED	Nothing installed
32	ENQMDEF_NO_TARGETS	No targets
33	ENQMDEF_NO_RELATED	No related systems
34	ENQMDEF_INV_TSCOPE	Invalid target scope
35	ENQMDEF_INV_RSCOPE	Invalid related scope
36	ENQMDEF_INV_USAGE	Invalid usage
37	ENQMDEF_INV_MODE	Invalid mode
38	ENQMDEF_INV_STATECHK	Invalid state check
39	ENQMDEF_INV_FORCEINS	Invalid force install
40	ENQMDEF_INV_NOTIFY	Invalid notify
41	ENQMDEF_INV_OVERTYPE	Invalid over type
42	ENQMDEF_INV_OVRBLOCK	Invalid override block
43	ENQMDEF_INV_ORSTRING	Invalid override string
44	ENQMDEF_INV_STRNGTERM	Invalid string terminator
45	ENQMDEF_INV_EMBEDTERM	Invalid embedded terminator
46	ENQMDEF_INV_ATTRIBUTE	Invalid attribute
47	ENQMDEF_INV_LITERAL	Invalid literal
48	ENQMDEF_INV_ORSTGNA	Invalid override string
49	ENQMDEF_SCOPE_REQUIRED	Scope required
50	ENQMDEF_USAGE_CONFLICT	Usage conflict
51	ENQMDEF_NODEFS_SELECTED	No definitions selected
52	ENQMDEF_MORE_THAN_1_RELSYS	More than one related system
53	ENQMDEF_MISSING_RELSYSID	Missing related system identifier
54	ENQMDEF_SCOPE_CONFLICT	Scope conflict
55	ENQMDEF_INV_CSDGROUP	Invalid CSD group
56	ENQMDEF_REC_NOT_REMOVED	Record not removed
57	ENQMDEF_INV_RESOURCE	Invalid resource
58	ENQMDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	ENQMDEF_PARTIAL_ACTION	Partial action
60	ENQMDEF_NOTHING_ACTIONED	Nothing actioned
61	ENQMDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	ENQMDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	ENQMDEF_CSD_ERROR	CSD access error

Table 359. ENQMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	400
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				304
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		396
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				336
ENQNAME	CHAR	CPSM	25 5	Yes	DIFF	Enqueue resource name				44
ENQSCOPE	CHAR	CPSM	4	No	DIFF	Enqueue scope name				33
STATUS	CVDAS	CPSM	4	Yes	LIKE	Enqueue status	ENABLED			40
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				312
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				320
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				328

# Chapter 154. ENQMODEL Resource Table

A CICS Resource that describes a ENQ/DEQ model in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**DISABLE**

Disable an ENQ/DEQ model.

**DISCARD**

Discard an ENQ/DEQ model.

**ENABLE**

Enable an ENQ/DEQ model.

These actions require no unique parameter data.

**External resource name(CMCI)**

CICSEnqueueModel

**Object type**

CICS Resource

**Length**

352

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0093

**CICS Commands subject to CICS Security**

INQUIRE ENQMODEL

Table 360. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	DISABLE	None	N/A
	ENABLE	None	N/A

Table 361. ENQMODEL resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
NAME-1	CHAR	INQ	ENQMODEL	ENQMODEL	8	DIF F	No	Enqueue model name			16
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	348
CHANGEAGENT	CVDAS	INQ	ENQMODEL	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650	288
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• SYSTEM</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>										
CHANGEAGREL	CHAR	INQ	ENQMODEL	CHANGEAGREL	4	DIF F	No	Last modification agent release		E640 E650	300
CHANGETIME	DATETIME	INQ	ENQMODEL	CHANGETIME	8	MAX	No	Last modification time		E640 E650	304
CHANGEUSRID	CHAR	INQ	ENQMODEL	CHANGEUSRID	8	DIF F	No	Last modification user ID		E640 E650	292
DEFINESOURCE	CHAR	INQ	ENQMODEL	DEFINESOURCE	8	DIF F	No	Source of the resource definition		E640 E650	312
DEFINETIME	DATETIME	INQ	ENQMODEL	DEFINETIME	8	MAX	No	Creation time		E640 E650	320
ENQNAME	CHAR	INQ	ENQMODEL	ENQNAME	255	DIF F	No	Enqueue resource name			32
ENQSCOPE	CHAR	INQ	ENQMODEL	ENQSCOPE	4	DIF F	No	Enqueue scope name			24
ENQSTATUS	CVDAS	INQ	ENQMODEL	STATUS	4	LIKE	Yes	Enqueue status			28
ENQSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> <li>• WAITING</li> </ul>										
INSTALLAGENT	CVDAS	INQ	ENQMODEL	INSTALLAGENT	4	LIKE	No	Installation agent		E640 E650	344
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• GRPLIST</li> </ul>										
INSTALLTIME	DATETIME	INQ			8	MAX	No	Installation time		E640 E650	336
INSTALLUSRID	CHAR	INQ	ENQMODEL	INSTALLUSRID	8	DIF F	No	Installation user ID		E640 E650	328

## Chapter 155. ENQUEUE Resource Table

A CICS Resource that provides CICS enqueues in an active system being managed by CICSplex SM.

The **Primary** key field for this resource class is NQGPOOL.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSEnqueue

### Object type

CICS Resource

### Length

168

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0123

### CICS Commands subject to CICS Security

COLLECT STATISTICS

Table 362. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 363. ENQUEUE resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>NQGPOOL-1</b>	CHAR	STAT	NQGBODY	NQGPOOL	8	DIFF	Enqueue pool ID	16
NQGACNQRT	INTTSTP	STAT			8	MAX	Average retention time for enqueue requests	152
NQGAGNQWT	INTTSTP	STAT			8	MAX	Average waiting time for sysplex enqueue requests	136
NQGATNQWT	INTTSTP	STAT			8	MAX	Average waiting time for enqueue requests	120
NQGCACNQRT	INTTSTP	STAT			8	MAX	Average retention time for current enqueues	160

Table 363. ENQUEUE resource table attributes (continued)								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
NQGCAGNQWT	INTTSTP	STAT			8	MAX	Average waiting time for current sysplex enqueues	144
NQGCATNQWT	INTTSTP	STAT			8	MAX	Average waiting time for current waiting enqueues	128
NQGCNQRT	INTTSTP	STAT	NQGBODY	NQGCNQRT	8	MAX	Retention time for enqueues retained currently	112
NQGCNQSR	BINARY	STAT	NQGBODY	NQGCNQSR	4	AVG	Number of enqueue requests retained currently	48
NQGCNQSW	BINARY	STAT	NQGBODY	NQGCNQSW	4	AVG	Number of enqueue requests waiting currently	32
NQGCNQWT	INTTSTP	STAT	NQGBODY	NQGCNQWT	8	MAX	Waiting time for current waiting enqueue requests	80
NQGGNQSW	BINARY	STAT	NQGBODY	NQGGNQSW	4	AVG	Total sysplex enqueue requests that waited	36
NQGGNQWT	INTTSTP	STAT	NQGBODY	NQGGNQWT	8	MAX	Total waiting time for sysplex enqueue requests	88
NQGSNQSW	BINARY	STAT	NQGBODY	NQGSNQSW	4	AVG	Sysplex enqueue request count waiting currently	40
NQGSNQWT	INTTSTP	STAT	NQGBODY	NQGSNQWT	8	MAX	Waiting time for current sysplex enqueue requests	96
NQGTIRJB	BINARY	STAT	NQGBODY	NQGTIRJB	4	AVG	Total enqueue requests rejected with ENQBUSY	52
NQGTIRJR	BINARY	STAT	NQGBODY	NQGTIRJR	4	AVG	Total enqueue requests rejected ENQ retained	56
NQGTNQRT	INTTSTP	STAT	NQGBODY	NQGTNQRT	8	MAX	Total retention time for enqueue requests	104
NQGTNQSI	BINARY	STAT	NQGBODY	NQGTNQSI	4	AVG	Total number of enqueues issued	24
NQGTNQSR	BINARY	STAT	NQGBODY	NQGTNQSR	4	AVG	Total enqueue requests that were retained	44
NQGTNQSW	BINARY	STAT	NQGBODY	NQGTNQSW	4	AVG	Total number of enqueue requests that waited	28
NQGTNQWT	INTTSTP	STAT	NQGBODY	NQGTNQWT	8	MAX	Total waiting time for enqueue requests	72
NQGTWPOP	BINARY	STAT	NQGBODY	NQGTWPOP	4	AVG	Total waiting enqueue requests purged by operator	64
NQGTWPTO	BINARY	STAT	NQGBODY	NQGTWPTO	4	AVG	Total waiting enqueue requests purged by timeout	68
NQGTWRJR	BINARY	STAT	NQGBODY	NQGTWRJR	4	AVG	Total waiting enqueues rejected ENQ retained	60



# Chapter 156. EPADAPT Resource Table

This CICS resource object provides information about event processing adapters.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**DISABLE**

Disable an EP adapter. When disabled, the EP adapter and its associated resources are not available to CICS.

**ENABLE**

Enable an EP adapter. When enabled, the EP Adapter and its associated resources are available to CICS.

**External resource name(CMCI)**

CICSEPADapter

**Object type**

CICS Resource

**Length**

240

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0199

**CICS Commands subject to CICS Security**

INQUIRE EPADAPTER

Table 364. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A

Table 365. EPADAPT resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	8

Table 365. EPADAPT resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	12
NAME-1	CHAR	INQ	EPADAPTER	EPADAPTER	32	DIFF	No	Name	16
ADAPTERTYPE	CVDAS	INQ	EPADAPTER	ADAPTERTYPE	4	LIKE	No	Adapter type	52
ADAPTERTYPE Input/output valid values	<ul style="list-style-type: none"> <li>• CUSTOM</li> <li>• HTTP</li> <li>• TDQUEUE</li> <li>• TRANSTART</li> <li>• TSQUEUE</li> <li>• WMQ</li> </ul>								
AUTHORITY	CVDAS	INQ	EPADAPTER	AUTHORITY	4	LIKE	No	Authority	56
AUTHORITY Input/output valid values	<ul style="list-style-type: none"> <li>• CONTEXT</li> <li>• REGION</li> <li>• USERID</li> <li>• DEFAULT</li> </ul>								
AUTHUSERID	CHAR	INQ	EPADAPTER	AUTHUSERID	8	DIFF	No	Authority user ID	120
BUNDLE	CHAR	INQ			8	DIFF	No	Bundle name	224
CHANGEAGENT	CVDAS	INQ	EPADAPTER	CHANGEAGENT	4	LIKE	No	Last modification agent	60
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>								
CHANGEAGREL	CHAR	INQ	EPADAPTER	CHANGEAGREL	4	DIFF	No	Last modification agent release	64
CHANGETIME	DATETIME	INQ	EPADAPTER	CHANGETIME	8	MAX	No	Last modification time	104
CHANGEUSRID	CHAR	INQ	EPADAPTER	CHANGEUSRID	8	DIFF	No	Last modification user ID	68
CONFIGDATA1	CHAR	INQ	EPADAPTER	CONFIGDATA1	64	DIFF	No	Event processing adapter configuration data	128
DATAFORMAT	CVDAS	INQ	EPADAPTER	DATAFORMAT	4	LIKE	No	Event format	192
DATAFORMAT Input/output valid values	<ul style="list-style-type: none"> <li>• USER</li> <li>• CBER</li> <li>• CBE</li> <li>• CCE</li> <li>• CFE</li> <li>• WBE</li> <li>• DSIE</li> </ul>								
DEFINESOURCE	CHAR	INQ	EPADAPTER	DEFINESOURCE	8	DIFF	No	Source of the resource definition	76
DEFINETIME	DATETIME	INQ	EPADAPTER	DEFINETIME	8	MAX	No	Creation time	96
EMITMODE	CVDAS	INQ	EPADAPTER	EMITMODE	4	LIKE	No	Emission mode	196
EMITMODE Input/output valid values	<ul style="list-style-type: none"> <li>• ASYNCHRONOUS</li> <li>• SYNCHRONOUS</li> </ul>								
ENABLESTATUS	CVDAS	CPSM	EPADAPTER	ENABLESTATUS	4	LIKE	Yes	Enabled status	48
ENABLESTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>								

Table 365. EPADAPT resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
INSTALLAGENT	CVDAS	INQ	EPADAPTER	INSTALLAGENT	4	LIKE	No	Installation agent	84
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>BUNDLE</li> </ul>								
INSTALLTIME	DATETIME	INQ	EPADAPTER	INSTALLTIME	8	MAX	No	Installation time	112
INSTALLUSRID	CHAR	INQ	EPADAPTER	INSTALLUSRID	8	DIFF	No	Installation user ID	88
INVOKETYPE	CVDAS	INQ			4	LIKE	No	Invoke type	200
INVOKETYPE Input/output valid values	<ul style="list-style-type: none"> <li>ATTACH</li> <li>LINK</li> </ul>								
PRIORITY	CVDAS	INQ	EPADAPTER	PRIORITY	4	LIKE	No	Priority	204
PRIORITY Input/output valid values	<ul style="list-style-type: none"> <li>HIGH</li> <li>NORMAL</li> </ul>								
PROGRAM	CHAR	INQ	EPADAPTER	PROGRAM	8	DIFF	No	Program	208
PUTEVENTS	BINARY	STAT	DFHEPRDS	EPR_PUT_EVENTS	4	MAX	No	Number of events emitted	232
TRANSACTION	CHAR	INQ	EPADAPTER	TRANSACTION	4	DIFF	No	Transaction	216
TRANSMODE	CVDAS	INQ	EPADAPTER	TRANSMODE	4	LIKE	No	Transactionality	220
TRANSMODE Input/output valid values	<ul style="list-style-type: none"> <li>NONTRANS</li> <li>TRANS</li> </ul>								



# Chapter 157. EPADSET Resource Table

This CICS resource object provides information about event processing adapter sets.

The **Primary** key field for this resource class is EPADAPTERSET.

The following actions are supported:

**DISABLE**

Disable an EP adapter set. When disabled, the EP adapter set is not available to CICS.

**ENABLE**

Enable an EP adapter set. When enabled, the EP adapter set is available to CICS.

**External resource name(CMCI)**

CICSEPAdapterSet

**Object type**

CICS Resource

**Length**

120

**Usage**

API, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0212

**CICS Commands subject to CICS Security**

INQUIRE EPADAPTERSET

Table 366. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A

Table 367. EPADSET resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	12
EPADAPTERSET-1	CHAR	INQ	EPADAPTERSET	EPADAPTERSET	32	DIFF	No	Name	16

Table 367. EPADSET resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
ADAPTERNUM	BINARY	INQ	EPADAPTERSET	EPADAPTERNUM	4	SUM	No	EP adapter count	52
CHANGEAGENT	CVDAS	INQ	EPADAPTERSET	CHANGEAGENT	4	LIKE	No	Last modification agent	56
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>								
CHANGEAGREL	CHAR	INQ	EPADAPTERSET	CHANGEAGREL	4	DIFF	No	Last modification agent release	60
CHANGETIME	DATETIME	INQ	EPADAPTERSET	CHANGETIME	8	MAX	No	Last modification time	104
CHANGEUSRID	CHAR	INQ	EPADAPTERSET	CHANGEUSRID	8	DIFF	No	Last modification user ID	64
DEFINESOURCE	CHAR	INQ	EPADAPTERSET	DEFINESOURCE	8	DIFF	No	Source of the resource definition	72
DEFINETIME	DATETIME	INQ	EPADAPTERSET	DEFINETIME	8	MAX	No	Creation time	96
ENABLESTATUS	CVDAS	INQ	EPADAPTERSET	ENABLESTATUS	4	LIKE	Yes	Enabled status	48
ENABLESTATUS Input/ output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>								
INSTALLAGENT	CVDAS	INQ	EPADAPTERSET	INSTALLAGENT	4	LIKE	No	Installation agent	80
INSTALLAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• BUNDLE</li> </ul>								
INSTALLTIME	DATETIME	INQ	EPADAPTERSET	INSTALLTIME	8	MAX	No	Installation time	112
INSTALLUSRID	CHAR	INQ	EPADAPTERSET	INSTALLUSRID	8	DIFF	No	Installation user ID	84

## Chapter 158. EPAINSET Resource Table

This CICS resource object provides the name of event processing adapters in an event processing adapter set.

The **Primary** key field for this resource class is EPADAPTERSET.

The **Secondary** key field for this resource class is EPADAPTER.

This resource class has no object specific actions.

### External resource name(CMCI)

CICSEAdapterInSet

### Object type

CICS Resource

### Length

80

### Usage

API, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0213

### CICS Commands subject to CICS Security

INQUIRE EPADAPTERSET

Table 368. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 369. EPAINSET resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>EPADAPTERSET-1</b>	CHAR	INQ	EPADAPTINSET	EPADAPTERSET	32	DIFF	EP adapter set name	48
<b>EPADAPTER-2</b>	CHAR	INQ	EPADAPTINSET	EPADAPTER	32	DIFF	EP adapter name	16





## Chapter 159. EPLEXCHG Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EPLEXCHG is emitted by a Communications control object when a CICSplex definition is created, updated, or removed.

### Object type

CICSplex SM Notification

### Length

40

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2480

Table 370. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 371. EPLEXCHG resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	BINARY	CPSM	1	LIKE	Status	10
ACTION Input/output valid values	<ul style="list-style-type: none"><li>1 (PLEXADD) - CICSplex Add</li><li>2 (PLEXUPD) - CICSplex Update</li><li>3 (PLEXREM) - CICSplex Remove</li><li>4 (PLEXA_E) - CICSplex Add - Plex Exists</li><li>5 (PLEXA_F) - CICSplex Add - Add Failed</li><li>6 (PLEXA_U) - CICSplex Add - Undelete</li></ul>					
BOTRSUPD	BINARY	CPSM	1	LIKE	RS server bottom tier	24
CICSPLEX	CHAR	CPSM	8	LIKE	CICSplex name	0
DAYLGHTSV	EYUDA	CPSM	4	LIKE	Daylight saving time in effect	16
DAYLGHTSV Output valid values	<ul style="list-style-type: none"><li>YES</li><li>NO</li></ul>					
INTERVAL	BINARY	CPSM	2	LIKE	Performance interval	8
READRS	BINARY	CPSM	2	LIKE	RS server read interval	20
RSPOLID	CHAR	CPSM	8	LIKE	RS server pool name	25

Table 371. EPLEXCHG resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
TMEZONE	CHAR	CPSM	1	LIKE	Time zone	12
TMEZONEO	BINARY	CPSM	1	LIKE	Time zone offset	11
TOPRSUPD	BINARY	CPSM	1	LIKE	RS server top tier	23
UPDATERS	BINARY	CPSM	1	LIKE	RS server update frequency	22

# Chapter 160. ERESSTAT Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERESSTAT is emitted by a Topology control object when a CICS Resource object has an operational state transition. ERESSTAT is only emitted if the MAS is the target of resource status facility status monitoring.

**Object type**

CICSplex SM Notification

**Length**

72

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2605

Table 372. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 373. ERESSTAT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
CICSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0
RESCLASS	CHAR	CPSM	8	LIKE	Resource class	16
RESNAME	CHAR	CPSM	44	LIKE	Resource name	24
RESSTAT	BINARY	CPSM	4	LIKE	Resource class status	68



# Chapter 161. ERMCAIMD Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCAIMD is emitted by a Topology control object when a autoinstall terminal model resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2557

Table 374. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 375. ERMCAIMD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	24
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - Install Resource</li><li>D (DSC) - Discard Resource</li><li>U (UPD) - Update Resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	8	LIKE	Autoinstalled model name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 162. ERMCA TOM Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCA TOM is emitted by a Topology control object when a ATOMSERVICE resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2651

Table 376. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 377. ERMCA TOM resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	24
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	8	LIKE	ATOMSERVICE name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0





## Chapter 163. ERMCBUND Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCBUND is emitted by a Topology control object when a BUNDLE resource map is changed. The resource that caused the change and the action are described in the notification.

### Object type

CICSplex SM Notification

### Length

120

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2652

Table 378. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 379. ERMCBUND resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	24
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
BUNDLEID	CHAR	INQ	64	DIFF	Bundle ID	32
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
MAJORVERSION	BINARY	INQ	4	MAX	Major Version	96
MGMTPART	CHAR	CPSM	8	DIFF	Management Part	108
MICROVERSION	BINARY	INQ	4	MAX	Micro Version	104
MINORVERSION	BINARY	INQ	4	MAX	Minor Version	100
NAME	CHAR	CPSM	8	LIKE	BUNDLE name	16
PARTCOUNT	BINARY	INQ	4	LIKE	Part count	28
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 164. ERMCCONN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCCONN is emitted by a Topology control object when a connection resource map is changed. The resource that caused the change and the action are described in the notification.

### Object type

CICSplex SM Notification

### Length

40

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2492

Table 380. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 381. ERMCCONN resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	32
ACTION Input/output valid values	<ul style="list-style-type: none"><li>• I (INS) - install resource</li><li>• D (DSC) - discard resource</li><li>• U (UPD) - update resource</li></ul>					
CONNTYPE	EYUDA	CPSM	4	LIKE	Connection type	20
CONNTYPE Output valid values	<ul style="list-style-type: none"><li>• LU61</li><li>• LU62</li><li>• MRO</li><li>• INDIRECT</li><li>• EXCI</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	4	LIKE	Connection name	16
NETNAME	CHAR	INQ	8	LIKE	Target network name	24
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



# Chapter 165. ERMCDDB2C Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCDDB2C is emitted by a Topology control object when a DB2 connection resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2621

Table 382. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 383. ERMCDDB2C resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	24
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	8	LIKE	DB2 connection name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 166. ERMCDDB2E Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCDDB2E is emitted by a Topology control object when a DB2 entry resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2622

Table 384. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 385. ERMCDDB2E resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	24
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	8	LIKE	DB2 entry name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0





## Chapter 167. ERMCDDB2P Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCDDB2P is emitted by a Topology control object when a DB2 packageset resource map is changed. The resource that caused the change and the action are described in the notification.

### Object type

CICSplex SM Notification

### Length

168

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2671

Table 386. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 387. ERMCDDB2P resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	160
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
APPLTOKEN	HEX	CPSM	8	LIKE	Application Qualifier Token	152
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	128	LIKE	DB2 packageset name	16
PLATOKEN	HEX	CPSM	8	LIKE	Platform Qualifier Token	144
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 168. ERMCDDB2T Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCDDB2T is emitted by a Topology control object when a DB2 transaction resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2623

Table 388. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 389. ERMCDDB2T resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	24
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	8	LIKE	DB2 transaction name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 169. ERMCDOCT Resource Table

A CPSM notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM notifications have no key fields and do not support object specific actions.

ERMCDOCT is emitted by a Topology control object when a Document Template resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2631

Table 390. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 391. ERMCDOCT resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	24
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	8	LIKE	Document template name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 170. ERMCDSNM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCDSNM is emitted by a Topology control object when a data set resource map is changed. The resource that caused the change and the action are described in the notification.

### Object type

CICSplex SM Notification

### Length

72

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2585

Table 392. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 393. ERMCDSNM resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	64
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
DTYPE	CVDAS	CPSM	4	LIKE	Data set type	60
DTYPE Output valid values	<ul style="list-style-type: none"><li>VSAM</li><li>BDAM</li></ul>					
NAME	CHAR	CPSM	44	LIKE	Data set name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0





## Chapter 171. ERMENQM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMENQM is emitted by a Topology control object when a ENQ/DEQ resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2625

Table 394. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 395. ERMENQM resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	24
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	8	LIKE	Enqueue model name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 172. ERMCEVBD Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCEVBD is emitted by a Topology control object when an EVENTBINDING resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

56

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2654

Table 396. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 397. ERMCEVBD resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	48
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	32	LIKE	Event Binding name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 173. ERMCEVCS Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCEVCS is emitted by a Topology control object when a CAPTURESPEC resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

88

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2657

Table 398. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 399. ERMCEVCS resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	80
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
EVENTBINDING	CHAR	CPSM	32	LIKE	Event binding name	48
NAME	CHAR	CPSM	32	LIKE	Event Processing Capture Spec name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



# Chapter 174. ERMCFECO Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCFECO is emitted by a Topology control object when a FEPI connection resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2586

Table 400. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 401. ERMCFECO resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	20
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	4	LIKE	FEPI connection name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0





## Chapter 175. ERMCFEND Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCFEND is emitted by a Topology control object when a FEPI node resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2558

Table 402. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 403. ERMCFEND resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	24
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - Install Resource</li><li>D (DSC) - Discard Resource</li><li>U (UPD) - Update Resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	8	LIKE	FEPI node name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



# Chapter 176. ERMCFEPO Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCFEPO is emitted by a Topology control object when a FEPI pool resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2559

<i>Table 404. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 405. ERMCFEPO resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	24
ACTION Input/output valid values	<ul style="list-style-type: none"> <li>I (INS) - Install Resource</li> <li>D (DSC) - Discard Resource</li> <li>U (UPD) - Update Resource</li> </ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	8	LIKE	FEPI pool name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 177. ERMCFETR Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCFETR is emitted by a Topology control object when a FEPI target resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2560

Table 406. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 407. ERMCFETR resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	24
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - Install Resource</li><li>D (DSC) - Discard Resource</li><li>U (UPD) - Update Resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	8	LIKE	FEPI target name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 178. ERMCFILE Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCFILE is emitted by a Topology control object when a file resource map is changed. The resource that caused the change and the action are described in the notification.

### Object type

CICSplex SM Notification

### Length

48

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2493

Table 408. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 409. ERMCFILE resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	40
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
FILETYPE	EYUDA	CPSM	4	LIKE	File type	24
FILETYPE Output valid values	<ul style="list-style-type: none"><li>LFILE</li><li>RFILE</li><li>CTABL</li><li>UTABL</li><li>CFTBL</li></ul>					
NAME	CHAR	CPSM	8	LIKE	File name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0
REMOTENAME	CHAR	CPSM	8	LIKE	Remote file name	28
REMOTESYSTEM	CHAR	CPSM	4	LIKE	Remote system name	36





# Chapter 179. ERMCGLUE Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCGLUE is emitted by a Topology control object when a global user exit resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

40

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2587

Table 410. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 411. ERMCGLUE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	32
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
EXITNAME	CHAR	CPSM	8	LIKE	Exit point name	24
NAME	CHAR	CPSM	8	LIKE	Global user exit program name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 180. ERMCI PCN Resource Table

The ERMCI PCN views display changes to an instance of an IPIC connection (IPCONN) within a CICS system.

**Object type**

CICSplex SM Notification

**Length**

40

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2642

Table 412. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 413. ERMCI PCN resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	36
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CONNTYPE	EYUDA	CPSM	4	LIKE	Connection type	24
CONNTYPE Output valid values	<ul style="list-style-type: none"><li>IPIC</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	8	LIKE	IP Connection name	16
NETNAME	CHAR	INQ	8	LIKE	Target network name	28
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 181. ERM CJRNL Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERM CJRNL is emitted by a Topology control object when a journal resource map is changed. The resource that caused the change and the action are described in the notification.

### Object type

CICSplex SM Notification

### Length

24

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2494

Table 414. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 415. ERM CJRNL resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	22
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
JRNLTYP	CVDAS	INQ	4	LIKE	Journal type	16
JRNLTYP Output valid values	<ul style="list-style-type: none"><li>DISK1</li><li>DISK2</li><li>DISK2PAUSE</li><li>SMF</li><li>TAPE1</li><li>TAPE2</li></ul>					
NAME	BINARY	INQ	2	LIKE	Journal name	20
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 182. ERM CJRNM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERM CJRNM is emitted by a Topology control object when a journal name resource map is changed. The resource that caused the change and the action are described in the notification.

### Object type

CICSplex SM Notification

### Length

24

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2600

Table 416. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 417. ERM CJRNM resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	22
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - Install resource</li><li>D (DSC) - Discard resource</li><li>U (UPD) - Update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
JRNLTYP	CVDAS	INQ	4	LIKE	Log stream type	16
JRNLTYP Output valid values	<ul style="list-style-type: none"><li>MVS</li><li>SMF</li><li>DUMMY</li></ul>					
NAME	BINARY	INQ	2	LIKE	Journal name	20
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0





## Chapter 183. ERM CJVMS Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERM CJVMS is emitted by a Topology control object when a JVM SERVER resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2656

Table 418. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 419. ERM CJVMS resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	24
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	8	LIKE	JVM server name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 184. ERMCLIBR Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCLIBR is emitted by a Topology control object when a LIBRARY resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

40

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2645

Table 420. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 421. ERMCLIBR resource table attributes							
Name	Datatype	Source	Len	Sum	Description	Get Invalid	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action		24
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>						
APPLTOKEN	BINARY	CPSM	8	MAX	Application Qualifier Token	E640 E650 E660 E670 E680	25
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name		8
NAME	CHAR	CPSM	8	LIKE	LIBRARY name		16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name		0



# Chapter 185. ERMCMODE Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCMODE is emitted by a Topology control object when a modename resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2495

Table 422. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 423. ERMCMODE resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	24
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	INQ	8	LIKE	Mode name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



# Chapter 186. ERMCNODJ Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCNODJ is emitted by a Topology control object when a NODEJSAPP resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**  
CICSplex SM Notification

**Length**  
56

**Usage**  
API

**API view**  
No

**CMAS context**  
No

**SCOPE applies**  
No

**Only query CMASs in workload**  
No

**Copybook identifier**  
EYUt2674

Table 424. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 425. ERMCNODJ resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	48
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	32	LIKE	Node.js Application name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0





## Chapter 187. ERMCOSGB Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCOSGB is emitted by topology control object when an OSGIBUNDLE resource map is changed. The resource that caused the change and the action are described in the notification.

### Object type

CICSplex SM Notification

### Length

40

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2668

Table 426. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 427. ERMCOSGB resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	36
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
JVMSERVER	CHAR	CPSM	8	LIKE	JVM server name	24
OSGIBUNDLEID	BINARY	CPSM	8	LIKE	OSGI bundle ID	16
OSGISTATUS	CVDAS	INQ	4	LIKE	OSGI bundle Status	32
OSGISTATUS Input/output valid values	<ul style="list-style-type: none"><li>ACTIVE</li><li>INSTALLED</li><li>RESOLVED</li><li>STARTING</li><li>STOPPING</li><li>UNINSTALLED</li></ul>					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 188. ERMCOSGS Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCOSGS is emitted by topology control object when an OSGISERVICE resource map is changed. The resource that caused the change and the action are described in the notification.

### Object type

CICSplex SM Notification

### Length

40

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2667

Table 428. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 429. ERMCOSGS resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	36
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
JVMSEVER	CHAR	CPSM	8	LIKE	JVM server name	24
OSGISERVID	BINARY	CPSM	8	LIKE	OSGI service ID	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0
SRVCSTATUS	CVDAS	INQ	4	LIKE	Service Status	32
SRVCSTATUS Input/output valid values	<ul style="list-style-type: none"><li>ACTIVE</li><li>INACTIVE</li></ul>					



# Chapter 189. ERMCPART Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCPART is emitted by a Topology control object when a partner table resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2561

Table 430. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 431. ERMCPART resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	24
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - Install Resource</li><li>D (DSC) - Discard Resource</li><li>U (UPD) - Update Resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	8	LIKE	Partner name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



# Chapter 190. ERMCIPIE Resource Table

A CICSplex SM notification resource. Interest in this notification can be registered by issuing an API **LISTEN** command and naming this resource in the EVENT option.

CPSM notifications have no key fields and do not support object specific actions.

ERMCIPIE is emitted by a topology control object when a pipeline resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2650

Table 432. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 433. ERMCIPIE resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	24
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	8	LIKE	PIPELINE name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0





## Chapter 191. ERMCPRGM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCPRGM is emitted by a Topology control object when a program resource map is changed. The resource that caused the change and the action are described in the notification.

### Object type

CICSplex SM Notification

### Length

48

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2496

Table 434. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 435. ERMCPRGM resource table attributes							
Name	Datatype	Source	Len	Sum	Description	Get Invalid	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action		36
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>						
APPLTOKEN	BINARY	CPSM	8	MAX	Application Qualifier Token	E640 E650 E660 E670 E680	37
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name		8
NAME	CHAR	INQ	8	LIKE	Program name		16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name		0
REMOTENAME	CHAR	INQ	8	LIKE	Program name in remote system		24
REMOTESYSTEM	CHAR	INQ	4	LIKE	Remote system name		32



## Chapter 192. ERMCPROF Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCPROF is emitted by a Topology control object when a profile resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2562

Table 436. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 437. ERMCPROF resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	24
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - Install Resource</li><li>D (DSC) - Discard Resource</li><li>U (UPD) - Update Resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	8	LIKE	Profile name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



# Chapter 193. ERMCPRTY Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCPRTY is emitted by a Topology control object when a process type resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2629

Table 438. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 439. ERMCPRTY resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	24
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	8	LIKE	Process type name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



# Chapter 194. ERMCRQMD Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCRQMD is emitted by a Topology control object when a requests resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2626

Table 440. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 441. ERMCRQMD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	24
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	8	LIKE	Request model name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0





# Chapter 195. ERMCSMDMP Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCSMDMP is emitted by a Topology control object when a system dump code resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2588

Table 442. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 443. ERMCSMDMP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	24
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	8	LIKE	System dump code	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 196. ERMCTCPS Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCTCPS is emitted by a Topology control object when a TCPIP Service resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2630

Table 444. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 445. ERMCTCPS resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	24
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	8	LIKE	TCP/IP service name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 197. ERMCTDMP Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCTDMP is emitted by a Topology control object when a transaction dump code resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2589

Table 446. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 447. ERMCTDMP resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	20
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	4	LIKE	Transaction dump code	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 198. ERMCTDQ Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCTDQ is emitted by a Topology control object when a transient data queue resource map is changed. The resource that caused the change and the action are described in the notification.

### Object type

CICSplex SM Notification

### Length

40

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2497

Table 448. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 449. ERMCTDQ resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	32
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	INQ	4	LIKE	TD queue name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0
REMOTENAME	CHAR	INQ	4	LIKE	TD queue name in remote system	24
REMOTESYSTEM	CHAR	INQ	4	LIKE	Remote system name	28
TDQTYPE	CVDAS	INQ	4	LIKE	TD queue type	20
TDQTYPE Output valid values	<ul style="list-style-type: none"><li>INTRA</li><li>EXTRA</li><li>REMOTE</li><li>INDIRECT</li></ul>					





## Chapter 199. ERMCTERM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCTERM is emitted by a Topology control object when a terminal resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2498

Table 450. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 451. ERMCTERM resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	20
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	INQ	4	LIKE	Terminal name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 200. ERMCTRAN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCTRAN is emitted by a Topology control object when a transaction resource map is changed. The resource that caused the change and the action are described in the notification.

### Object type

CICSplex SM Notification

### Length

40

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2499

Table 452. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 453. ERMCTRAN resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	36
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	INQ	4	LIKE	Transaction ID	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0
REMOTENAME	CHAR	INQ	8	LIKE	Remote transaction ID	24
REMOTESYSTEM	CHAR	INQ	4	LIKE	Remote system name	32
TRANSTYPE	EYUDA	CPSM	4	LIKE	Transaction type	20
TRANSTYPE Output valid values	<ul style="list-style-type: none"><li>LTRAN</li><li>RTRAN</li></ul>					



# Chapter 201. ERMCTTRUE Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCTTRUE is emitted by a Topology control object when a task-related user exit resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

40

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2590

Table 454. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 455. ERMCTTRUE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	32
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - Install resource</li><li>D (DSC) - Discard resource</li><li>U (UPD) - Update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
ENTRYNME	CHAR	CPSM	8	LIKE	Entry Name	24
NAME	CHAR	CPSM	8	LIKE	Task-related user exit program name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 202. ERMCTSMD Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCTSMD is emitted by a Topology control object when a temporary storage queue resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2624

Table 456. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 457. ERMCTSMD resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	24
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	8	LIKE	TS model name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0





## Chapter 203. ERMCURIM Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCURIM is emitted by a Topology control object when a URIMAP resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2649

Table 458. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 459. ERMCURIM resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	24
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	8	LIKE	URIMAP name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 204. ERMWEBS Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMWEBS is emitted by a Topology control object when a WEBSERVICE resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

56

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2648

Table 460. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 461. ERMWEBS resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	48
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	32	LIKE	WEBSERVICE name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



# Chapter 205. ERM CXMLT Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERM CXMLT is emitted by a Topology control object when a XMLTRANSFORM resource map is changed. The resource that caused the change and the action are described in the notification.

**Object type**

CICSplex SM Notification

**Length**

56

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2658

Table 462. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 463. ERM CXMLT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	CHAR	CPSM	1	LIKE	Change action	48
ACTION Input/output valid values	<ul style="list-style-type: none"><li>I (INS) - install resource</li><li>D (DSC) - discard resource</li><li>U (UPD) - update resource</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
NAME	CHAR	CPSM	32	LIKE	XML Transform name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



# Chapter 206. ERMMCONN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMMCONN is emitted by a Topology control object when a connection resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

**Object type**

CICSplex SM Notification

**Length**

16

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2500

Table 464. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 465. ERMMCONN resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0





# Chapter 207. ERMMFILE Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMMFILE is emitted by a Topology control object when a file resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

**Object type**

CICSplex SM Notification

**Length**

16

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2501

Table 466. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 467. ERMMFILE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



# Chapter 208. ERMMJRNL Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMMJRNL is emitted by a Topology control object when a journal resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

**Object type**

CICSplex SM Notification

**Length**

16

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2502

Table 468. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 469. ERMMJRNL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



# Chapter 209. ERMMPRGM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMMPRGM is emitted by a Topology control object when a program resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

**Object type**

CICSplex SM Notification

**Length**

16

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2503

Table 470. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 471. ERMMPRGM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



# Chapter 210. ERMTDQ Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMTDQ is emitted by a Topology control object when a transient data queue resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

**Object type**

CICSplex SM Notification

**Length**

16

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2504

Table 472. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 473. ERMTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0





# Chapter 211. ERMATERM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMATERM is emitted by a Topology control object when a terminal resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

**Object type**

CICSplex SM Notification

**Length**

16

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2505

Table 474. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 475. ERMATERM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



# Chapter 212. ERMSTRAN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMSTRAN is emitted by a Topology control object when a transaction resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

**Object type**

CICSplex SM Notification

**Length**

16

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2506

Table 476. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 477. ERMSTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	8
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0



## Chapter 213. ESGRPCHG Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ESGRPCHG is emitted by a Topology control object when a CICS system group definition is created or removed, or the associated linkage objects are updated. For associator changes, an instance of this notification is created for each CICS system processed.

**Object type**

CICSplex SM Notification

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2479

Table 478. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 479. ESGRPCHG resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ACTION	BINARY	CPSM	1	LIKE	Status	24
ACTION Input/output valid values	<ul style="list-style-type: none"><li>1 (CSYSADD) - CICS System Added</li><li>2 (CSYSDEL) - CICS System Deleted</li><li>3 (SGRPREM) - System Group Removed</li><li>4 (SGRPADD) - System Group Added</li></ul>					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	16
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0
SGRPNAME	CHAR	CPSM	8	LIKE	System group name	8



## Chapter 214. EVALDEF Resource Table

A CPSM Real Time Analysis Definition that describes the controls used to perform an evaluation of a CICS resource, or MAS, or EVENT object.

The **Primary** key field for this resource class is NAME.

**External resource name(CMCI)**

CICSRTAEvaluationDefinition

**Object type**

CICSplex SM Definition

**Length**

1624

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2808

**Security Class**

ANALYSIS.DEF

Table 480. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

Table 481. EVALDEF FEEDBACK error codes		
Value	Code	Description
1	EVALDEF_INV_DATA	Attribute data invalid
2	EVALDEF_REC_NOT_FOUND	Requested resource not found
3	EVALDEF_INV_TERM	Terminator missing from end of string
4	EVALDEF_REC_EXISTS	Resource already exists
6	EVALDEF_INV_RESTYPE	Invalid resource type
7	EVALDEF_INV_ATTR	Attribute does not exist or is not settable

Table 482. EVALDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name			40
APPLICATION	CHAR	CPSM	64	No	DIFF	Application name			1544
APPLMAJORVER	BINARY	CPSM	4	No	DIFF	Application major version			1608
APPLMICROVER	BINARY	CPSM	4	No	DIFF	Application micro version			1616
APPLMINORVER	BINARY	CPSM	4	No	DIFF	Application minor version			1612
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/output valid values	• DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DESC	CHAR	CPSM	58	No	DIFF	Description			168
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	1476
EVALCOL	CHAR	CPSM	12	Yes	DIFF	Field being evaluated			156
EVALDATA	CHAR	CPSM	44	Yes	DIFF	Evaluation data value			270
EVALOPER	EYUDA	CPSM	4	Yes	LIKE	Evaluation logical operator	N_A		60
EVALOPER Input/output valid values	<ul style="list-style-type: none"> <li>• N_A</li> <li>• EQ</li> <li>• NE</li> <li>• LT</li> <li>• GT</li> <li>• LE</li> <li>• GE</li> </ul>								
EVALTYPE	EYUDA	CPSM	4	Yes	LIKE	Evaluation type			52
EVALTYPE Input/output valid values	<ul style="list-style-type: none"> <li>• VALUE</li> <li>• THRESHOLD</li> </ul>								
FILTER	CHAR	CPSM	800	No	DIFF	Filter string			356
GETPARMS	CHAR	CPSM	42	No	DIFF	Get parameters			314
HSDATA	CHAR	CPSM	12	Yes	DIFF	Lower bound of range for HS			116
HWDATA	CHAR	CPSM	12	Yes	DIFF	Lower bound of range for HW			104
INSTANCE	CHAR	CPSM	44	Yes	DIFF	Instance identifier of evaluated resource			226
LSDATA	CHAR	CPSM	12	Yes	DIFF	Upper bound of range for LS			80
LWDATA	CHAR	CPSM	12	Yes	DIFF	Upper bound of range for LW			92
OPRSTRING	CHAR	CPSM	320	No	DIFF	Modification string			1156
PLATFORM	CHAR	CPSM	64	No	DIFF	Platform name			1480
SAMPLE	BINARY	CPSM	4	Yes	AVG	Sample interval	300	1-86400	48
SEPTASK	EYUDA	CPSM	4	Yes	LIKE	Separate task indicator	NO		36
SEPTASK Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>								



Table 482. EVALDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
SETACTION	EYUDA	CPSM	4	Yes	LIKE	Method of evaluating results in result set			56
SETACTION Input/output valid values	<ul style="list-style-type: none"> <li>• ALL</li> <li>• ANY</li> <li>• SUM</li> <li>• MIN</li> <li>• MAX</li> <li>• AVG</li> <li>• CNT</li> </ul>								
SEVERITY	EYUDA	CPSM	4	Yes	LIKE	Severity assigned when result meets criteria	N_A		64
SEVERITY Input/output valid values	<ul style="list-style-type: none"> <li>• N_A</li> <li>• VLS</li> <li>• LS</li> <li>• LW</li> <li>• HW</li> <li>• HS</li> <li>• VHS</li> </ul>								
TABLE	CHAR	CPSM	8	Yes	DIFF	Resource table			148
VHSDATA	CHAR	CPSM	12	Yes	DIFF	Lower bound of range for VHS			128
VIEW	CHAR	CPSM	8	No	DIFF	View that may provide extra information			140
VLSDATA	CHAR	CPSM	12	Yes	DIFF	Upper bound of range for VLS			68



# Chapter 215. EVCSPEC Resource Table

This CICS resource object provides information about deployed capture specifications.

The EVCSPEC resource identifies multiple key attributes, but only the EVENTBINDING attribute can be specified in an EVALDEF INSTANCE attribute.

**Note:** The REFRESH API command is not supported for the EVCSPEC resource.

The **Primary** key field for this resource class is EVENTBINDING.

The **Secondary** key field for this resource class is CAPTURESPEC.

This resource class has no object-specific actions.

**External resource name(CMCI)**

CICSCaptureSpecification

**Object type**

CICS Resource

**Length**

240

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0195

**CICS Commands subject to CICS Security**

INQUIRE EVENTBINDING

Table 483. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 484. EVCSPEC resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		12
<b>EVENTBINDING-1</b>	CHAR	INQ	CAPTURESPEC	EVENTBINDING	32	DIFF	Event binding name		48
<b>CAPTURESPEC-2</b>	CHAR	INQ	CAPTURESPEC	CAPTURESPEC	32	DIFF	Capture specification name		16

Table 484. EVCSPEC resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
CAPTUREPOINT	CHAR	INQ	CAPTURESPEC	CAPTUREPOINT	25	DIFF	Capture point		124
CAPTURETYPE	CVDAS	INQ	CAPTURESPEC	CAPTUREPTYPE	4	LIKE	Capture point type		80
CAPTURETYPE Output valid values	<ul style="list-style-type: none"> <li>• PRECOMMAND</li> <li>• POSTCOMMAND</li> <li>• PROGRAMINIT</li> <li>• SYSTEM</li> </ul>								
CURRPGM	CHAR	INQ	CAPTURESPEC	CURRPGM	8	DIFF	Current program filter value	E640 E650 E660	156
CURRPGMOP	CVDAS	INQ	CAPTURESPEC	CURRPGMOP	4	DIFF	Current program filter operator	E640 E650 E660	164
CURRPGMOP Output valid values	<ul style="list-style-type: none"> <li>• ALLVALUES</li> <li>• DOESNOTEQUAL</li> <li>• DOESNOTSTART</li> <li>• EQUALS</li> <li>• GREATERTHAN</li> <li>• ISNOTGREATER</li> <li>• ISNOTLESS</li> <li>• LESSTHAN</li> <li>• STARTSWITH</li> </ul>								
CURRTRANID	CHAR	INQ	CAPTURESPEC	CURRTRANID	4	DIFF	Current transaction ID filter value	E640 E650 E660	168
CURRTRANIDOP	CVDAS	INQ	CAPTURESPEC	CURRTRANIDOP	4	DIFF	Current transaction ID filter operator	E640 E650 E660	172
CURRTRANIDOP Output valid values	<ul style="list-style-type: none"> <li>• ALLVALUES</li> <li>• DOESNOTEQUAL</li> <li>• DOESNOTSTART</li> <li>• EQUALS</li> <li>• GREATERTHAN</li> <li>• ISNOTGREATER</li> <li>• ISNOTLESS</li> <li>• LESSTHAN</li> <li>• STARTSWITH</li> </ul>								
CURRUSERID	CHAR	INQ	CAPTURESPEC	CURRUSERID	8	DIFF	Current user ID filter value	E640 E650 E660	176
CURRUSERIDOP	CVDAS	INQ	CAPTURESPEC	CURRUSERIDOP	4	DIFF	Current user ID filter operator	E640 E650 E660	184
CURRUSERIDOP Output valid values	<ul style="list-style-type: none"> <li>• ALLVALUES</li> <li>• DOESNOTEQUAL</li> <li>• DOESNOTSTART</li> <li>• EQUALS</li> <li>• GREATERTHAN</li> <li>• ISNOTGREATER</li> <li>• ISNOTLESS</li> <li>• LESSTHAN</li> <li>• STARTSWITH</li> </ul>								
EVENTNAME	CHAR	INQ	CAPTURESPEC	EVENTNAME	32	DIFF	Event name		84

Table 484. EVCSPEC resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
EVNTCAPFAIL	BINARY	STAT	DFHECCDS	ECC_CAPTURE_FAILURES	4	DIFF	Capture failures	E640 E650 E660	152
EVNTCAPTURED	BINARY	STAT	DFHECCDS	ECC_EVENTS_CAPTURED	8	SUM	Events captured		116
NUMDATAPRED	BINARY	INQ	CAPTURESPEC	NUMDATAPRED	4	SUM	Data predicate count	E640 E650 E660	232
NUMINFOSRCE	BINARY	INQ	CAPTURESPEC	NUMINFOSRCE	4	SUM	Information source count	E640 E650 E660	236
NUMOPTPRED	BINARY	INQ	CAPTURESPEC	NUMOPTPRED	4	SUM	Option predicate count	E640 E650 E660	228
PRIMPRED	CHAR	INQ	CAPTURESPEC	PRIMPRED	32	DIFF	Primary predicate filter value	E640 E650 E660	188
PRIMPREDOP	CVDAS	INQ	CAPTURESPEC	PRIMPREDOP	4	DIFF	Primary predicate filter operator	E640 E650 E660	220
PRIMPREDOP Output valid values	<ul style="list-style-type: none"> <li>• ALLVALUES</li> <li>• DOESNOTEQUAL</li> <li>• DOESNOTSTART</li> <li>• EQUALS</li> <li>• GREATERTHAN</li> <li>• ISNOTGREATER</li> <li>• ISNOTLESS</li> <li>• LESSTHAN</li> <li>• STARTSWITH</li> </ul>								
PRIMPREDTYPE	CVDAS	INQ	CAPTURESPEC	PRIMPREDTYPE	4	DIFF	Primary predicate type		224
PRIMPREDTYPE Output valid values	<ul style="list-style-type: none"> <li>• CONTAINER</li> <li>• CURRENTPGM</li> <li>• EVENT</li> <li>• FILE</li> <li>• MAP</li> <li>• MESSAGEID</li> <li>• NONE</li> <li>• PROGRAM</li> <li>• SERVICE</li> <li>• TDQUEUE</li> <li>• TRANCLASS</li> <li>• TRANSACTION</li> <li>• TSQUEUE</li> </ul>								



# Chapter 216. EVCSDATA Resource Table

This CICS resource object provides information about deployed data predicates.

The EVCSDATA resource identifies multiple key attributes, but only the EVENTBINDING attribute can be specified in an EVALDEF INSTANCE attribute.

The **Primary** key field for this resource class is EVENTBINDING.

The **Secondary** key field for this resource class is CAPTURESPEC.

The **Tertiary** key field for this resource class is SEQNUMBER.

This resource class has no object specific actions.

**External resource name(CMCI)**  
CICSCaptureSpecificationDataPredicate

**Object type**  
CICS Resource

**Length**  
496

**Usage**  
API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**  
Yes

**CMAS context**  
No

**SCOPE applies**  
Yes

**Only query CMASs in workload**  
No

**Copybook identifier**  
EYUt0202

**CICS Commands subject to CICS Security**  
INQUIRE EVENTBINDING

Table 485. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 486. EVCSDATA resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>EVENTBINDING-1</b>	CHAR	INQ	CAPDATAPRED	EVENTBINDING	32	DIFF	Event binding name	48
<b>CAPTURESPEC-2</b>	CHAR	INQ	CAPDATAPRED	CAPTURESPEC	32	DIFF	Capture specification name	16
<b>SEQNUMBER-3</b>	BINARY	CPSM			4	MAX	Browse sequence number	236

Table 486. EVCSDATA resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
CONTAINER	CHAR	INQ	CAPDATAPRED	CONTAINER	16	DIFF	Container name	80
FIELDLENGTH	BINARY	INQ	CAPDATAPRED	FIELDLENGTH	4	MAX	Field length	96
FIELDOFFSET	BINARY	INQ	CAPDATAPRED	FIELDOFFSET	4	MAX	The data offset within the data source	100
FILENAME	CHAR	INQ			32	DIFF	Language structure file name	104
FILTERVALUE	CHAR	INQ	CAPDATAPRED	FILTERVALUE	255	DIFF	Application data predicate value	240
LOCATION	CHAR	INQ	CAPDATAPRED	LOCATION	32	DIFF	Location of the data	136
OPERATOR	CVDAS	INQ	CAPDATAPRED	OPERATOR	4	LIKE	Comparative operator for this predicate	232
OPERATOR Output valid values	<ul style="list-style-type: none"> <li>• DOESNOTEQUAL</li> <li>• DOESNOTEXIST</li> <li>• DOESNOTSTART</li> <li>• EQUALS</li> <li>• EXISTS</li> <li>• GREATERTHAN</li> <li>• ISNOTGREATER</li> <li>• ISNOTLESS</li> <li>• LESSTHAN</li> <li>• STARTSWITH</li> </ul>							
STRUCTNAME	CHAR	INQ	CAPDATAPRED	STRUCTNAME	32	DIFF	Language structure name	168
VARIABLENAME	CHAR	INQ	CAPDATAPRED	VARIABLENAME	32	DIFF	Language structure variable name	200



# Chapter 217. EVCSINFO Resource Table

This CICS resource object provides information about deployed information sources.

The EVCSINFO resource identifies multiple key attributes, but only the EVENTBINDING attribute can be specified in an EVALDEF INSTANCE attribute.

The **Primary** key field for this resource class is EVENTBINDING.

The **Secondary** key field for this resource class is CAPTURESPEC.

The **Tertiary** key field for this resource class is SEQNUMBER.

This resource class has no object specific actions.

**External resource name(CMCI)**

CICSCaptureSpecificationInformationSource

**Object type**

CICS Resource

**Length**

272

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0203

**CICS Commands subject to CICS Security**

INQUIRE EVENTBINDING

Table 487. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 488. EVCSINFO resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>EVENTBINDING-1</b>	CHAR	INQ	CAPINFOSRCE	EVENTBINDING	32	DIFF	Event binding name	48
<b>CAPTURESPEC-2</b>	CHAR	INQ	CAPINFOSRCE	CAPTURESPEC	32	DIFF	Capture specification name	16
<b>SEQNUMBER-3</b>	BINARY	CPSM			4	MAX	Browse sequence number	264

Table 488. EVCSINFO resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
CONTAINER	CHAR	INQ	CAPINFOSRCE	CONTAINER	16	DIFF	Container name	80
FIELDLENGTH	BINARY	INQ	CAPINFOSRCE	FIELDLENGTH	4	MAX	Field length	96
FIELDOFFSET	BINARY	INQ	CAPINFOSRCE	FIELDOFFSET	4	MAX	The data offset within the data source	100
FILENAME	CHAR	INQ	CAPINFOSRCE	FILENAME	32	DIFF	Language structure file name	104
ITEMNAME	CHAR	INQ			32	DIFF	Emitted business information name	232
LOCATION	CHAR	INQ	CAPINFOSRCE	LOCATION	32	DIFF	Location of the data	136
STRUCTNAME	CHAR	INQ	CAPINFOSRCE	STRUCTNAME	32	DIFF	Language structure name	168
VARIABLENAME	CHAR	INQ	CAPINFOSRCE	VARIABLENAME	32	DIFF	Language structure variable name	200

# Chapter 218. EVCSOPT Resource Table

This CICS resource object provides information about deployed option predicates.

The EVCSOPT resource identifies multiple key attributes, but only the EVENTBINDING attribute can be specified in an EVALDEF INSTANCE attribute.

The **Primary** key field for this resource class is EVENTBINDING.

The **Secondary** key field for this resource class is CAPTURESPEC.

The **Tertiary** key field for this resource class is SEQNUMBER.

This resource class has no object specific actions.

**External resource name(CMCI)**

CICSCaptureSpecificationOptionPredicate

**Object type**

CICS Resource

**Length**

376

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0201

Table 489. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 490. EVCSOPT resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>EVENTBINDING-1</b>	CHAR	INQ	CAOPTPRED	EVENTBINDING	32	DIFF	Event binding name	48
<b>CAPTURESPEC-2</b>	CHAR	INQ	CAOPTPRED	CAPTURESPEC	32	DIFF	Capture specification name	16
<b>SEQNUMBER-3</b>	BINARY	CPSM			4	MAX	Browse sequence number	116
FILTERVALUE	CHAR	INQ			255	DIFF	Filter value	120
OPERATOR	CVDAS	INQ	CAOPTPRED	OPERATOR	4	DIFF	Comparative operator for this predicate	112

Table 490. EVCSOPT resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
OPERATOR Output valid values	<ul style="list-style-type: none"> <li>• DOESNOTEQUAL</li> <li>• DOESNOTEXIST</li> <li>• DOESNOTSTART</li> <li>• EQUALS</li> <li>• EXISTS</li> <li>• GOHIGHERTHAN</li> <li>• GOLOWERTHAN</li> <li>• GREATERTHAN</li> <li>• ISNOTGREATER</li> <li>• ISNOTLESS</li> <li>• LESSTHAN</li> <li>• STARTSWITH</li> </ul>							
OPTIONNAME	CHAR		CAPOPTPRED	OPTIONNAME	32	LIKE	Option name	80

# Chapter 219. EVENTDTL Resource Table

A CPSM Real Time Analysis Manager object that describes an evaluation that participated in the generation of an EVENT. Not all events have detail objects (refer to the DETAIL attribute of the EVENT resource table.) When present, an EVENTDTL instance is the runtime object built from an EVALDEF definition.

The **Primary** key field for this resource class is CONTEXT.

The **Secondary** key field for this resource class is EVENT.

The **Tertiary** key field for this resource class is TARGET.

The **Fourth** key field for this resource class is EVNTSEV.

The **Fifth** key field for this resource class is PRIORITY.

The **Sixth** key field for this resource class is SEQUENCE.

The **Seventh** key field for this resource class is NAME.

While the EVENT resource class identifies multiple key attributes, only the NAME attribute can be specified in an EVALDEF INSTANCE attribute.

There are no object specific actions for this resource class.

When EVENTDTL instances are requested using the API GET or REFRESH commands, the data values returned are the most current values used by the evaluation service. It is possible to see intermediate evaluation state transitions that occur before an analysis of the RTADEF that references the evaluation.

**External resource name(CMCI)**

CICSRTAEventDetail

**Object type**

CICSplex SM Manager

**Length**

480

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2520

**Security Class**

ANALYSIS.DEF

Table 491. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 492. EVENTDTL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
<b>CONTEXT-1</b>	CHAR	CPSM	8	DIFF	Context	454
<b>EVENT-2</b>	CHAR	CPSM	8	DIFF	Associated event name	24
<b>TARGET-3</b>	CHAR	CPSM	8	DIFF	Name of CICS system or group that is target of evaluation	32
<b>EVNTSEV-4</b>	EYUDA	CPSM	4	LIKE	Event severity	464
EVNTSEV-4 Output valid values	<ul style="list-style-type: none"> <li>• VLS</li> <li>• LS</li> <li>• LW</li> <li>• NM</li> <li>• HW</li> <li>• HS</li> <li>• VHS</li> </ul>					
<b>PRIORITY-5</b>	BINARY	CPSM	1	AVG	Event priority	468
<b>SEQUENCE-6</b>	BINARY	CPSM	4	AVG	Event sequence number	472
<b>NAME-7</b>	CHAR	CPSM	8	DIFF	Name of associated evaluation definition	16
CURRDATA	TEXT	CPSM	44	DIFF	Actual data value at last evaluation	260
DATETIME	DATETIME	CPSM	8	MAX	Date and time when evaluation was last true	144
EDEFTIME	DATETIME	CPSM	8	MAX	Date and time when evaluation definition created	136
EVALCOL	CHAR	CPSM	12	DIFF	Name of field being evaluated	204
EVALDATA	TEXT	CPSM	44	DIFF	Evaluation data value	216
EVALOPER	EYUDA	CPSM	4	LIKE	Evaluation logical operator	52
EVALOPER Output valid values	<ul style="list-style-type: none"> <li>• EQ</li> <li>• NE</li> <li>• LT</li> <li>• GT</li> <li>• LE</li> <li>• GE</li> </ul>					
EVALTYPE	EYUDA	CPSM	4	LIKE	Evaluation type	48
EVALTYPE Output valid values	<ul style="list-style-type: none"> <li>• VALUE</li> <li>• THRESHOLD</li> </ul>					
HSDATA	CHAR	CPSM	12	DIFF	Lower boundary for severity of HS	112
HWDATA	CHAR	CPSM	12	DIFF	Lower boundary for severity of HW	100
INSTANCE	CHAR	CPSM	44	DIFF	Name of resource being evaluated	160
KEY	CHAR	CPSM	134	DIFF	Identifier of specific resource that caused event	320
LSDATA	CHAR	CPSM	12	DIFF	Lower boundary for severity of LS	76
LWDATA	CHAR	CPSM	12	DIFF	Lower boundary for severity of LW	88
RATE	BINARY	CPSM	4	AVG	Evaluation interval (seconds)	60
RESTYPE	CHAR	CPSM	8	DIFF	Resource type	312
SETACTION	EYUDA	CPSM	4	LIKE	Result set evaluation type	56

Table 492. EVENTDTL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
SETACTION Output valid values	<ul style="list-style-type: none"> <li>• ALL</li> <li>• ANY</li> <li>• SUM</li> <li>• MIN</li> <li>• MAX</li> <li>• AVG</li> <li>• CNT</li> </ul>					
SEVERITY	EYUDA	CPSM	4	LIKE	Current severity	44
SEVERITY Output valid values	<ul style="list-style-type: none"> <li>• VLS</li> <li>• LS</li> <li>• LW</li> <li>• NM</li> <li>• HW</li> <li>• HS</li> <li>• VHS</li> </ul>					
STATE	EYUDA	CPSM	4	LIKE	Result of evaluation	40
STATE Output valid values	<ul style="list-style-type: none"> <li>• TRUE</li> <li>• FALSE</li> </ul>					
TABLE	CHAR	CPSM	8	DIFF	Resource table name	152
VHSDATA	CHAR	CPSM	12	DIFF	Lower boundary for severity of VHS	124
VIEW	CHAR	CPSM	8	DIFF	Name of a view that may provide extra information	304
VLSDATA	CHAR	CPSM	12	DIFF	Lower boundary for severity of VLS	64





# Chapter 220. EVENT Resource Table

A CPSM Real Time Analysis Manager object that describes an outstanding condition reported by an RTA service. The EVENT instance can be generated as a result of SAM, APM, or MRM processing. The type and mode of the condition are described in the instance.

For APM and MRM generated EVENTS, the name of the instance is the name of the RTADEF or STATDEF that was found to be TRUE.

The **Primary** key field for this resource class is EVENT.

The **Secondary** key field for this resource class is NAME.

The **Tertiary** key field for this resource class is TARGET.

The **Fourth** key field for this resource class is SEVERITY.

The **Fifth** key field for this resource class is PRIORITY.

The **Sixth** key field for this resource class is SEQUENCE.

While the EVENT resource class identifies multiple key attributes, only the NAME attribute can be specified in an EVALDEF INSTANCE attribute.

There are no object specific actions for this resource class.

The internal creation or updating of an EVENT object is always noted by an EACTNTFN notification. By registering interest in this notification, EVENT objects need not be polled to see if changes have occurred.

**External resource name(CMCI)**

CICSRTAEvent

**Object type**

CICSplex SM Manager

**Length**

408

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2519

**Security Class**

ANALYSIS.DEF

Table 493. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 494. EVENT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
<b>CONTEXT-1</b>	CHAR	CPSM	8	DIFF	Name of context to which event applies	398
<b>NAME-2</b>	CHAR	CPSM	8	DIFF	Event name	16
<b>TARGET-3</b>	CHAR	CPSM	8	DIFF	Current event target	24
<b>SEVERITY-4</b>	EYUDA	CPSM	4	LIKE	Event severity	32
SEVERITY-4 Output valid values	<ul style="list-style-type: none"> <li>• VLS</li> <li>• LS</li> <li>• LW</li> <li>• HW</li> <li>• HS</li> <li>• VHS</li> </ul>					
<b>PRIORITY-5</b>	BINARY	CPSM	1	AVG	Event priority	192
<b>SEQUENCE-6</b>	BINARY	CPSM	4	AVG	Event sequence number	252
ACTION	CHAR	CPSM	8	DIFF	Action name	176
CMAS	CHAR	CPSM	8	DIFF	CMAS in which event was raised	168
CURHSENTRY	BINARY	CPSM	4	AVG	Current HS true evaluation count	120
CURHSEXIT	BINARY	CPSM	4	AVG	Current HS false evaluation count	144
CURHWENTRY	BINARY	CPSM	4	AVG	Current HW true evaluation count	116
CURHWEXIT	BINARY	CPSM	4	AVG	Current HW false evaluation count	140
CURLSENTRY	BINARY	CPSM	4	AVG	Current LS true evaluation count	108
CURLSEXIT	BINARY	CPSM	4	AVG	Current LS false evaluation count	132
CURLWENTRY	BINARY	CPSM	4	AVG	Current LW true evaluation count	112
CURLWEXIT	BINARY	CPSM	4	AVG	Current LW false evaluation count	136
CURVHSENTRY	BINARY	CPSM	4	AVG	Current VHS true evaluation count	124
CURVHSEXIT	BINARY	CPSM	4	AVG	Current VHS false evaluation count	148
CURVLSSENTRY	BINARY	CPSM	4	AVG	Current VLS true evaluation count	104
CURVLSEXIT	BINARY	CPSM	4	AVG	Current VLS false evaluation count	128
DATETIME	DATETIME	CPSM	8	MAX	Date and time when event was created	160
DESC	CHAR	CPSM	58	DIFF	Event description	193
DETAIL	EYUDA	CPSM	4	LIKE	Detailed information availability	40
DETAIL Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>					
EVALTYPE	EYUDA	CPSM	4	LIKE	Event type	36
EVALTYPE Output valid values	<ul style="list-style-type: none"> <li>• SAM</li> <li>• APM</li> <li>• MRM</li> </ul>					
GENALERT	EYUDA	CPSM	4	LIKE	SNA generic alert generation	48
GENALERT Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>					
GENEXTMSG	EYUDA	CPSM	4	LIKE	External message generation	44
GENEXTMSG Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>					

Table 494. EVENT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
HSEENTRY	BINARY	CPSM	4	AVG	Evaluation count with HS true before event	72
HSEXIT	BINARY	CPSM	4	AVG	Evaluation count with HS false before resolution	96
HWENTRY	BINARY	CPSM	4	AVG	Evaluation count with HW true before event	68
HWEXIT	BINARY	CPSM	4	AVG	Evaluation count with HW false before resolution	92
KEY	CHAR	CPSM	134	DIFF	Name of specific resource that caused event	264
LSEENTRY	BINARY	CPSM	4	AVG	Evaluation count with LS true before event	60
LSEXIT	BINARY	CPSM	4	AVG	Evaluation count with LS false before resolution	84
LWENTRY	BINARY	CPSM	4	AVG	Evaluation count with LW true before event	64
LWEXIT	BINARY	CPSM	4	AVG	Evaluation count with LW false before resolution	88
NETVIEW	CHAR	CPSM	8	DIFF	CMAS to which Netview attached	152
RATE	BINARY	CPSM	4	AVG	Interval between evaluations	52
RESTYPE	CHAR	CPSM	8	DIFF	Resource type	256
VHSEENTRY	BINARY	CPSM	4	AVG	Evaluation count with VHS true before event	76
VHSEXIT	BINARY	CPSM	4	AVG	Evaluation count with VHS false before resolution	100
VIEW	CHAR	CPSM	8	DIFF	Associated user data	184
VLSEENTRY	BINARY	CPSM	4	AVG	Evaluation count with VLS true before event	56
VLSEXIT	BINARY	CPSM	4	AVG	Evaluation count with VLS false before resolution	80



# Chapter 221. EVNTBIND Resource Table

This CICS resource object provides information about event bindings.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**ENABLE**

The event binding is enabled. Capture of events matching capture specifications in this event binding starts immediately.

**DISABLE**

The event binding is disabled. Capture of events matching capture specifications in this event binding is stopped immediately. Any events already captured are emitted.

**External resource name(CMCI)**

CICSEventBinding

**Object type**

CICS Resource

**Length**

200

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0192

**CICS Commands subject to CICS Security**

INQUIRE EVENTBINDING

Table 495. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A
	DISCARD	None	N/A

Table 496. EVNTBIND resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		12
NAME-1	CHAR	INQ	EVENTBINDING	EVENTBINDING	32	DIFF	No	Name		16
BUNDLE	CHAR	INQ			8	DIFF	No	Bundle name		60
CHANGEAGENT	CVDAS	INQ	EVENTBINDING	CHANGEAGENT	4	LIKE	No	Last modification agent		68
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>									
CHANGEAGREL	CHAR	INQ	EVENTBINDING	CHANGEAGREL	4	DIFF	No	Last modification agent release		72
CHANGETIME	DATETIME	INQ	EVENTBINDING	CHANGETIME	8	MAX	No	Last modification time		112
CHANGEUSRID	CHAR	INQ	EVENTBINDING	CHANGEUSRID	8	DIFF	No	Last modification user ID		76
DEFINESOURCE	CHAR	INQ	EVENTBINDING	DEFINESOURCE	8	DIFF	No	Source of the resource definition		84
DEFINETIME	DATETIME	INQ	EVENTBINDING	DEFINETIME	8	MAX	No	Creation time		104
ENABLESTATUS	CVDAS	CPSM	EVENTBINDING	ENABLESTATUS	4	LIKE	Yes	Enabled status		48
ENABLESTATUS Input/ output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>									
EPADAPTER	CHAR	INQ	EVENTBINDING	EPADAPTER	32	DIFF	No	Event processing adapter	E640 E650 E660	128
EPADAPTERRES	CVDAS	INQ	EVENTBINDING	EPADAPTERRES	4	DIFF	No	Event processing adapter resource type	E640 E650 E660 E670	192
EPADAPTERRES Input/ output valid values	<ul style="list-style-type: none"> <li>• EPADAPTER</li> <li>• EPADAPTERSET</li> </ul>									
EPADAPTERSET	CHAR	INQ	EVENTBINDING	EPADAPTERSET	32	DIFF	No	Event processing adapter set	E640 E650 E660 E670	160
INSTALLAGENT	CVDAS	INQ	EVENTBINDING	INSTALLAGENT	4	LIKE	No	Installation agent		92
INSTALLAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• BUNDLE</li> </ul>									
INSTALLTIME	DATETIME	INQ	EVENTBINDING	INSTALLTIME	8	MAX	No	Installation time		120
INSTALLUSRID	CHAR	INQ	EVENTBINDING	INSTALLUSRID	8	DIFF	No	Installation user ID		96
USERTAG	CHAR	INQ	EVENTBINDING	USERTAG	8	DIFF	No	User tag		52

# Chapter 222. EVNTGBL Resource Table

This CICS resource object provides information about event processing.

A particular CICS region has only one instance of the resource.

The following actions are supported:

**START**

The EVENTPROCESS state is changed to STARTED. For inflight transactions, the capture of nontransactional events starts immediately and the capture of transactional events starts at the next sync point.

**DRAIN**

The EVENTPROCESS state is changed to DRAIN, and event capture is stopped immediately. Any transactional events on the dispatcher queue are deleted. Transactional events are not considered captured until a sync point occurs and a sync point event will not now be captured. Any nontransactional events are emitted. When the last event on the queue is emitted, the EVENTPROCESS state changes to STOPPED.

**STOP**

The EVENTPROCESS state is changed to STOPPED, and event capture is stopped immediately. All events on the dispatcher queue are deleted.

**External resource name(CMCI)**

CICSEventProcessing

**Object type**

CICS Resource

**Length**

176

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0193

**CICS Commands subject to CICS Security**

INQUIRE EVENTPROCESS

Table 497. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	START	None	N/A

Table 497. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
	DRAIN	None	N/A
	STOP	None	N/A

Table 498. EVNTGBL resource table attributes										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		12
EPSTATUS	CVDAS	CPSM	EVENTPROCESS	EPSTATUS	4	LIKE	Yes	Event processing status		16
EPSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• STARTED</li> <li>• STOPPED</li> <li>• DRAIN</li> </ul>									
EVNTBACKOUT	BINARY	STAT	DFHEPGDS	EPG_COMMIT_BACKWARD_EVENTS	4	MAX	No	Commit backward events		48
EVNTCAPOPSF	BINARY	STAT	DFHECGDS	ECG_CAPTURE_OPS_FAILED	4	MAX	No	Capture operations failed		120
EVNTCOMMIT	BINARY	STAT	DFHEPGDS	EPG_COMMIT_FORWARD_EVENTS	4	MAX	No	Commit forward events		44
EVNTCURRDSP	BINARY	STAT	DFHEPGDS	EPG_CURRENT_DISPATCHERS	4	MAX	No	Current dispatcher tasks		88
EVNTCURREVQ	BINARY	STAT	DFHEPGDS	EPG_CURRENT_EVC_QUEUE	4	MAX	No	Current event capture queue		52
EVNTCURRTRQ	BINARY	STAT	DFHEPGDS	EPG_CURRENT_TRANS_QUEUE	4	MAX	No	Current transactional queue		60
EVNTCUSTAD	BINARY	STAT	DFHEPGDS	EPG_CUSTOM_ADAPTER_EVENTS	4	MAX	No	Events to Custom EP adapter		108
EVNTDISABLE	BINARY	STAT	DFHECGDS	ECG_EB_EVENT_S_DISABLED	4	MAX	No	Events with disabled EVENTBINDING		36
EVNTDOMSTID	BINARY	STAT	DFHEPGDS	EPGDS_ID	2	MAX	No	EP domain statistics ID		112
EVNTDSPFAILC	BINARY	STAT	DFHEPGDS	EPG_DISPATCH_FAILURE_CONFIG	4	MAX	No	Events lost (dispatcher) - config		132
EVNTDSPFAILO	BINARY	STAT	DFHEPGDS	EPG_DISPATCH_FAILURE_OTHER	4	MAX	No	Events lost (dispatcher) - other		136
EVNTFILTCAP	BINARY	STAT	DFHECGDS	ECG_EB_EVENT_S_CAPTURED	8	MAX	No	Events captured		28
EVNTFILTOPS	BINARY	STAT	DFHECGDS	ECG_EB_EVENT_FILTER_OPS	8	MAX	No	Event filtering operations		20
EVNTFILTOPSF	BINARY	STAT	DFHECGDS	ECG_FILTER_OPS_FAILED	4	MAX	No	Filter operations failed		116
EVNTHHTPCNT	BINARY	STAT	DFHEPGDS	EPG_HTTP_ADAPTER_EVENTS	4	MAX	No	Events to HTTP EP adapter	E640 E650	148
EVNTLOSTAU	BINARY	STAT	DFHEPGDS	EPG_EVENTS_ADAPTER_UNAVAILABLE	4	MAX	No	Events lost - adapter unavailable	E640 E650 E660	156
EVNTLOSTCO	BINARY	STAT	DFHEPGDS	EPG_ADAPTER_FAILURE_CONFIG	4	MAX	No	Events lost (adapter) - config		124



Table 498. EVNTGBL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
EVNTLOSTOT	BINARY	STAT	DFHEPGDS	EPG_ADAPTER_FAILURE_OTHER	4	MAX	No	Events lost (adapter) - other		128
EVNTMQADAPT	BINARY	STAT	DFHEPGDS	EPG_WMQ_ADAPTER_EVENTS	4	MAX	No	Events to Websphere MQ EP adapter		96
EVNTNORM	BINARY	STAT	DFHEPGDS	EPG_ASYNC_NORMAL_EVENTS	4	MAX	No	Async normal events		68
EVNTPEAKDSP	BINARY	STAT	DFHEPGDS	EPG_PEAK_DISPATCHERS	4	MAX	No	Peak dispatcher tasks		92
EVNTPEAKEVQ	BINARY	STAT	DFHEPGDS	EPG_PEAK_EVENT_QUEUE	4	MAX	No	Peak event capture queue		56
EVNTPEAKTRQ	BINARY	STAT	DFHEPGDS	EPG_PEAK_TRANSACTION_QUEUE	4	MAX	No	Peak transactional queue		64
EVNTPRIO	BINARY	STAT	DFHEPGDS	EPG_ASYNC_PRIORITY_EVENTS	4	MAX	No	Async priority events		72
EVNTPUT	BINARY	STAT	DFHEPGDS	EPG_PUT_EVENTS	4	MAX	No	Put events		40
EVNTSYNCCAP	BINARY	STAT	DFHEPGDS	EPG_SYNC_EVENTS	4	MAX	No	Synchronous events	E640 E650 E660	140
EVNTSYNCFail	BINARY	STAT	DFHEPGDS	EPG_SYNC_EVENTS_FAILED	4	MAX	No	Synchronous events failed	E640 E650 E660	144
EVNTSYSCAP	BINARY	STAT	DFHEPGDS	ECG_SYS_EVENTS_CAPTURED	8	MAX	No	Total system events captured	E640 E650 E660	160
EVNTTDQSTAT	BINARY	STAT	DFHEPGDS	EPG_TDQUEUE_ADAPTER_EVENTS	4	MAX	No	Events to Tdqueue EP adapter	E640 E650 E660 E670 E680 E690 E700	168
EVNTTRAN	BINARY	STAT	DFHEPGDS	EPG_TRANS_EVENTS	4	MAX	No	Transactional events		76
EVNTTRANATT	BINARY	STAT	DFHEPGDS	EPG_DISPATCHERS_ATTACHED	4	MAX	No	Dispatcher tasks attached		84
EVNTTRANDIS	BINARY	STAT	DFHEPGDS	EPG_TRANS_EVENTS_DISCARDED	4	MAX	No	Transactional events discarded		80
EVNTTRANSAD	BINARY	STAT	DFHEPGDS	EPG_TRANS_ADAPTER_EVENTS	4	MAX	No	Events to Transaction EP adapter		104
EVNTTSQSTAT	BINARY	STAT	DFHEPGDS	EPG_TSQUEUE_ADAPTER_EVENTS	4	MAX	No	Events to Tsqueue EP adapter		100
SCHEMALEVEL	CHAR	STAT			4	MAX	No	Highest schema level supported	E640 E650 E660	152



## Chapter 223. EXCI Resource Table

A CICS Resource that describes information about tasks that originated from client programs using the external CICS interface API

The **Primary** key field for this resource class is LUWID.

The **Secondary** key field for this resource class is TASK.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSEXCIRrequest

### Object type

CICS Resource

### Length

80

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0168

### CICS Commands subject to CICS Security

INQUIRE EXCI

Table 499. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 500. EXCI resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>LUWID-1</b>	CHAR	INQ	EXCI	EXCI	35	DIFF	EXCI client identifier	20
<b>TASK-2</b>	BINARY	INQ	EXCI	TASK	4	DIFF	Task Number	16
MVSSYSID	CHAR	CPSM			4	DIFF	EXCI client MVS system ID	71
RRMSURID	HEX	CPSM			16	DIFF	RRMS/MVS Unit of Recovery Identifier	55



# Chapter 224. EXITGLUE Resource Table

A CICS Resource that describes a global user exit in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is PROGRAM.

The **Secondary** key field for this resource class is EXITPOINT.

While the EXITGLUE resource class identifies multiple key attributes, only the PROGRAM attribute can be specified in an EVALDEF INSTANCE attribute.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSGlobalUserExit

**Object type**

CICS Resource

**Length**

64

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0056

**Security Class**

OPERATE.EXIT

Table 501. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 502. EXITGLUE resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>PROGRAM-1</b>	CHAR	INQ			8	DIFF	Program name	16
<b>EXITPOINT-2</b>	CHAR	INQ			8	DIFF	Exit name	24
ENTRY	ADDRESS	INQ			4	MAX	Entry address of global user exit	60
ENTRYNAME	CHAR	INQ			8	DIFF	Entry name	32

Table 502. EXITGLUE resource table attributes (continued)								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
GAENTRYNAME	CHAR	INQ			8	DIFF	Name of exit which owns global work area	40
GALENGTH	BINARY	INQ			2	AVG	Length of global work area	56
GAUSECOUNT	BINARY	INQ			4	AVG	Number of global work area users	52
NUMEXITS	BINARY	INQ			2	AVG	Number of global exit points where exit is enabled	58
STARTSTATUS	CVDAS	INQ			4	LIKE	Exit program availability status	48
STARTSTATUS Output valid values	<ul style="list-style-type: none"> <li>STARTED</li> <li>STOPPED</li> </ul>							

## Chapter 225. EXITTRUE Resource Table

A CICS Resource that describes a task related user exit in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is PROGRAM.

The **Secondary** key field for this resource class is ENTRYNAME.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSTaskRelatedExit

### Object type

CICS Resource

### Length

104

### Usage

API, WUI, CICS Management Client Interface(CMCI)

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0055

### Security Class

OPERATE.EXIT

### CICS Commands subject to CICS Security

INQUIRE EXITPROGRAM

Table 503. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 504. EXITTRUE resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
PROGRAM-1	CHAR	INQ	EXITPROGRAM	EXITPROGRAM	8	DIFF	Program name	16
ENTRYNAME-2	CHAR	INQ	EXITPROGRAM	ENTRYNAME	8	DIFF	Entry name	24
APIST	CVDAS	INQ	EXITPROGRAM	APIST	4	LIKE	Open API status	92

Table 504. EXITTRUE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
APIST Output valid values	<ul style="list-style-type: none"> <li>• OPENAPI</li> <li>• BASEAPI</li> <li>• NOTAPPLIC</li> </ul>							
CONCURRENTST	CVDAS	INQ	EXITPROGRAM	CONCURRENTST	4	LIKE	Concurrency type	88
CONCURRENTST Output valid values	<ul style="list-style-type: none"> <li>• QUASIRENT</li> <li>• THREADSAFE</li> <li>• REQUIRED</li> <li>• NOTAPPLIC</li> </ul>							
CONNECTST	CVDAS	INQ	EXITPROGRAM	CONNECTST	4	LIKE	Connect status	68
CONNECTST Output valid values	<ul style="list-style-type: none"> <li>• CONNECTED</li> <li>• NOTCONNECTED</li> <li>• UNKNOWN</li> <li>• NOTAPPLIC</li> </ul>							
ENTRY	ADDRESS	INQ	EXITPROGRAM	ENTRY	4	MAX	Entry-point address of task related user exit	64
FORMATEDFST	CVDAS	INQ	EXITPROGRAM	FORMATEDFST	4	LIKE	Format execution diagnostic facility (EDF) status	40
FORMATEDFST Output valid values	<ul style="list-style-type: none"> <li>• FORMATEDF</li> <li>• NOFORMATEDF</li> <li>• NOTAPPLIC</li> </ul>							
GAENTRYNAME	CHAR	INQ	EXITPROGRAM	GAENTRYNAME	8	DIFF	Name of exit owning global work area	32
GALENGTH	BINARY	INQ	EXITPROGRAM	GALENGTH	2	AVG	Length of global work area	60
GAUSECOUNT	BINARY	INQ	EXITPROGRAM	GAUSECOUNT	4	AVG	Number of work area users	56
INDOUBTST	CVDAS	INQ	EXITPROGRAM	INDOUBTST	4	LIKE	INDOUBTWAIT enabled status	72
INDOUBTST Output valid values	<ul style="list-style-type: none"> <li>• WAIT</li> <li>• NOWAIT</li> <li>• NOTAPPLIC</li> </ul>							
PURGEABLEST	CVDAS	INQ			4	LIKE	Purgeable status	96
PURGEABLEST Output valid values	<ul style="list-style-type: none"> <li>• PURGEABLE</li> <li>• NOTPURGEABLE</li> <li>• NOTAPPLIC</li> </ul>							
QUALIFIER	CHAR	INQ	EXITPROGRAM	QUALIFIER	8	DIFF	SPI qualifier	76
SHUTDOWNST	CVDAS	INQ	EXITPROGRAM	SHUTDOWNST	4	LIKE	Exit CICS shutdown status	44
SHUTDOWNST Output valid values	<ul style="list-style-type: none"> <li>• SHUTDOWN</li> <li>• NOSHUTDOWN</li> <li>• NOTAPPLIC</li> </ul>							
SPIST	CVDAS	INQ	EXITPROGRAM	SPIST	4	LIKE	Exit-enabled-for-(SPI) calls option	84
SPIST Output valid values	<ul style="list-style-type: none"> <li>• SPI</li> <li>• NOSPI</li> <li>• NOTAPPLIC</li> </ul>							
STARTSTATUS	CVDAS	INQ	EXITPROGRAM	STARTSTATUS	4	LIKE	Exit program availability status	48
STARTSTATUS Output valid values	<ul style="list-style-type: none"> <li>• STARTED</li> <li>• STOPPED</li> </ul>							



Table 504. EXITTRUE resource table attributes (continued)								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
TALENGTH	BINARY	INQ	EXITPROGRAM	TALENGTH	2	AVG	Length of local work area	62
TASKSTART	CVDAS	INQ	EXITPROGRAM	TASKSTARTST	4	LIKE	Start and end of task invocation status	52
TASKSTART Output valid values	<ul style="list-style-type: none"> <li>• TASKSTART</li> <li>• NOTASKSTART</li> <li>• NOTAPPLIC</li> </ul>							



## Chapter 226. EXTGLORD Resource Table

A CICS Resource that describes a global user exit in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is EXITPOINT.

The **Secondary** key field for this resource class is EXITPOSITION.

The **Tertiary** key field for this resource class is PROGRAM.

The EXITPOSITION key field shows the time order in which the exits were enabled for the EXITPOINT.

There are no object specific actions for this resource class.

### Object type

CICS Resource

### Length

80

### Usage

API, WUI, EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0140

### CICS Commands subject to CICS Security

INQUIRE EXITPROGRAM

Table 505. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 506. EXTGLORD resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>EXITPOINT-1</b>	CHAR	INQ	EXITPROGRAM	EXIT	8	DIFF	Exit name	16
<b>EXITPOSITION-2</b>	BINARY	CPSM			4	AVG	Exit position	24
<b>PROGRAM-3</b>	CHAR	INQ	EXITPROGRAM	EXITPROGRAM	8	DIFF	Program name	28
CONCURRENTST	CV DAS	INQ	EXITPROGRAM	CONCURRENTST	4	LIKE	Concurrency status	72
CONCURRENTST Output valid values	<ul style="list-style-type: none"><li>• QUASIRENT</li><li>• THREADSAFE</li></ul>							

Table 506. EXTGLORD resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
ENTRY	ADDRESS	INQ	EXITPROGRAM	ENTRY	4	MAX	Entry address of global user exit	64
ENTRYNAME	CHAR	INQ	EXITPROGRAM	ENTRYNAME	8	DIFF	Entry name	36
GAENTRYNAME	CHAR	INQ	EXITPROGRAM	GAENTRYNAME	8	DIFF	Name of exit which owns global work area	44
GALENGTH	BINARY	INQ	EXITPROGRAM	GALENGTH	2	AVG	Length of global work area	60
GAUSECOUNT	BINARY	INQ	EXITPROGRAM	GAUSECOUNT	4	AVG	Number of global work area users	56
NUMEXITS	BINARY	INQ	EXITPROGRAM	NUMEXITS	2	AVG	Number of global exit points where exit is enabled	62
STARTSTATUS	CVDAS	INQ	EXITPROGRAM	STARTSTATUS	4	LIKE	Exit program availability status	52
STARTSTATUS Output valid values	<ul style="list-style-type: none"> <li>STARTED</li> <li>STOPPED</li> </ul>							
USECOUNT	BINARY	INQ			4	AVG	Program use count	68

# Chapter 227. EXTRATDQ Resource Table

A CICS Resource that describes an extrapartition transient data queue in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is TDQUEUE.

The following actions are supported:

**CLOSE**

Close the destination data set.

**DISABLE**

Disable the destination.

**DISCARD**

Discard a disabled and closed destination.

**ENABLE**

Enable the destination.

**OPEN**

Open the destination data set.

These actions require no unique parameter data.

**External resource name(CMCI)**

CICSExtrapartitionTDQueue

**Object type**

CICS Resource

**Length**

208

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0026

**Security Class**

OPERATE.TDQUEUE

**CICS Commands subject to CICS Security**

INQUIRE TDQUEUE

Table 507. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

Table 507. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
PERFORM SET	DISCARD	None	N/A
	CLOSE	None	N/A
	DISABLE	None	N/A
	ENABLE	None	N/A
	OPEN	None	N/A

Table 508. EXTRATDQ resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
TDQUEUE-1	CHAR	INQ	TDQUEUE	TDQUEUE	4	DIF F	No	Queue ID			16
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	200
BLOCKFORMAT	CVDAS	INQ	TDQUEUE	BLOCKFORMAT	4	LIKE	No	Block format			20
BLOCKFORMAT Output valid values	<ul style="list-style-type: none"> <li>• BLOCKED</li> <li>• UNBLOCKED</li> <li>• NOTAPPLIC</li> </ul>										
BLOCKSIZE	BINARY	INQ	TDQUEUE	BLOCKSIZE	4	AVG	No	Block length (bytes)			120
CHANGEAGENT	CVDAS	INQ	TDQUEUE	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650	140
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• SYSTEM</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>										
CHANGEAGREL	CHAR	INQ	TDQUEUE	CHANGEAGREL	4	DIF F	No	Last modification agent release		E640 E650	152
CHANGETIME	DATETIME	INQ	TDQUEUE	CHANGETIME	8	MAX	No	Last modification time		E640 E650	160
CHANGEUSRID	CHAR	INQ	TDQUEUE	CHANGEUSRID	8	DIF F	No	Last modification user ID		E640 E650	144
DATABUFFERS	BINARY	INQ	TDQUEUE	DATABUFFERS	4	AVG	No	Number of data buffers to be used			124
DDNAME	CHAR	INQ	TDQUEUE	DDNAME	8	DIF F	No	DD name on JCL statement defining data set			56
DEFINESOURCE	CHAR	INQ	TDQUEUE	DEFINESOURCE	8	DIF F	No	Source of the resource definition		E640 E650	168
DEFINETIME	DATETIME	INQ	TDQUEUE	DEFINETIME	8	MAX	No	Creation time		E640 E650	176

Table 508. EXTRATDQ resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
DISPOSITION	CVDAS	INQ	TDQUEUE	DISPOSITION	4	LIKE	No	Data set disposition			108
DISPOSITION Output valid values	<ul style="list-style-type: none"> <li>• MOD</li> <li>• OLD</li> <li>• SHARE</li> <li>• NOTAPPLIC</li> </ul>										
DSNAME	CHAR	INQ	TDQUEUE	DSNAME	44	DIF	No	Name of data set			64
EMPTYSTATUS	CVDAS	INQ	TDQUEUE	EMPTYSTATUS	4	LIKE	No	Empty status			24
EMPTYSTATUS Output valid values	<ul style="list-style-type: none"> <li>• FULL</li> <li>• EMPTY</li> <li>• NOTEMPTY</li> <li>• NOTAPPLIC</li> </ul>										
ENABLESTATUS	CVDAS	INQ	TDQUEUE	ENABLESTATUS	4	LIKE	Yes	Enabled status			28
ENABLESTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>										
ENABLESTATUS Output valid values	<ul style="list-style-type: none"> <li>• NOTAPPLIC</li> </ul>										
ERROROPTION	CVDAS	INQ	TDQUEUE	ERROROPTION	4	LIKE	No	CICS action for I/O error			112
ERROROPTION Output valid values	<ul style="list-style-type: none"> <li>• IGNORERR</li> <li>• SKIP</li> <li>• NOTAPPLIC</li> </ul>										
INSTALLAGENT	CVDAS	INQ	TDQUEUE	INSTALLAGENT	4	LIKE	No	Installation agent		E640 E650	156
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• GRPLIST</li> <li>• SYSTEM</li> </ul>										
INSTALLTIME	DATETIME	INQ	TDQUEUE	INSTALLTIME	8	MAX	No	Installation time		E640 E650	192
INSTALLUSRID	CHAR	INQ	TDQUEUE	INSTALLUSRID	8	DIF	No	Installation user ID		E640 E650	184
IOTYPE	CVDAS	INQ	TDQUEUE	IOTYPE	4	LIKE	No	I/O type			32
IOTYPE Output valid values	<ul style="list-style-type: none"> <li>• INPUT</li> <li>• OUTPUT</li> <li>• RDBACK</li> <li>• NOTAPPLIC</li> </ul>										
MEMBER	CHAR	INQ			8	DIF	No	Member name			129
OPENSTATUS	CVDAS	INQ	TDQUEUE	OPENSTATUS	4	LIKE	Yes	Open status			36
OPENSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• OPEN</li> <li>• CLOSED</li> </ul>										

Table 508. EXTRATDQ resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
OPENSTATUS Output valid values	<ul style="list-style-type: none"> <li>• OPENING</li> <li>• CLOSING</li> <li>• SWITCHING</li> <li>• NOTAPPLIC</li> </ul>										
OUTCNT	BINARY	STAT			4	AVG	No	Number of READ and WRITE requests			52
PRINTCONTROL	CVDAS	INQ	TDQUEUE	PRINTCONTROL	4	LIKE	No	Print control type			40
PRINTCONTROL Output valid values	<ul style="list-style-type: none"> <li>• ASACTL</li> <li>• MCHCTL</li> <li>• NOCTL</li> <li>• NOTAPPLIC</li> </ul>										
RECORDFORMAT	CVDAS	INQ	TDQUEUE	RECORDFORMAT	4	LIKE	No	Record format			44
RECORDFORMAT Output valid values	<ul style="list-style-type: none"> <li>• FIXED</li> <li>• VARIABLE</li> <li>• NOTAPPLIC</li> </ul>										
RECORDLENGTH	CNUMERIC	INQ	TDQUEUE	RECORDLENGTH	4	AVG	No	Record length (bytes)			48
REWIND	CVDAS	INQ	TDQUEUE	REWIND	4	LIKE	No	Rewind action when data set on tape closed			116
REWIND Output valid values	<ul style="list-style-type: none"> <li>• LEAVE</li> <li>• REREAD</li> <li>• NOTAPPLIC</li> </ul>										
SYSOUTCLASS	CHAR	INQ	TDQUEUE	SYSOUTCLASS	1	DIFF	No	SYSOUT class if spool file			128



## Chapter 228. FEATURE Resource Table

A CICS resource that describes the feature toggles that are specified for the region. Feature toggles are used to enable features and to set configuration options.

The **Primary** key field for this resource class is NAME.

**External resource name(CMCI)**

CICSFeature

**Object type**

CICS Resource

**Length**

528

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0221

**CICS Commands subject to CICS Security**

INQUIRE SYSTEM

Table 509. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 510. FEATURE resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
NAME-1	CHAR	INQ	FEATUREKEY	FEATUREKEY	255	DIFF	Name	16
VALUE	CHAR	INQ			255	DIFF	Value	271



# Chapter 229. FEEDBACK Resource Table

A MetaData resource that provides extended diagnostic data for an API command that encountered an error.

There is no key field for this resource class.

There are no object specific actions for this resource class.

**Object type**

CICSplex SM Metadata

**Length**

248

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2601

Table 511. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 512. FEEDBACK resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
ATTRDATAVAL	CHAR	CPSM	1	LIKE	Attribute data available	1
ATTRDATAVAL Input/output valid values	<ul style="list-style-type: none"><li>Y (YES) - Attribute Ids valid</li><li>N (NO) - No Attribute Id data</li></ul>					
ATTR_DTYP1	BINARY	CPSM	1	LIKE	Attribute datatype	62

Table 512. FEEDBACK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
ATTR_DTYP1 Input/output valid values	<ul style="list-style-type: none"> <li>• 0 (COMP) - Component Identifier</li> <li>• 4 (BIN) - Binary Numeric</li> <li>• 8 (RATE) - Binary Derived Rate</li> <li>• 12 (PER) - Binary Derived Percent</li> <li>• 16 (SUM) - Binary Derived Sum</li> <li>• 20 (RATO) - Binary Derived Ratio</li> <li>• 24 (AVG) - Binary Derived Average</li> <li>• 28 (TSTP) - System/390 Timestamp</li> <li>• 32 (BIT) - Bit</li> <li>• 36 (TEXT) - Text Unknown Length</li> <li>• 40 (CHAR) - Character</li> <li>• 44 (EYUD) - EYUDA</li> <li>• 48 (CVDS) - CVDA Standard</li> <li>• 52 (CVDT) - CVDA Terminal</li> <li>• 56 (REST) - Resource Type</li> <li>• 60 (PACK) - Packed Decimal</li> <li>• 64 (DATE) - Date</li> <li>• 68 (ILBL) - Internal Label Field</li> <li>• 72 (HHMM) - Binary HHMM</li> <li>• 76 (SCLK) - Interval Store Clock</li> <li>• 80 (IUSC) - Interval Microseconds</li> <li>• 84 (IMSC) - Interval Milliseconds</li> <li>• 88 (16US) - Interval 16 Microseconds</li> <li>• 92 (ISEC) - Interval Seconds</li> <li>• 96 (IUSS) - Interval Store Clock Delta</li> <li>• 100 (DTGP) - Date Time Group</li> <li>• 104 (DECT) - Packed Decimal Timestamp</li> <li>• 108 (ADDR) - Address</li> <li>• 112 (CNUM) - Coded Numeric</li> <li>• 116 (HCHR) - Non Display Character</li> <li>• 120 (HEX) - Hexadecimal</li> <li>• 124 (TBLV) - Table version</li> <li>• 128 (RAT3) - Binary derived rate 3DP</li> <li>• 132 (PER3) - Binary derived percent 3DP</li> <li>• 136 (SUM3) - Binary derived sum 3DP</li> <li>• 140 (AVG3) - Binary derived average 3DP</li> <li>• 144 (DECS) - Packed Decimal Time - No Tenths</li> <li>• 152 (SC12) - Interval Store Clock Length 12</li> </ul>					
ATTR_DTYP2	BINARY	CPSM	1	LIKE	Attribute datatype	80
ATTR_DTYP3	BINARY	CPSM	1	LIKE	Attribute datatype	98
ATTR_DTYP4	BINARY	CPSM	1	LIKE	Attribute datatype	116
ATTR_DTYP5	BINARY	CPSM	1	LIKE	Attribute datatype	134
ATTR_DTYP6	BINARY	CPSM	1	LIKE	Attribute datatype	206
ATTR_LEN1	BINARY	CPSM	2	LIKE	Attribute length	64
ATTR_LEN2	BINARY	CPSM	2	LIKE	Attribute length	82
ATTR_LEN3	BINARY	CPSM	2	LIKE	Attribute length	100
ATTR_LEN4	BINARY	CPSM	2	LIKE	Attribute length	118
ATTR_LEN5	BINARY	CPSM	2	LIKE	Attribute length	136
ATTR_LEN6	BINARY	CPSM	2	LIKE	Attribute length	208
ATTR_NM1	CHAR	CPSM	12	LIKE	Attribute name	48

Table 512. FEEDBACK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
ATTR_NM2	CHAR	CPSM	12	LIKE	Attribute name	66
ATTR_NM3	CHAR	CPSM	12	LIKE	Attribute name	84
ATTR_NM4	CHAR	CPSM	12	LIKE	Attribute name	102
ATTR_NM5	CHAR	CPSM	12	LIKE	Attribute name	120
ATTR_NM6	CHAR	CPSM	12	LIKE	Attribute name	192
ATTR_OFF1	BINARY	CPSM	2	LIKE	Attribute offset	60
ATTR_OFF2	BINARY	CPSM	2	LIKE	Attribute offset	78
ATTR_OFF3	BINARY	CPSM	2	LIKE	Attribute offset	96
ATTR_OFF4	BINARY	CPSM	2	LIKE	Attribute offset	114
ATTR_OFF5	BINARY	CPSM	2	LIKE	Attribute offset	132
ATTR_OFF6	BINARY	CPSM	2	LIKE	Attribute offset	204
ATTR_RID1	BINARY	CPSM	1	LIKE	Attribute relative ID	63
ATTR_RID2	BINARY	CPSM	1	LIKE	Attribute relative ID	81
ATTR_RID3	BINARY	CPSM	1	LIKE	Attribute relative ID	99
ATTR_RID4	BINARY	CPSM	1	LIKE	Attribute relative ID	117
ATTR_RID5	BINARY	CPSM	1	LIKE	Attribute relative ID	135
ATTR_RID6	BINARY	CPSM	1	LIKE	Attribute relative ID	207
CEIBDATAVAL	CHAR	CPSM	1	LIKE	EIB data available	2
CEIBDATAVAL Input/output valid values	<ul style="list-style-type: none"> <li>• Y (YES) - EIB data valid</li> <li>• N (NO) - No EIB data</li> </ul>					
CEIBFN	HEX	CPSM	4	MIN	EIBFN response from CICS	24
CEIBRESP	BINARY	CPSM	4	LIKE	RESP response from CICS	16
CEIBRESP1	BINARY	CPSM	4	LIKE	RESP2 response from CICS	20
COMMAND	BINARY	CPSM	1	LIKE	Command code	0

Table 512. FEEDBACK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
COMMAND Input/output valid values	<ul style="list-style-type: none"> <li>• 1 (NOOP) - NOOP</li> <li>• 2 (CANCEL) - Cancel</li> <li>• 3 (CONNECT) - Connect</li> <li>• 4 (COPY) - Copy</li> <li>• 5 (CREATE) - Create</li> <li>• 6 (DELETE) - Delete</li> <li>• 7 (DISCARD) - Discard</li> <li>• 8 (DISCONN) - Disconnect</li> <li>• 9 (FETCH) - Fetch</li> <li>• 10 (GET) - Get</li> <li>• 11 (LOCATE) - Locate</li> <li>• 12 (MARK) - Mark</li> <li>• 13 (ORDER) - Order by</li> <li>• 14 (PERFSET) - Perform Set</li> <li>• 15 (PERFOBJ) - Perform Object</li> <li>• 16 (QUALIFY) - Qualify</li> <li>• 17 (QUERY) - Query</li> <li>• 18 (RECEIVE) - Receive</li> <li>• 19 (REMOVE) - Remove</li> <li>• 20 (FILTER) - Specify Filter</li> <li>• 21 (UNMARK) - Unmark</li> <li>• 22 (ADDRESS) - Address</li> <li>• 23 (GETDEF) - Getdef</li> <li>• 24 (LISTEN) - Listen</li> <li>• 25 (REFRESH) - Refresh</li> <li>• 26 (SET) - Set</li> <li>• 27 (VIEW) - Specify View</li> <li>• 28 (TERM) - Terminate</li> <li>• 29 (TRANS) - Translate</li> <li>• 30 (GROUP) - Group by</li> <li>• 31 (UPDATE) - Update</li> <li>• 32 (FEEDBACK) - Feedback</li> <li>• 33 (EXPAND) - Expand</li> </ul>					
CSDAPI	CHAR	CPSM	1	LIKE	CSD API	210
CSDAPI Input/output valid values	<ul style="list-style-type: none"> <li>• Y (YES) - CSD API related request</li> <li>• N (NO) - non-CSD API related request</li> </ul>					
DIAGNOSTIC	BINARY	CPSM	32	LIKE	Internal diagnostic data	144
ERRCODEVAL	CHAR	CPSM	1	LIKE	Error code value available	3
ERRCODEVAL Input/output valid values	<ul style="list-style-type: none"> <li>• Y (YES) - Error Code valid</li> <li>• N (NO) - No Error Code Data</li> </ul>					
ERROR_CODE	BINARY	CPSM	4	LIKE	Error code	12
ERR_COUNT	BINARY	CPSM	4	LIKE	Error result count	180
ERR_OBJECT	CHAR	CPSM	8	LIKE	Feedback error object name	184
ERR_RESULT	BINARY	CPSM	4	LIKE	Error result token	176
EXPANSION	CHAR	CPSM	33	LIKE	Reserved for expansion	211
OBJECT	CHAR	CPSM	8	LIKE	Name of object	28
OBJECT_ACT	CHAR	CPSM	12	LIKE	Action performed	36
REASON	BINARY	CPSM	4	LIKE	Command reason	8
RESPONSE	BINARY	CPSM	4	LIKE	Command response	4

Table 512. FEEDBACK resource table attributes (continued)						
Name	Datatype	Source	Len	Sum	Description	Offset
RSLTRECID	BINARY	CPSM	4	LIKE	Result set record ID	140
RSRVED01	BINARY	CPSM	2	LIKE	Reserved Area	138





# Chapter 230. FENODDEF Resource Table

A CICS Definition that describes a FEPI Node.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The following actions are supported:

**INSTALL**

Install a FEPI Node Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionFEPINode

**Object type**

CICS Definition

**Length**

1168

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3829

**Security Class**

OPERATE.FEPI

Table 513. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No

Table 513. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
	ADDTGRP	OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
		RESGROUP(value)	Yes

Table 514. FENODDEF FEEDBACK error codes		
Value	Code	Description
1	FENODDEF_INV_DATA	Attribute data invalid
2	FENODDEF_REC_NOT_FOUND	Requested resource not found
4	FENODDEF_REC_EXISTS	Resource already exists
5	FENODDEF_REC_CHANGED	Resource definition already changed
6	FENODDEF_INV_RESTYPE	Invalid resource type
7	FENODDEF_INV_VER	Invalid resource version
11	FENODDEF_NON_MP	Maintenance point CMAS not available
12	FENODDEF_INV_CONTEXT	Context not found
13	FENODDEF_INCONSISTENT_SET	Inconsistent set condition
14	FENODDEF_INV_RESGROUP	Resource group not found
21	FENODDEF_INV_ACTION	Invalid action
22	FENODDEF_INV_RECADDR	Invalid record address
23	FENODDEF_INV_RECLEN	Invalid record length
24	FENODDEF_DIFF_VERSION	Different version
25	FENODDEF_EARLY_NAMELIST_END	Early name list end
26	FENODDEF_INV_NAMELIST	Invalid name list
27	FENODDEF_INV_NAME	Invalid name
28	FENODDEF_INV_MINNAME	Invalid minor name
29	FENODDEF_NOTIFY	Notify
30	FENODDEF_PARTIAL_INSTALL	Partial install
31	FENODDEF_NOTHING_INSTALLED	Nothing installed
32	FENODDEF_NO_TARGETS	No targets
33	FENODDEF_NO_RELATED	No related systems
34	FENODDEF_INV_TSCOPE	Invalid target scope
35	FENODDEF_INV_RSCOPE	Invalid related scope
36	FENODDEF_INV_USAGE	Invalid usage
37	FENODDEF_INV_MODE	Invalid mode

Table 514. FENODDEF FEEDBACK error codes (continued)

Value	Code	Description
38	FENODDEF_INV_STATECHK	Invalid state check
39	FENODDEF_INV_FORCEINS	Invalid force install
40	FENODDEF_INV_NOTIFY	Invalid notify
41	FENODDEF_INV_OVERTYPE	Invalid over type
42	FENODDEF_INV_OVRBLOCK	Invalid override block
43	FENODDEF_INV_ORSTRING	Invalid override string
44	FENODDEF_INV_STRNGTERM	Invalid string terminator
45	FENODDEF_INV_EMBEDTERM	Invalid embedded terminator
46	FENODDEF_INV_ATTRIBUTE	Invalid attribute
47	FENODDEF_INV_LITERAL	Invalid literal
48	FENODDEF_INV_ORSTGNA	Invalid override string
49	FENODDEF_SCOPE_REQUIRED	Scope required
50	FENODDEF_USAGE_CONFLICT	Usage conflict
51	FENODDEF_NODEFS_SELECTED	No definitions selected
52	FENODDEF_MORE_THAN_1_RELSYS	More than one related system
53	FENODDEF_MISSING_RELSYSID	Missing related system identifier
54	FENODDEF_SCOPE_CONFLICT	Scope conflict

Table 515. FENODDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
ACQSTATUS	CVDAS	CPSM	4	Yes	LIKE	Acquired status	ACQUIRED			132
ACQSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>ACQUIRED</li> <li>RELEASED</li> </ul>									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				40
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		1164
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				72
NODELIST	CHAR	CPSM	512	No	DIFF	Node list				652
PASSWORDS	CHAR	CPSM	512	No	DIFF	Password list				140

Table 515. FENODDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
SERVSTATUS	CVDAS	CPSM	4	Yes	LIKE	Node service status	INSERVICE			136
SERVSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• INSERVICE</li> <li>• OUTSERVICE</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				48
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				56
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				64

# Chapter 231. FEPICONN Resource Table

A CICS Resource that describes a FEPI connection in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is TARGETNAME.

The **Secondary** key field for this resource class is NODENAME.

The following actions are supported:

**ACQUIRE**

Acquire the FEPI connection.

**INSERVICE**

Place the FEPI connection in service.

**OUTSERVICE**

Place the FEPI connection out of service.

**RELEASE**

Release the FEPI connection.

These actions require no unique parameter data.

**External resource name(CMCI)**

CICSFEPIConnection

**Object type**

CICS Resource

**Length**

160

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0057

**Security Class**

OPERATE.FEPI

**CICS Commands subject to CICS Security**

COLLECT STATISTICS

Table 516. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ACQUIRE	None	N/A

Table 516. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	INSERVICE	None	N/A
	OUTSERVICE	None	N/A
	RELEASE	None	N/A

Table 517. FEPICONN resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	12
TARGETNAME-1	CHAR	INQ			8	DIFF	No	Target name	16
NODENAME-2	CHAR	INQ			8	DIFF	No	Node name	24
ACQSTATUS	CVDAS	INQ			4	LIKE	Yes	Acquired status	68
ACQSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>ACQUIRED</li> <li>RELEASED</li> </ul>								
ACQSTATUS Output valid values	<ul style="list-style-type: none"> <li>ACQUIRING</li> <li>RELEASING</li> </ul>								
ACQUIRES	BINARY	STAT			4	AVG	No	Number of acquires	40
CHARSRECD	BINARY	STAT	DFHA23DS	A23CHIN	4	AVG	No	Number of characters received	56
CHARSENT	BINARY	STAT	DFHA23DS	A23CHOUT	4	AVG	No	Number of characters sent	52
CONVERSATNS	BINARY	STAT	DFHA23DS	IFCN_MINUS_1	4	AVG	No	Number of conversations	44
ERRORS	BINARY	STAT	DFHA23DS	A23ERROR	4	AVG	No	Number of error conditions	64
INSTLSTATUS	CVDAS	INQ			4	LIKE	No	Connections install status	72
INSTLSTATUS Output valid values	<ul style="list-style-type: none"> <li>INSTALLED</li> <li>NOTINSTALLED</li> </ul>								
LASTACQCODE	BINARY	INQ			4	AVG	No	Sense code from last REQSESS request	76
POOLNAME	CHAR	STAT			8	DIFF	No	Pool name	32
RECVTIMEOUT	BINARY	STAT	DFHA23DS	A23RTOUT	4	AVG	No	Number of receive timeouts	60
SERVSTATUS	CVDAS	INQ			4	LIKE	Yes	Connection service status	80
SERVSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>INSERVICE</li> <li>OUTSERVICE</li> </ul>								
SERVSTATUS Output valid values	<ul style="list-style-type: none"> <li>GOINGOUT</li> </ul>								
STATE	CVDAS	INQ			4	LIKE	No	Conversation status	84

Table 517. FEPICONN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
STATE Output valid values	<ul style="list-style-type: none"><li>• NOCONV</li><li>• PENDSTSN</li><li>• STSN</li><li>• PENDBEGIN</li><li>• BEGINSESSION</li><li>• APPLICATION</li><li>• PENDDATA</li><li>• PENDSTART</li><li>• PENDFREE</li><li>• FREE</li><li>• PENDRELEASE</li><li>• RELEASE</li><li>• PENDUNSOL</li><li>• UNSOLDATA</li><li>• PENDPASS</li></ul>								
UNSOLICINP	BINARY	STAT	DFHA23DS	A23USI	4	AVG	No	Number of unsolicited inputs	48
USERDATA	CHAR	INQ			64	MIN	Yes	User data for connection	92
WAITCONVNUM	BINARY	INQ			4	AVG	No	Number of conversations waiting for connection	88





# Chapter 232. FEPINODE Resource Table

A CICS Resource that describes a FEPI node in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NODENAME.

The following actions are supported:

**ACQUIRE**

Acquire the FEPI node.

**DISCARD**

Discard the FEPI node.

**INSERVICE**

Place the FEPI node in service.

**OUTSERVICE**

Place the FEPI node out of service.

**RELEASE**

Release the FEPI node.

**External resource name(CMCI)**

CICSFEPINode

**Object type**

CICS Resource

**Length**

112

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0061

**Security Class**

OPERATE.FEPI

Table 518. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ACQUIRE	None	N/A
	DISCARD	None	N/A
	INSERVICE	None	N/A

Table 518. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
	OUTSERVICE	None	N/A
	RELEASE	None	N/A

Table 519. FEPINODE resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	12
NODENAME-1	CHAR	INQ			8	DIFF	No	Node name	16
ACQNUM	BINARY	INQ			4	AVG	No	Number of node acquires	24
ACQSTATUS	CVDAS	INQ			4	LIKE	Yes	Acquired status	28
ACQSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>ACQUIRED</li> <li>RELEASED</li> </ul>								
ACQSTATUS Output valid values	<ul style="list-style-type: none"> <li>ACQUIRING</li> <li>RELEASING</li> </ul>								
INSTLSTATUS	CVDAS	INQ			4	LIKE	No	Node install status	32
INSTLSTATUS Output valid values	<ul style="list-style-type: none"> <li>INSTALLED</li> <li>NOTINSTALLED</li> </ul>								
LASTACQCODE	BINARY	INQ			4	AVG	No	Sense code from last REQSESS request	36
SERVSTATUS	CVDAS	INQ			4	LIKE	Yes	Node service status	40
SERVSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>INSERVICE</li> <li>OUTSERVICE</li> </ul>								
SERVSTATUS Output valid values	<ul style="list-style-type: none"> <li>GOINGOUT</li> </ul>								
USERDATA	CHAR	INQ			64	DIFF	Yes	User data for node	44

---

## Chapter 233. FEPIPOOL Resource Table

A CICS Resource that describes a FEPI pool in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is POOLNAME.

The following actions are supported:

### ADD

Add nodes and targets to a FEPI pool.

The parameter data for the ADD action is:

```
PARM('NODES(node,...) TARGETS(trgt,...)
      [ACQSTATUS(cvda1)] [SERVSTATUS(cvda2)]'.')
```

where:

- *node* is required and must be one or more 1- to 8-character FEPI node names.
- *trgt* is required and must be one or more 1- to 8-character FEPI target names.
- *cvda1* is one of the following valid CVDA values for FEPI acquire status:

ACQUIRED  
RELEASED

- *cvda2* is one of the following valid CVDA values for FEPI service status:

INSERVICE  
OUTSERVICE

**Note:** The number of values for the NODES() and TARGETS() parameters must be the same.

### DELETE

Delete nodes and targets from a FEPI pool.

The parameter data for the DELETE action is:

```
PARM('NODES(node,...) TARGETS(trgt,...)
      [POOL(pool)]'.')
```

where:

```
node = (Required) One or more 1- to 8-character
        FEPI node names.
trgt = (Required) One or more 1- to 8-character
        FEPI target names.
pool = 1- to 8-character FEPI pool name.
```

**Note:** The number of values for the NODES() and TARGETS() parameters must be the same.

### DISCARD

Discard a FEPI pool.

### INSERVICE

Place a FEPI pool in service.

### OUTSERVICE

Place a FEPI pool out of service.

### External resource name(CMCI)

CICSFEPIPpool

### Object type

CICS Resource

**Length**

208

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0058

**Security Class**

OPERATE.FEPI

**CICS Commands subject to CICS Security**

COLLECT STATISTICS

*Table 520. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADD	ACQSTATUS(ACQUIRED, RELEASED)	No
		NODES	Yes
		SERVSTATUS(INSERVICE, OUTSERVICE)	No
		TARGETS	Yes
	DELETE	NODES	Yes
		POOL(value)	No
		TARGETS	Yes
	DISCARD	None	N/A
	INSERVICE	None	N/A
	INSTALL	ACQSTATUS(ACQUIRED, RELEASED)	No
		NODES	Yes
		POOL(value)	No
		PROPERTY(value)	No
		SERVSTATUS(INSERVICE, OUTSERVICE)	No
		TARGETS	Yes
	OUTSERVICE	None	N/A

*Table 521. FEPIPOOL resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	0

Table 521. FEIPOOL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	12
<b>POOLNAME-1</b>	CHAR	INQ			8	DIFF	No	Pool name	16
BEGINSESSION	CHAR	INQ			4	DIFF	No	Begin-session transaction	64
CONNECTIONS	BINARY	STAT	DFHA22DS	A22CONCT	4	AVG	No	Number of connections	32
CONTENTION	CVDAS	INQ			4	LIKE	No	Begin-bracket contention resolution	68
CONTENTION Output valid values	<ul style="list-style-type: none"> <li>LOSE</li> <li>WIN</li> </ul>								
CURALLCS	BINARY	STAT	DFHA22DS	A22ALLOC	4	AVG	No	Current number of allocates	40
CURALLWAIT	BINARY	STAT	DFHA22DS	A22WAIT	4	AVG	No	Current number of allocates waiting	48
DEVICE	CVDAS	INQ			4	LIKE	No	Device type	72
DEVICE Output valid values	<ul style="list-style-type: none"> <li>T3278M2</li> <li>T3278M3</li> <li>T3278M4</li> <li>T3278M5</li> <li>T3279M2</li> <li>T3279M3</li> <li>T3279M4</li> <li>T3279M5</li> <li>TPS55M2</li> <li>TPS55M3</li> <li>TPS55M4</li> <li>LUP</li> </ul>								
ENDSESSION	CHAR	INQ			4	DIFF	No	End-session transaction	76
EXCEPTIONQ	CHAR	INQ			4	DIFF	No	TDQ queue holding exceptions	80
FJOURNALNAME	CHAR	INQ			8	DIFF	No	Journal name	200
FJOURNALNUM	BINARY	INQ			4	AVG	No	Journal number	84
FORMAT	CVDAS	INQ			4	LIKE	No	Data format option	88
FORMAT Output valid values	<ul style="list-style-type: none"> <li>FORMATTED</li> <li>DATASTREAM</li> <li>NOTAPPLIC</li> </ul>								
INITIALDATA	CVDAS	INQ			4	LIKE	No	Initial inbound data status	92
INITIALDATA Output valid values	<ul style="list-style-type: none"> <li>INBOUND</li> <li>NOTINBOUND</li> </ul>								
INSTLSTATUS	CVDAS	INQ			4	LIKE	No	Pool install status	96
INSTLSTATUS Output valid values	<ul style="list-style-type: none"> <li>INSTALLED</li> <li>NOTINSTALLED</li> </ul>								
MAXFLENGTH	BINARY	INQ			4	AVG	No	Maximum length of returned data	100
MSGJRNL	CVDAS	INQ			4	LIKE	No	Message journaling status	104

Table 521. FEIPOOL resource table attributes (continued)									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
MSGJRNL Output valid values	<ul style="list-style-type: none"> <li>• NOMSGJRNL</li> <li>• INPUT</li> <li>• OUTPUT</li> <li>• INOUT</li> </ul>								
NODES	BINARY	STAT	DFHA22DS	A22NDCT	4	AVG	No	Number of nodes	28
PEAKALLCS	BINARY	STAT	DFHA22DS	A22PKALL	4	AVG	No	Peak number of concurrent allocates	44
PEAKALLCWAIT	BINARY	STAT	DFHA22DS	A22PKWT	4	AVG	No	Peak number of allocates waiting	52
PEAKCONNS	BINARY	STAT	DFHA22DS	A22CONPK	4	AVG	No	Peak number of connections	36
PROPERTYSET	CHAR	INQ			8	DIFF	No	Property set name	108
SERVSTATUS	CVDAS	INQ			4	LIKE	Yes	Pool service status	116
SERVSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• INSERVICE</li> <li>• OUTSERVICE</li> </ul>								
SERVSTATUS Output valid values	<ul style="list-style-type: none"> <li>• GOINGOUT</li> </ul>								
STSN	CHAR	INQ			4	DIFF	No	Set and test sequence-number (STSN) transaction	120
TARGETS	BINARY	STAT	DFHA22DS	IFPL_MINUS_1	4	AVG	No	Number of targets	24
TOTALLOCTOUT	BINARY	STAT	DFHA22DS	A22TIOUT	4	AVG	No	Total number of allocates that timed out	60
TOTALLOCWAIT	BINARY	STAT	DFHA22DS	A22TOTWT	4	AVG	No	Total number of allocates that waited	56
UNSOLDATA	CHAR	INQ			4	DIFF	No	Unsolicited data transaction	124
UNSOLDATAACK	CVDAS	INQ			4	LIKE	No	Unsolicited-data bid-acknowledgement	128
UNSOLDATAACK Output valid values	<ul style="list-style-type: none"> <li>• NEGATIVE</li> <li>• POSITIVE</li> <li>• NOTAPPLIC</li> </ul>								
USERDATA	CHAR	INQ			64	DIFF	Yes	Pool user data	136
WAITCONVNUM	BINARY	INQ			4	AVG	No	Number of conversations waiting	132

## Chapter 234. FEPIPROP Resource Table

A CICS Resource that describes a FEPI property set in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is PROPERTYSET.

The following actions are supported:

### DISCARD

Discard the FEPI property set.

### External resource name(CMCI)

CICSFEPIPropertySet

### Object type

CICS Resource

### Length

88

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0062

### Security Class

OPERATE.FEPI

Table 522. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 523. FEPIPROP resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>PROPERTYSET-1</b>	CHAR	INQ			8	DIFF	Property set name	16
BEGINSESSION	CHAR	INQ			4	DIFF	Begin-session transaction	24
CONTENTION	CV DAS	INQ			4	LIKE	Contention resolution result	28

Table 523. FEIPROP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
CONTENTION Input/output valid values	<ul style="list-style-type: none"> <li>LOSE</li> <li>WIN</li> </ul>							
DEVICE	CVDAS	INQ			4	LIKE	Device type	32
DEVICE Input/output valid values	<ul style="list-style-type: none"> <li>T3278M2</li> <li>T3278M3</li> <li>T3278M4</li> <li>T3278M5</li> <li>T3279M2</li> <li>T3279M3</li> <li>T3279M4</li> <li>T3279M5</li> <li>TPS55M2</li> <li>TPS55M3</li> <li>TPS55M4</li> <li>LUP</li> </ul>							
ENDSESSION	CHAR	INQ			4	DIFF	End-session transaction	36
EXCEPTIONQ	CHAR	INQ			4	DIFF	TDQ queue holding exceptions	40
FJOURNALNAME	CHAR	INQ			8	DIFF	Journal name	76
FJOURNALNUM	CNUMERIC	INQ			4	AVG	Journal number	44
FORMAT	CVDAS	INQ			4	LIKE	Data format	48
FORMAT Input/output valid values	<ul style="list-style-type: none"> <li>FORMATTED</li> <li>DATASTREAM</li> <li>NOTAPPLIC</li> </ul>							
INITIALDATA	CVDAS	INQ			4	LIKE	Initial-inbound-data option	52
INITIALDATA Input/output valid values	<ul style="list-style-type: none"> <li>INBOUND</li> <li>NOTINBOUND</li> </ul>							
MAXLENGTH	BINARY	INQ			4	AVG	Maximum length of returned data	56
MSGJRNL	CVDAS	INQ			4	LIKE	Journal status	60
MSGJRNL Input/output valid values	<ul style="list-style-type: none"> <li>NOMSGJRNL</li> <li>INPUT</li> <li>OUTPUT</li> <li>INOUT</li> </ul>							
STSN	CHAR	INQ			4	DIFF	Set and test sequence numbers (STSN) transaction	64
UNSOLDATA	CHAR	INQ			4	DIFF	Unsolicited data transaction	68
UNSOLDATAACK	CVDAS	INQ			4	LIKE	Unsolicited data response	72
UNSOLDATAACK Input/output valid values	<ul style="list-style-type: none"> <li>NEGATIVE</li> <li>POSITIVE</li> <li>NOTAPPLIC</li> </ul>							



# Chapter 235. FEPITRGT Resource Table

A CICS Resource that describes a FEPI target in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is TARGETNAME.

The **Secondary** key field for this resource class is POOLNAME.

The following actions are supported:

**DISCARD**

Discard a FEPI target.

**INSERVICE**

Place a FEPI target in service.

**OUTSERVICE**

Place a FEPI target out of service.

**External resource name(CMCI)**

CICSFEPITarget

**Object type**

CICS Resource

**Length**

136

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0059

**Security Class**

OPERATE.FEPI

**CICS Commands subject to CICS Security**

EXTRACT STATISTICS

Table 524. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	INSERVICE	None	N/A
	OUTSERVICE	None	N/A

Table 525. FEPITRGT resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	12
TARGETNAME-1	CHAR	INQ			8	DIFF	No	Target name	16
POOLNAME-2	CHAR	STAT	DFHA24DS	IFTG_WPOOL	8	DIFF	No	Pool name	24
ALLOCATES	BINARY	STAT	DFHA24DS	A24ALLOC	4	AVG	No	Total number of allocates	44
APPLID	CHAR	STAT			8	DIFF	No	VTAM applid of back end system	32
CURALLCWAIT	BINARY	STAT	DFHA24DS	A24WAIT	4	AVG	No	Current number of allocates waiting	52
INSTLSTATUS	CVDAS	INQ			4	LIKE	No	Install status	64
INSTLSTATUS Output valid values	<ul style="list-style-type: none"> <li>INSTALLED</li> <li>NOTINSTALLED</li> </ul>								
NODES	BINARY	STAT	DFHA24DS	A24NDCT	4	AVG	No	Number of nodes	40
PEAKALLCWAIT	BINARY	STAT	DFHA24DS	A24PKWT	4	AVG	No	Peak number of allocates waiting	56
SERVSTATUS	CVDAS	INQ			4	LIKE	Yes	Service status	68
SERVSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>INSERVICE</li> <li>OUTSERVICE</li> </ul>								
SERVSTATUS Output valid values	<ul style="list-style-type: none"> <li>GOINGOUT</li> </ul>								
TOTALLOCTOUT	BINARY	STAT	DFHA24DS	A24TIOUT	4	AVG	No	Total number of allocates that timed out	60
TOTALLOCWAIT	BINARY	STAT	DFHA24DS	A24TOTWT	4	AVG	No	Total number of allocates that waited	48
USERDATA	CHAR	INQ			64	DIFF	Yes	Target user data	72

# Chapter 236. FEPOODEF Resource Table

A CICS Definition that describes a FEPI Pool.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The following actions are supported:

**INSTALL**

Install a FEPI Pool Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionFEPIPool

**Object type**

CICS Definition

**Length**

1432

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3827

**Security Class**

OPERATE.FEPI

Table 526. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET	INSTALL	CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET		FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No

Table 526. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
	ADDTGRP	OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
		RESGROUP(value)	Yes

Table 527. FEPOODEF FEEDBACK error codes		
Value	Code	Description
1	FEPOODEF_INV_DATA	Attribute data invalid
2	FEPOODEF_REC_NOT_FOUND	Requested resource not found
4	FEPOODEF_REC_EXISTS	Resource already exists
5	FEPOODEF_REC_CHANGED	Resource definition already changed
6	FEPOODEF_INV_RESTYPE	Invalid resource type
7	FEPOODEF_INV_VER	Invalid resource version
11	FEPOODEF_NON_MP	Maintenance point CMAS not available
12	FEPOODEF_INV_CONTEXT	Context not found
13	FEPOODEF_INCONSISTENT_SET	Inconsistent set condition
14	FEPOODEF_INV_RESGROUP	Resource group not found
21	FEPOODEF_INV_ACTION	Invalid action
22	FEPOODEF_INV_RECADDR	Invalid record address
23	FEPOODEF_INV_RECLEN	Invalid record length
24	FEPOODEF_DIFF_VERSION	Different version
25	FEPOODEF_EARLY_NAMELIST_END	Early name list end
26	FEPOODEF_INV_NAMELIST	Invalid name list
27	FEPOODEF_INV_NAME	Invalid name
28	FEPOODEF_INV_MINNAME	Invalid minor name
29	FEPOODEF_NOTIFY	Notify
30	FEPOODEF_PARTIAL_INSTALL	Partial install
31	FEPOODEF_NOTHING_INSTALLED	Nothing installed
32	FEPOODEF_NO_TARGETS	No targets
33	FEPOODEF_NO_RELATED	No related systems
34	FEPOODEF_INV_TSCOPE	Invalid target scope
35	FEPOODEF_INV_RSCOPE	Invalid related scope
36	FEPOODEF_INV_USAGE	Invalid usage
37	FEPOODEF_INV_MODE	Invalid mode

Table 527. FEPOODEF FEEDBACK error codes (continued)

Value	Code	Description
38	FEPOODEF_INV_STATECHK	Invalid state check
39	FEPOODEF_INV_FORCEINS	Invalid force install
40	FEPOODEF_INV_NOTIFY	Invalid notify
41	FEPOODEF_INV_OVERTYPE	Invalid over type
42	FEPOODEF_INV_OVRBLOCK	Invalid override block
43	FEPOODEF_INV_ORSTRING	Invalid override string
44	FEPOODEF_INV_STRNGTERM	Invalid string terminator
45	FEPOODEF_INV_EMBEDTERM	Invalid embedded terminator
46	FEPOODEF_INV_ATTRIBUTE	Invalid attribute
47	FEPOODEF_INV_LITERAL	Invalid literal
48	FEPOODEF_INV_ORSTGNA	Invalid override string
49	FEPOODEF_SCOPE_REQUIRED	Scope required
50	FEPOODEF_USAGE_CONFLICT	Usage conflict
51	FEPOODEF_NODEFS_SELECTED	No definitions selected
52	FEPOODEF_MORE_THAN_1_RELSYS	More than one related system
53	FEPOODEF_MISSING_RELSYSID	Missing related system identifier
54	FEPOODEF_SCOPE_CONFLICT	Scope conflict

Table 528. FEPOODEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
ACQSTATUS	CVDAS	CPSM	4	No	LIKE	Pool acquire status	ACQUIRED			144
ACQSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>ACQUIRED</li> <li>RELEASED</li> </ul>									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				40
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		1428
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				72
NODELIST	CHAR	CPSM	1024	No	DIFF	Node list				148
PROPERTYSET	CHAR	CPSM	8	Yes	DIFF	Property set name				130
SERVSTATUS	CVDAS	CPSM	4	No	LIKE	Pool service status	INSERVICE			140

Table 528. FEPOODEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
SERVSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• INSERVICE</li> <li>• OUTSERVICE</li> </ul>									
TARGETLIST	CHAR	CPSM	256	No	DIFF	Target region list				1172
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				48
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				56
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				64

# Chapter 237. FEPRODEF Resource Table

A CICS Definition that describes a FEPI Property Set.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The following actions are supported:

**INSTALL**

Install a FEPI Property Set Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionFEPIPropertySet

**Object type**

CICS Definition

**Length**

200

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3830

**Security Class**

OPERATE.FEPI

Table 529. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No

Table 529. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	ADDTGRP	OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
		RESGROUP(value)	Yes

Table 530. FEPRODEF FEEDBACK error codes

Value	Code	Description
1	FEPRODEF_INV_DATA	Attribute data invalid
2	FEPRODEF_REC_NOT_FOUND	Requested resource not found
4	FEPRODEF_REC_EXISTS	Resource already exists
5	FEPRODEF_REC_CHANGED	Resource definition already changed
6	FEPRODEF_INV_RESTYPE	Invalid resource type
7	FEPRODEF_INV_VER	Invalid resource version
11	FEPRODEF_NON_MP	Maintenance point CMAS not available
12	FEPRODEF_INV_CONTEXT	Context not found
13	FEPRODEF_INCONSISTENT_SET	Inconsistent set condition
14	FEPRODEF_INV_RESGROUP	Resource group not found
21	FEPRODEF_INV_ACTION	Invalid action
22	FEPRODEF_INV_RECADDR	Invalid record address
23	FEPRODEF_INV_RECLEN	Invalid record length
24	FEPRODEF_DIFF_VERSION	Different version
25	FEPRODEF_EARLY_NAMELIST_END	Early name list end
26	FEPRODEF_INV_NAMELIST	Invalid name list
27	FEPRODEF_INV_NAME	Invalid name
28	FEPRODEF_INV_MINNAME	Invalid minor name
29	FEPRODEF_NOTIFY	Notify
30	FEPRODEF_PARTIAL_INSTALL	Partial install
31	FEPRODEF_NOTHING_INSTALLED	Nothing installed
32	FEPRODEF_NO_TARGETS	No targets
33	FEPRODEF_NO_RELATED	No related systems
34	FEPRODEF_INV_TSCOPE	Invalid target scope
35	FEPRODEF_INV_RSCOPE	Invalid related scope
36	FEPRODEF_INV_USAGE	Invalid usage
37	FEPRODEF_INV_MODE	Invalid mode



Table 530. FEPRODEF FEEDBACK error codes (continued)

Value	Code	Description
38	FEPRODEF_INV_STATECHK	Invalid state check
39	FEPRODEF_INV_FORCEINS	Invalid force install
40	FEPRODEF_INV_NOTIFY	Invalid notify
41	FEPRODEF_INV_OVERTYPE	Invalid over type
42	FEPRODEF_INV_OVRBLOCK	Invalid override block
43	FEPRODEF_INV_ORSTRING	Invalid override string
44	FEPRODEF_INV_STRNGTERM	Invalid string terminator
45	FEPRODEF_INV_EMBEDTERM	Invalid embedded terminator
46	FEPRODEF_INV_ATTRIBUTE	Invalid attribute
47	FEPRODEF_INV_LITERAL	Invalid literal
48	FEPRODEF_INV_ORSTGNA	Invalid override string
49	FEPRODEF_SCOPE_REQUIRED	Scope required
50	FEPRODEF_USAGE_CONFLICT	Usage conflict
51	FEPRODEF_NODEFS_SELECTED	No definitions selected
52	FEPRODEF_MORE_THAN_1_RELSYS	More than one related system
53	FEPRODEF_MISSING_RELSYSID	Missing related system identifier
54	FEPRODEF_SCOPE_CONFLICT	Scope conflict

Table 531. FEPRODEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
BEGINSESSION	CHAR	CPSM	4	No	DIFF	Begin-session transaction				130
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CONTENTION	CVDAS	CPSM	4	No	LIKE	Contention resolution result	LOSE			136
CONTENTION Input/ output valid values	<ul style="list-style-type: none"> <li>LOSE</li> <li>WIN</li> </ul>									
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				40
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		196
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				72
DEVICE	CVDAS	CPSM	4	No	LIKE	Device type	T3278M2			140

Table 531. FEPRODEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
DEVICE Input/output valid values	<ul style="list-style-type: none"> <li>T3278M2</li> <li>T3278M3</li> <li>T3278M4</li> <li>T3278M5</li> <li>T3279M2</li> <li>T3279M3</li> <li>T3279M4</li> <li>T3279M5</li> <li>TPS55M2</li> <li>TPS55M3</li> <li>TPS55M4</li> <li>LUP</li> </ul>									
ENDSESSION	CHAR	CPSM	4	No	DIFF	End-session transaction				144
EXCEPTIONQ	CHAR	CPSM	4	No	DIFF	TDQ queue holding exceptions				148
FJOURNALNAME	CHAR	CPSM	8	No	DIFF	Journal name				188
FJOURNALNUM	CHAR	CPSM	4	No	DIFF	Journal number	0	0-99		152
FORMAT	CVDAS	CPSM	4	No	LIKE	Data format	FORMATTED			156
FORMAT Input/output valid values	<ul style="list-style-type: none"> <li>FORMATTED</li> <li>DATASTREAM</li> <li>NOTAPPLIC</li> </ul>									
INITIALDATA	CVDAS	CPSM	4	No	LIKE	Initial-inbound-data option	NOTINBOUND			160
INITIALDATA Input/output valid values	<ul style="list-style-type: none"> <li>INBOUND</li> <li>NOTINBOUND</li> </ul>									
MAXLENGTH	CHAR	CPSM	8	No	DIFF	Maximum length of returned data	4096	128-1048576		164
MSGJRNL	CVDAS	CPSM	4	No	LIKE	Journal status	NOMSGJRNL			172
MSGJRNL Input/output valid values	<ul style="list-style-type: none"> <li>NOMSGJRNL</li> <li>INPUT</li> <li>OUTPUT</li> <li>INOUT</li> </ul>									
STSN	CHAR	CPSM	4	No	DIFF	Set and test sequence numbers (STSN) transaction				176
UNSOLDATA	CHAR	CPSM	4	No	DIFF	Unsolicited data transaction				180
UNSOLDATAACK	CVDAS	CPSM	4	No	LIKE	Unsolicited data response	NEGATIVE			184
UNSOLDATAACK Input/output valid values	<ul style="list-style-type: none"> <li>NEGATIVE</li> <li>POSITIVE</li> <li>NOTAPPLIC</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				48
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				56
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				64

# Chapter 238. FETRGDEF Resource Table

A CICS Definition that describes a FEPI Target.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The following actions are supported:

**INSTALL**

Install a FEPI Target Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionFEPITarget

**Object type**

CICS Definition

**Length**

1168

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3828

**Security Class**

OPERATE.FEPI

Table 532. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET	INSTALL	CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET		FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No

Table 532. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
	ADDTGRP	OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
		RESGROUP(value)	Yes

Table 533. FETRGDEF FEEDBACK error codes		
Value	Code	Description
1	FETRGDEF_INV_DATA	Attribute data invalid
2	FETRGDEF_REC_NOT_FOUND	Requested resource not found
4	FETRGDEF_REC_EXISTS	Resource already exists
5	FETRGDEF_REC_CHANGED	Resource definition already changed
6	FETRGDEF_INV_RESTYPE	Invalid resource type
7	FETRGDEF_INV_VER	Invalid resource version
11	FETRGDEF_NON_MP	Maintenance point CMAS not available
12	FETRGDEF_INV_CONTEXT	Context not found
13	FETRGDEF_INCONSISTENT_SET	Inconsistent set condition
14	FETRGDEF_INV_RESGROUP	Resource group not found
21	FETRGDEF_INV_ACTION	Invalid action
22	FETRGDEF_INV_RECADDR	Invalid record address
23	FETRGDEF_INV_RECLEN	Invalid record length
24	FETRGDEF_DIFF_VERSION	Different version
25	FETRGDEF_EARLY_NAMELIST_END	Early name list end
26	FETRGDEF_INV_NAMELIST	Invalid name list
27	FETRGDEF_INV_NAME	Invalid name
28	FETRGDEF_INV_MINNAME	Invalid minor name
29	FETRGDEF_NOTIFY	Notify
30	FETRGDEF_PARTIAL_INSTALL	Partial install
31	FETRGDEF_NOTHING_INSTALLED	Nothing installed
32	FETRGDEF_NO_TARGETS	No targets
33	FETRGDEF_NO_RELATED	No related systems
34	FETRGDEF_INV_TSCOPE	Invalid target scope
35	FETRGDEF_INV_RSCOPE	Invalid related scope
36	FETRGDEF_INV_USAGE	Invalid usage
37	FETRGDEF_INV_MODE	Invalid mode

Table 533. FETRGDEF FEEDBACK error codes (continued)

Value	Code	Description
38	FETRGDEF_INV_STATECHK	Invalid state check
39	FETRGDEF_INV_FORCEINS	Invalid force install
40	FETRGDEF_INV_NOTIFY	Invalid notify
41	FETRGDEF_INV_OVERTYPE	Invalid over type
42	FETRGDEF_INV_OVRBLOCK	Invalid override block
43	FETRGDEF_INV_ORSTRING	Invalid override string
44	FETRGDEF_INV_STRNGTERM	Invalid string terminator
45	FETRGDEF_INV_EMBEDTERM	Invalid embedded terminator
46	FETRGDEF_INV_ATTRIBUTE	Invalid attribute
47	FETRGDEF_INV_LITERAL	Invalid literal
48	FETRGDEF_INV_ORSTGNA	Invalid override string
49	FETRGDEF_SCOPE_REQUIRED	Scope required
50	FETRGDEF_USAGE_CONFLICT	Usage conflict
51	FETRGDEF_NODEFS_SELECTED	No definitions selected
52	FETRGDEF_MORE_THAN_1_RELSYS	More than one related system
53	FETRGDEF_MISSING_RELSYSID	Missing related system identifier
54	FETRGDEF_SCOPE_CONFLICT	Scope conflict

Table 534. FETRGDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
APPLLIST	CHAR	CPSM	512	No	DIFF	VTAM application IDs of back end systems				136
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/ output valid values	• DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				40
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		1160
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				72
SERVSTATUS	CVDAS	CPSM	4	No	LIKE	Service status	INSERVICE			132
SERVSTATUS Input/ output valid values	• INSERVICE • OUTSERVICE									
TARGETLIST	CHAR	CPSM	512	No	DIFF	Target list				648

Table 534. FETRGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				48
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				56
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				64

# Chapter 239. FILEDEF Resource Table

A CICS Definition that describes the physical and operational characteristics of a file.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a File Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionFile

**Object type**

CICS Definition

**Length**

440

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3801

**Security Class**

OPERATE.FILE

Table 535. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Table 535. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL, REMOTE)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 536. FILEDEF FEEDBACK error codes		
Value	Code	Description
1	FILEDEF_INV_DATA	Attribute data invalid
2	FILEDEF_REC_NOT_FOUND	Requested resource not found
4	FILEDEF_REC_EXISTS	Resource already exists
5	FILEDEF_REC_CHANGED	Resource definition already changed
6	FILEDEF_INV_RESTYPE	Invalid resource type
7	FILEDEF_INV_VER	Invalid resource version
11	FILEDEF_NON_MP	Maintenance point CMAS not available
12	FILEDEF_INV_CONTEXT	Context not found
13	FILEDEF_INCONSISTENT_SET	Inconsistent set condition
14	FILEDEF_INV_RESGROUP	Resource group not found
21	FILEDEF_INV_ACTION	Invalid action
22	FILEDEF_INV_RECADDR	Invalid record address
23	FILEDEF_INV_RECLEN	Invalid record length
24	FILEDEF_DIFF_VERSION	Different version
25	FILEDEF_EARLY_NAMELIST_END	Early name list end
26	FILEDEF_INV_NAMELIST	Invalid name list
27	FILEDEF_INV_NAME	Invalid name
28	FILEDEF_INV_MINNAME	Invalid minor name
29	FILEDEF_NOTIFY	Notify
30	FILEDEF_PARTIAL_INSTALL	Partial install



Table 536. FILEDEF FEEDBACK error codes (continued)

Value	Code	Description
31	FILEDEF_NOTHING_INSTALLED	Nothing installed
32	FILEDEF_NO_TARGETS	No targets
33	FILEDEF_NO_RELATED	No related systems
34	FILEDEF_INV_TSCOPE	Invalid target scope
35	FILEDEF_INV_RSCOPE	Invalid related scope
36	FILEDEF_INV_USAGE	Invalid usage
37	FILEDEF_INV_MODE	Invalid mode
38	FILEDEF_INV_STATECHK	Invalid state check
39	FILEDEF_INV_FORCEINS	Invalid force install
40	FILEDEF_INV_NOTIFY	Invalid notify
41	FILEDEF_INV_OVERTYPE	Invalid override type
42	FILEDEF_INV_OVRBLOCK	Invalid override block
43	FILEDEF_INV_ORSTRING	Invalid override string
44	FILEDEF_INV_STRNGTERM	Invalid string term
45	FILEDEF_INV_EMBEDTERM	Invalid embedded terminator
46	FILEDEF_INV_ATTRIBUTE	Invalid attribute
47	FILEDEF_INV_LITERAL	Invalid literal
48	FILEDEF_INV_ORSTGNA	Invalid override string
49	FILEDEF_SCOPE_REQUIRED	Scope required
50	FILEDEF_USAGE_CONFLICT	Usage conflict
51	FILEDEF_NODEFS_SELECTED	No definitions selected
52	FILEDEF_MORE_THAN_1_RELSYS	More than one related system
53	FILEDEF_MISSING_RELSYSID	Missing related system identifier
54	FILEDEF_SCOPE_CONFLICT	Scope conflict
55	FILEDEF_INV_CSDGROUP	Invalid CSD group
56	FILEDEF_REC_NOT_REMOVED	Record not removed
57	FILEDEF_INV_RESOURCE	Invalid resource
58	FILEDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	FILEDEF_PARTIAL_ACTION	Partial action
60	FILEDEF_NOTHING_ACTIONED	Nothing actioned
61	FILEDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	FILEDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	FILEDEF_CSD_ERROR	CSD access error

Table 537. FILEDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	428
ACCESSMETH	CVDAS	CPSM	4	Yes	LIKE	File access method	VSAM		E330 +	220
ACCESSMETH Input/ output valid values	<ul style="list-style-type: none"> <li>• ESDS</li> <li>• KSDS</li> <li>• RRDS</li> <li>• KEYED</li> <li>• BDAM</li> <li>• VSAM</li> <li>• NOTAPPLIC</li> </ul>									
ADD	EYUDA	CPSM	4	Yes	LIKE	Add option	NO			36
ADD Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
BACKUPTYPE	CVDAS	CPSM	4	Yes	LIKE	CICS VSAM file backup type	STATIC			56
BACKUPTYPE Input/ output valid values	<ul style="list-style-type: none"> <li>• STATIC</li> <li>• DYNAMIC</li> </ul>									
BASENAME	CHAR	CPSM	8	No	DIFF	Base data set name			E330 +	196
BROWSE	EYUDA	CPSM	4	Yes	LIKE	Browse option	NO			40
BROWSE Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
CATNAME	CHAR	CPSM	7	No	DIFF	VSAM catalog name			EALL	412
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CNTLINTRVAL	CHAR	CPSM	4	No	DIFF	Control interval size		512-4096	EALL	208
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				272
DATABUFFERS	CHAR	CPSM	8	No	DIFF	Number of data buffers	2	2-32767		60
DELETE	EYUDA	CPSM	4	Yes	LIKE	Delete option	NO			44
DELETE Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		424
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				304
DISPOSITION	CVDAS	CPSM	4	Yes	LIKE	Disposition of file	SHARE			68

Table 537. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
DISPOSITION Input/output valid values	<ul style="list-style-type: none"> <li>• SHARE</li> <li>• OLD</li> </ul>									
DSNAME	CHAR	CPSM	44	No	DIFF	Data set name				228
DSNSHARING	EYUDA	CPSM	4	Yes	LIKE	VSAM data set name sharing	ALLREQS			72
DSNSHARING Input/output valid values	<ul style="list-style-type: none"> <li>• ALLREQS</li> <li>• MODIFYREQS</li> </ul>									
EXTFILEMGR	CHAR	CPSM	4	No	DIFF	Use external file manager	N		EALL	374
EXTFILEMGR Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
FILEACCESS	CHAR	CPSM	1	No	DIFF	Access method	R		EALL	365
FILEACCESS Input/output valid values	<ul style="list-style-type: none"> <li>• O</li> <li>• R</li> <li>• U</li> </ul>									
FILEENABLED	CHAR	CPSM	1	No	DIFF	File enabled status	Y		EALL	363
FILEENABLED Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> <li>• U</li> </ul>									
FILEOPEN	CHAR	CPSM	1	No	DIFF	File open status	Y		EALL	362
FILEOPEN Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
FILETYPE	CHAR	CPSM	1	No	DIFF	Data set type	K		EALL	364
FILETYPE Input/output valid values	<ul style="list-style-type: none"> <li>• A</li> <li>• E</li> <li>• K</li> <li>• R</li> </ul>									
FSEGDEFNAME	CHAR	CPSM	8	No	DIFF	File segment definition name			EALL	378
FSEGDEFVER	CHAR	CPSM	2	No	DIFF	File segment definition version		1-15	EALL	386
FWDRECOVLOG	CHAR	CPSM	4	No	DIFF	Journal number used for forward recovery	NO	1-99		76
FWDRECOVLOG Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> </ul>									
INDEXBUFFERS	CHAR	CPSM	8	No	DIFF	Number of index buffers	1	1-32767		80
JNLADD	EYUDA	CPSM	4	Yes	LIKE	Add operations recorded on journal	NONE			88
JNLADD Input/output valid values	<ul style="list-style-type: none"> <li>• NONE</li> <li>• AFTER</li> <li>• ALL</li> <li>• BEFORE</li> </ul>									
JNLREAD	EYUDA	CPSM	4	Yes	LIKE	Read operations recorded on journal	NONE			92
JNLREAD Input/output valid values	<ul style="list-style-type: none"> <li>• NONE</li> <li>• ALL</li> <li>• READONLY</li> <li>• UPDATEONLY</li> </ul>									

Table 537. FILEDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
JNLSYNCREAD	EYUDA	CPSM	4	Yes	LIKE	Synchronous auto journaling for input	NO			96
JNLSYNCREAD Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
JNLSYNCWRITE	EYUDA	CPSM	4	Yes	LIKE	Synchronous auto journaling for output	YES			100
JNLSYNCWRITE Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
JNLUPDATE	EYUDA	CPSM	4	Yes	LIKE	Rewrite/delete operations recorded on journal	NO			104
JNLUPDATE Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
JOURNAL	CHAR	CPSM	4	No	DIFF	Journal number	NO	1-99		108
JOURNAL Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> </ul>									
KEYLENGTH	CHAR	CPSM	4	No	DIFF	Key length		1-255		112
KEYNUMBER	CHAR	CPSM	2	No	DIFF	Key number		1-99	EALL	372
LOADTYPE	EYUDA	CPSM	4	No	LIKE	Load type	NO			408
LOADTYPE Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
LOG	EYUDA	CPSM	4	Yes	LIKE	Automatic logging	NO		E330 +	224
LOG Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
LSRPOOLID	CHAR	CPSM	4	No	DIFF	LSR Pool number	1	1-255		116
LSRPOOLID Input/output valid values	<ul style="list-style-type: none"> <li>• NONE</li> </ul>									
MAXNUMRECS	CHAR	CPSM	8	No	DIFF	Maximum number of records in data table	NOLIMIT	1-99999999		120
MAXNUMRECS Input/output valid values	<ul style="list-style-type: none"> <li>• NOLIMIT</li> </ul>									
MAXRECORDLEN	CHAR	CPSM	6	No	DIFF	Maximum record length		1-32767	EALL	366
MINRECORDLEN	CHAR	CPSM	4	No	DIFF	Minimum record length		1-4090	EALL	204
NSRGROUP	CHAR	CPSM	8	No	DIFF	Non-shared resources (NSR) group name				128
OPENTIME	EYUDA	CPSM	4	Yes	LIKE	File open time	FIRSTREF			136
OPENTIME Input/output valid values	<ul style="list-style-type: none"> <li>• FIRSTREF</li> <li>• STARTUP</li> </ul>									
PASSWORD	HIDCHAR	CPSM	8	No	DIFF	User access password				140
POOLNAME	CHAR	CPSM	8	No	DIFF	Coupling facility data table (CFDT) pool name				388
READ	EYUDA	CPSM	4	Yes	LIKE	Read option	YES			48
READ Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
READINTEG	CVDAS	CPSM	4	Yes	LIKE	Default level of read integrity	UNCOMMITTED			148

Table 537. FILEDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
READINTEG Input/output valid values	<ul style="list-style-type: none"> <li>• UNCOMMITTED</li> <li>• CONSISTENT</li> <li>• REPEATABLE</li> </ul>									
RECORDFORMAT	CVDAS	CPSM	4	Yes	LIKE	Record format	VARIABLE			152
RECORDFORMAT Input/output valid values	<ul style="list-style-type: none"> <li>• VARIABLE</li> <li>• FIXED</li> </ul>									
RECORDSIZE	CHAR	CPSM	8	No	DIFF	Record size		1-32767		156
RECOVERY	EYUDA	CPSM	4	Yes	LIKE	Type of recovery	NONE			164
RECOVERY Input/output valid values	<ul style="list-style-type: none"> <li>• NONE</li> <li>• ALL</li> <li>• BACKOUTONLY</li> </ul>									
REMOTENAME	CHAR	CPSM	8	No	DIFF	Remote file name				168
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	Remote system name				176
RLSACCESS	EYUDA	CPSM	4	Yes	LIKE	Record level sharing (RLS) file access mode	NO			180
RLSACCESS Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
RSL	CHAR	CPSM	8	No	DIFF	Resource security value	0	0-24	E330 +	212
RSL Input/output valid values	<ul style="list-style-type: none"> <li>• PUBLIC</li> </ul>									
SHR4ACCESS	EYUDA	CPSM	4	No	LIKE	VSAM share access	KEY		EALL	420
SHR4ACCESS Input/output valid values	<ul style="list-style-type: none"> <li>• KEY</li> <li>• RBA</li> </ul>									
STATUS	CVDAS	CPSM	4	Yes	LIKE	Initial status	ENABLED			184
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> <li>• UNENABLED</li> </ul>									
STRINGS	CHAR	CPSM	4	No	DIFF	Maximum concurrent requests against file	1	1-255		188
TABLE	EYUDA	CPSM	4	Yes	LIKE	Data table type	NO			192
TABLE Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• CICS</li> <li>• USER</li> <li>• CF</li> </ul>									
TABlename	CHAR	CPSM	8	No	DIFF	Table name				396
UPDATE	EYUDA	CPSM	4	Yes	LIKE	Update option	NO			52
UPDATE Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
UPDAtEMODEL	CVDAS	CPSM	4	No	LIKE	Update model	LOCKING			404
UPDAtEMODEL Input/output valid values	<ul style="list-style-type: none"> <li>• LOCKING</li> <li>• CONTENTION</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				280
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				288
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				296



## Chapter 240. FILINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a file definition (FILEDEF) in a resource group (RESGROUP). A FILEDEF can be a member of multiple RESGROUPS.

The **Primary** key field for this resource class is FILEGROUP.

The **Secondary** key field for this resource class is FILENAME.

The **Tertiary** key field for this resource class is FILEVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6146

### Security Class

BAS.DEF

Table 538. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 539. FILINGRP FEEDBACK error codes		
Value	Code	Description
1	FILINGRP_INV_DATA	Attribute data invalid
2	FILINGRP_REC_NOT_FOUND	Requested resource not found
4	FILINGRP_REC_EXISTS	Resource already exists
6	FILINGRP_INV_RESTYPE	Invalid resource type
7	FILINGRP_INV_VER	Invalid resource version
11	FILINGRP_NON_MP	Maintenance point CMAS not available

Table 539. *FILINGRP FEEDBACK error codes (continued)*

Value	Code	Description
12	FILINGRP_INV_CONTEXT	Context not found
21	FILINGRP_INCONSISTENT_SET	Inconsistent set
22	FILINGRP_DIFF_VERSION	Different version
23	FILINGRP_INV_NAME	Invalid name
24	FILINGRP_INV_MINNAME	Invalid minor name

Table 540. *FILINGRP resource table attributes*

Name	Datatype	Source	Len	Req	Sum	Description	Offset
<b>FILEGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
<b>FILENAME-2</b>	CHAR	CPSM	8	Yes	DIFF	File definition name	44
<b>FILEVER-3</b>	BINARY	CPSM	1	Yes	AVG	File definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16



## Chapter 241. FNOINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a FEPI Node definition (FENODDEF) in a resource group (RESGROUP). A FENODDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is FNOGROUP.

The **Secondary** key field for this resource class is FNONAME.

The **Tertiary** key field for this resource class is FNOVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6174

### Security Class

BAS.DEF

Table 541. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 542. FNOINGRP FEEDBACK error codes		
Value	Code	Description
1	FNOINGRP_INV_DATA	Attribute data invalid
2	FNOINGRP_REC_NOT_FOUND	Requested resource not found
4	FNOINGRP_REC_EXISTS	Resource already exists
6	FNOINGRP_INV_RESTYPE	Invalid resource type
7	FNOINGRP_INV_VER	Invalid resource version
11	FNOINGRP_NON_MP	Maintenance point CMAS not available

Table 542. FNOINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	FNOINGRP_INV_CONTEXT	Context not found
21	FNOINGRP_INCONSISTENT_SET	Inconsistent set
22	FNOINGRP_DIFF_VERSION	Different version
23	FNOINGRP_INV_NAME	Invalid name
24	FNOINGRP_INV_MINNAME	Invalid minor name

Table 543. FNOINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
<b>FNOGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
<b>FNONAME-2</b>	CHAR	CPSM	8	Yes	DIFF	FEPI node definition name	44
<b>FNOVER-3</b>	BINARY	CPSM	1	Yes	AVG	FEPI node definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

## Chapter 242. FPOINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a FEPI Pool definition (FEPOODEF) in a resource group (RESGROUP). A FEPOODEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is FPOGROUP.

The **Secondary** key field for this resource class is FPONAME.

The **Tertiary** key field for this resource class is FPOVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6172

### Security Class

BAS.DEF

Table 544. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 545. FPOINGRP FEEDBACK error codes		
Value	Code	Description
1	FPOINGRP_INV_DATA	Attribute data invalid
2	FPOINGRP_REC_NOT_FOUND	Requested resource not found
4	FPOINGRP_REC_EXISTS	Resource already exists
6	FPOINGRP_INV_RESTYPE	Invalid resource type
7	FPOINGRP_INV_VER	Invalid resource version
11	FPOINGRP_NON_MP	Maintenance point CMAS not available

Table 545. FPOINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	FPOINGRP_INV_CONTEXT	Context not found
21	FPOINGRP_INCONSISTENT_SET	Inconsistent set
22	FPOINGRP_DIFF_VERSION	Different version
23	FPOINGRP_INV_NAME	Invalid name
24	FPOINGRP_INV_MINNAME	Invalid minor name

Table 546. FPOINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
<b>FPOGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
<b>FPONAME-2</b>	CHAR	CPSM	8	Yes	DIFF	FEPI pool definition name	44
<b>FPOVER-3</b>	BINARY	CPSM	1	Yes	AVG	FEPI pool definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

## Chapter 243. FPRINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a FEPI Property Set definition (FEPRODEF) in a resource group (RESGROUP). A FEPRODEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is FPRGROUP.

The **Secondary** key field for this resource class is FPRNAME.

The **Tertiary** key field for this resource class is FPRVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6175

### Security Class

BAS.DEF

Table 547. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 548. FPRINGRP FEEDBACK error codes		
Value	Code	Description
1	FPRINGRP_INV_DATA	Attribute data invalid
2	FPRINGRP_REC_NOT_FOUND	Requested resource not found
4	FPRINGRP_REC_EXISTS	Resource already exists
6	FPRINGRP_INV_RESTYPE	Invalid resource type
7	FPRINGRP_INV_VER	Invalid resource version
11	FPRINGRP_NON_MP	Maintenance point CMAS not available

Table 548. FPRINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	FPRINGRP_INV_CONTEXT	Context not found
21	FPRINGRP_INCONSISTENT_SET	Inconsistent set
22	FPRINGRP_DIFF_VERSION	Different version
23	FPRINGRP_INV_NAME	Invalid name
24	FPRINGRP_INV_MINNAME	Invalid minor name

Table 549. FPRINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
<b>FPRGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
<b>FPRNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	FEPI property set definition name	44
<b>FPRVER-3</b>	BINARY	CPSM	1	Yes	AVG	FEPI property set definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

## Chapter 244. FSEGDEF Resource Table

A CICS Definition that describes the key segments associated with a CICS for OS2 file.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DFVER.

**Object type**

CICS Definition

**Length**

568

**Usage**

API, Batch Utility, WUI

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3820

**Security Class**

OPERATE.FILE

Table 550. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDTGRP	RESGROUP(value)	Yes

Table 551. FSEGDEF FEEDBACK error codes		
Value	Code	Description
1	FSEGDEF_INV_DATA	Attribute data invalid
2	FSEGDEF_REC_NOT_FOUND	Requested resource not found
4	FSEGDEF_REC_EXISTS	Resource already exists
5	FSEGDEF_REC_CHANGED	Resource definition already changed
6	FSEGDEF_INV_RESTYPE	Invalid resource type
7	FSEGDEF_INV_VER	Invalid resource version

Table 551. FSEGDEF FEEDBACK error codes (continued)

Value	Code	Description
11	FSEGDEF_NON_MP	Maintenance point CMAS not available
12	FSEGDEF_INV_CONTEXT	Context not found
13	FSEGDEF_INCONSISTENT_SET	Inconsistent set condition
14	FSEGDEF_INV_RESGROUP	Resource group not found
21	FSEGDEF_INV_ACTION	Invalid action
22	FSEGDEF_INV_RECADDR	Invalid record address
23	FSEGDEF_INV_RECLEN	Invalid record length
24	FSEGDEF_DIFF_VERSION	Different version
25	FSEGDEF_EARLY_NAMELIST_END	Early name list end
26	FSEGDEF_INV_NAMELIST	Invalid name list
27	FSEGDEF_INV_NAME	Invalid name
28	FSEGDEF_INV_MINNAME	Invalid minor name

Table 552. FSEGDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	File key segment definition name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15		24
ALTKEY01	CHAR	CPSM	1	No	DIFF	Key segment 01 uses EBCDIC sort sequence			EALL	46
ALTKEY01 Input/output valid values	<ul style="list-style-type: none"> <li>N</li> <li>Y</li> </ul>									
ALTKEY02	CHAR	CPSM	1	No	DIFF	Key segment 02 uses EBCDIC sort sequence			EALL	64
ALTKEY02 Input/output valid values	<ul style="list-style-type: none"> <li>N</li> <li>Y</li> </ul>									
ALTKEY03	CHAR	CPSM	1	No	DIFF	Key segment 03 uses EBCDIC sort sequence			EALL	82
ALTKEY03 Input/output valid values	<ul style="list-style-type: none"> <li>N</li> <li>Y</li> </ul>									
ALTKEY04	CHAR	CPSM	1	No	DIFF	Key segment 04 uses EBCDIC sort sequence			EALL	100
ALTKEY04 Input/output valid values	<ul style="list-style-type: none"> <li>N</li> <li>Y</li> </ul>									
ALTKEY05	CHAR	CPSM	1	No	DIFF	Key segment 05 uses EBCDIC sort sequence			EALL	118
ALTKEY05 Input/output valid values	<ul style="list-style-type: none"> <li>N</li> <li>Y</li> </ul>									
ALTKEY06	CHAR	CPSM	1	No	DIFF	Key segment 06 uses EBCDIC sort sequence			EALL	136
ALTKEY06 Input/output valid values	<ul style="list-style-type: none"> <li>N</li> <li>Y</li> </ul>									



Table 552. FSEGDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
ALTKEY07	CHAR	CPSM	1	No	DIFF	Key segment 07 uses EBCDIC sort sequence			EALL	154
ALTKEY07 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
ALTKEY08	CHAR	CPSM	1	No	DIFF	Key segment 08 uses EBCDIC sort sequence			EALL	172
ALTKEY08 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
ALTKEY09	CHAR	CPSM	1	No	DIFF	Key segment 09 uses EBCDIC sort sequence			EALL	190
ALTKEY09 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
ALTKEY10	CHAR	CPSM	1	No	DIFF	Key segment 10 uses EBCDIC sort sequence			EALL	208
ALTKEY10 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
ALTKEY11	CHAR	CPSM	1	No	DIFF	Key segment 11 uses EBCDIC sort sequence			EALL	226
ALTKEY11 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
ALTKEY12	CHAR	CPSM	1	No	DIFF	Key segment 12 uses EBCDIC sort sequence			EALL	244
ALTKEY12 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
ALTKEY13	CHAR	CPSM	1	No	DIFF	Key segment 13 uses EBCDIC sort sequence			EALL	262
ALTKEY13 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
ALTKEY14	CHAR	CPSM	1	No	DIFF	Key segment 14 uses EBCDIC sort sequence			EALL	280
ALTKEY14 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
ALTKEY15	CHAR	CPSM	1	No	DIFF	Key segment 15 uses EBCDIC sort sequence			EALL	298
ALTKEY15 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
ALTKEY16	CHAR	CPSM	1	No	DIFF	Key segment 16 uses EBCDIC sort sequence			EALL	316
ALTKEY16 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
ALTKEY17	CHAR	CPSM	1	No	DIFF	Key segment 17 uses EBCDIC sort sequence			EALL	334
ALTKEY17 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
ALTKEY18	CHAR	CPSM	1	No	DIFF	Key segment 18 uses EBCDIC sort sequence			EALL	352
ALTKEY18 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									

Table 552. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
ALTKEY19	CHAR	CPSM	1	No	DIFF	Key segment 19 uses EBCDIC sort sequence			EALL	370
ALTKEY19 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
ALTKEY20	CHAR	CPSM	1	No	DIFF	Key segment 20 uses EBCDIC sort sequence			EALL	388
ALTKEY20 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
ALTKEY21	CHAR	CPSM	1	No	DIFF	Key segment 21 uses EBCDIC sort sequence			EALL	406
ALTKEY21 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
ALTKEY22	CHAR	CPSM	1	No	DIFF	Key segment 22 uses EBCDIC sort sequence			EALL	424
ALTKEY22 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
ALTKEY23	CHAR	CPSM	1	No	DIFF	Key segment 23 uses EBCDIC sort sequence			EALL	442
ALTKEY23 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
ALTKEY24	CHAR	CPSM	1	No	DIFF	Key segment 24 uses EBCDIC sort sequence			EALL	460
ALTKEY24 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
BINKEY01	CHAR	CPSM	1	No	DIFF	Key segment 01 is binary			EALL	43
BINKEY01 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
BINKEY02	CHAR	CPSM	1	No	DIFF	Key segment 02 is binary			EALL	61
BINKEY02 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
BINKEY03	CHAR	CPSM	1	No	DIFF	Key segment 03 is binary			EALL	79
BINKEY03 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
BINKEY04	CHAR	CPSM	1	No	DIFF	Key segment 04 is binary			EALL	97
BINKEY04 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
BINKEY05	CHAR	CPSM	1	No	DIFF	Key segment 05 is binary			EALL	115
BINKEY05 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
BINKEY06	CHAR	CPSM	1	No	DIFF	Key segment 06 is binary			EALL	133
BINKEY06 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
BINKEY07	CHAR	CPSM	1	No	DIFF	Key segment 07 is binary			EALL	151
BINKEY07 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									

Table 552. FSEGDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
BINKEY08	CHAR	CPSM	1	No	DIFF	Key segment 08 is binary			EALL	169
BINKEY08 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
BINKEY09	CHAR	CPSM	1	No	DIFF	Key segment 09 is binary			EALL	187
BINKEY09 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
BINKEY10	CHAR	CPSM	1	No	DIFF	Key segment 10 is binary			EALL	205
BINKEY10 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
BINKEY11	CHAR	CPSM	1	No	DIFF	Key segment 11 is binary			EALL	223
BINKEY11 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
BINKEY12	CHAR	CPSM	1	No	DIFF	Key segment 12 is binary			EALL	241
BINKEY12 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
BINKEY13	CHAR	CPSM	1	No	DIFF	Key segment 13 is binary			EALL	259
BINKEY13 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
BINKEY14	CHAR	CPSM	1	No	DIFF	Key segment 14 is binary			EALL	277
BINKEY14 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
BINKEY15	CHAR	CPSM	1	No	DIFF	Key segment 15 is binary			EALL	295
BINKEY15 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
BINKEY16	CHAR	CPSM	1	No	DIFF	Key segment 16 is binary			EALL	313
BINKEY16 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
BINKEY17	CHAR	CPSM	1	No	DIFF	Key segment 17 is binary			EALL	331
BINKEY17 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
BINKEY18	CHAR	CPSM	1	No	DIFF	Key segment 18 is binary			EALL	349
BINKEY18 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
BINKEY19	CHAR	CPSM	1	No	DIFF	Key segment 19 is binary			EALL	367
BINKEY19 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
BINKEY20	CHAR	CPSM	1	No	DIFF	Key segment 20 is binary			EALL	385
BINKEY20 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
BINKEY21	CHAR	CPSM	1	No	DIFF	Key segment 21 is binary			EALL	403
BINKEY21 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									

Table 552. FSEGDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
BINKEY22	CHAR	CPSM	1	No	DIFF	Key segment 22 is binary			EALL	421
BINKEY22 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
BINKEY23	CHAR	CPSM	1	No	DIFF	Key segment 23 is binary			EALL	439
BINKEY23 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
BINKEY24	CHAR	CPSM	1	No	DIFF	Key segment 24 is binary			EALL	457
BINKEY24 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Definition create time				472
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		564
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Definition description				504
DUPKEY01	CHAR	CPSM	1	No	DIFF	Key segment 01 allows duplicate keys			EALL	41
DUPKEY01 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
DUPKEY02	CHAR	CPSM	1	No	DIFF	Key segment 02 allows duplicate keys			EALL	59
DUPKEY02 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
DUPKEY03	CHAR	CPSM	1	No	DIFF	Key segment 03 allows duplicate keys			EALL	77
DUPKEY03 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
DUPKEY04	CHAR	CPSM	1	No	DIFF	Key segment 04 allows duplicate keys			EALL	95
DUPKEY04 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
DUPKEY05	CHAR	CPSM	1	No	DIFF	Key segment 05 allows duplicate keys			EALL	113
DUPKEY05 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
DUPKEY06	CHAR	CPSM	1	No	DIFF	Key segment 06 allows duplicate keys			EALL	131
DUPKEY06 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
DUPKEY07	CHAR	CPSM	1	No	DIFF	Key segment 07 allows duplicate keys			EALL	149

Table 552. FSEGDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
DUPKEY07 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
DUPKEY08	CHAR	CPSM	1	No	DIFF	Key segment 08 allows duplicate keys			EALL	167
DUPKEY08 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
DUPKEY09	CHAR	CPSM	1	No	DIFF	Key segment 09 allows duplicate keys			EALL	185
DUPKEY09 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
DUPKEY10	CHAR	CPSM	1	No	DIFF	Key segment 10 allows duplicate keys			EALL	203
DUPKEY10 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
DUPKEY11	CHAR	CPSM	1	No	DIFF	Key segment 11 allows duplicate keys			EALL	221
DUPKEY11 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
DUPKEY12	CHAR	CPSM	1	No	DIFF	Key segment 12 allows duplicate keys			EALL	239
DUPKEY12 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
DUPKEY13	CHAR	CPSM	1	No	DIFF	Key segment 13 allows duplicate keys			EALL	257
DUPKEY13 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
DUPKEY14	CHAR	CPSM	1	No	DIFF	Key segment 14 allows duplicate keys			EALL	275
DUPKEY14 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
DUPKEY15	CHAR	CPSM	1	No	DIFF	Key segment 15 allows duplicate keys			EALL	293
DUPKEY15 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
DUPKEY16	CHAR	CPSM	1	No	DIFF	Key segment 16 allows duplicate keys			EALL	311
DUPKEY16 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
DUPKEY17	CHAR	CPSM	1	No	DIFF	Key segment 17 allows duplicate keys			EALL	329
DUPKEY17 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
DUPKEY18	CHAR	CPSM	1	No	DIFF	Key segment 18 allows duplicate keys			EALL	347
DUPKEY18 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
DUPKEY19	CHAR	CPSM	1	No	DIFF	Key segment 19 allows duplicate keys			EALL	365

Table 552. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
DUPKEY19 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
DUPKEY20	CHAR	CPSM	1	No	DIFF	Key segment 20 allows duplicate keys			EALL	383
DUPKEY20 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
DUPKEY21	CHAR	CPSM	1	No	DIFF	Key segment 21 allows duplicate keys			EALL	401
DUPKEY21 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
DUPKEY22	CHAR	CPSM	1	No	DIFF	Key segment 22 allows duplicate keys			EALL	419
DUPKEY22 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
DUPKEY23	CHAR	CPSM	1	No	DIFF	Key segment 23 allows duplicate keys			EALL	437
DUPKEY23 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
DUPKEY24	CHAR	CPSM	1	No	DIFF	Key segment 24 allows duplicate keys			EALL	455
DUPKEY24 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
LENKEY01	CHAR	CPSM	4	No	DIFF	Key segment 01 length		0-999	EALL	37
LENKEY02	CHAR	CPSM	4	No	DIFF	Key segment 02 length		0-999	EALL	55
LENKEY03	CHAR	CPSM	4	No	DIFF	Key segment 03 length		0-999	EALL	73
LENKEY04	CHAR	CPSM	4	No	DIFF	Key segment 04 length		0-999	EALL	91
LENKEY05	CHAR	CPSM	4	No	DIFF	Key segment 05 length		0-999	EALL	109
LENKEY06	CHAR	CPSM	4	No	DIFF	Key segment 06 length		0-999	EALL	127
LENKEY07	CHAR	CPSM	4	No	DIFF	Key segment 07 length		0-999	EALL	145
LENKEY08	CHAR	CPSM	4	No	DIFF	Key segment 08 length		0-999	EALL	163
LENKEY09	CHAR	CPSM	4	No	DIFF	Key segment 09 length		0-999	EALL	181
LENKEY10	CHAR	CPSM	4	No	DIFF	Key segment 10 length		0-999	EALL	199
LENKEY11	CHAR	CPSM	4	No	DIFF	Key segment 11 length		0-999	EALL	217
LENKEY12	CHAR	CPSM	4	No	DIFF	Key segment 12 length		0-999	EALL	235
LENKEY13	CHAR	CPSM	4	No	DIFF	Key segment 13 length		0-999	EALL	253
LENKEY14	CHAR	CPSM	4	No	DIFF	Key segment 14 length		0-999	EALL	271
LENKEY15	CHAR	CPSM	4	No	DIFF	Key segment 15 length		0-999	EALL	289
LENKEY16	CHAR	CPSM	4	No	DIFF	Key segment 16 length		0-999	EALL	307
LENKEY17	CHAR	CPSM	4	No	DIFF	Key segment 17 length		0-999	EALL	325
LENKEY18	CHAR	CPSM	4	No	DIFF	Key segment 18 length		0-999	EALL	343
LENKEY19	CHAR	CPSM	4	No	DIFF	Key segment 19 length		0-999	EALL	361
LENKEY20	CHAR	CPSM	4	No	DIFF	Key segment 20 length		0-999	EALL	379
LENKEY21	CHAR	CPSM	4	No	DIFF	Key segment 21 length		0-999	EALL	397
LENKEY22	CHAR	CPSM	4	No	DIFF	Key segment 22 length		0-999	EALL	415

Table 552. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
LENKEY23	CHAR	CPSM	4	No	DIFF	Key segment 23 length		0-999	EALL	433
LENKEY24	CHAR	CPSM	4	No	DIFF	Key segment 24 length		0-999	EALL	451
MODKEY01	CHAR	CPSM	1	No	DIFF	Key segment 01 modifiable			EALL	42
MODKEY01 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
MODKEY02	CHAR	CPSM	1	No	DIFF	Key segment 02 modifiable			EALL	60
MODKEY02 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
MODKEY03	CHAR	CPSM	1	No	DIFF	Key segment 03 modifiable			EALL	78
MODKEY03 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
MODKEY04	CHAR	CPSM	1	No	DIFF	Key segment 04 modifiable			EALL	96
MODKEY04 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
MODKEY05	CHAR	CPSM	1	No	DIFF	Key segment 05 modifiable			EALL	114
MODKEY05 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
MODKEY06	CHAR	CPSM	1	No	DIFF	Key segment 06 modifiable			EALL	132
MODKEY06 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
MODKEY07	CHAR	CPSM	1	No	DIFF	Key segment 07 modifiable			EALL	150
MODKEY07 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
MODKEY08	CHAR	CPSM	1	No	DIFF	Key segment 08 modifiable			EALL	168
MODKEY08 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
MODKEY09	CHAR	CPSM	1	No	DIFF	Key segment 09 modifiable			EALL	186
MODKEY09 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
MODKEY10	CHAR	CPSM	1	No	DIFF	Key segment 10 modifiable			EALL	204
MODKEY10 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
MODKEY11	CHAR	CPSM	1	No	DIFF	Key segment 11 modifiable			EALL	222
MODKEY11 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									

Table 552. FSEGDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
MODKEY12	CHAR	CPSM	1	No	DIFF	Key segment 12 modifiable			EALL	240
MODKEY12 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
MODKEY13	CHAR	CPSM	1	No	DIFF	Key segment 13 modifiable			EALL	258
MODKEY13 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
MODKEY14	CHAR	CPSM	1	No	DIFF	Key segment 14 modifiable			EALL	276
MODKEY14 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
MODKEY15	CHAR	CPSM	1	No	DIFF	Key segment 15 modifiable			EALL	294
MODKEY15 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
MODKEY16	CHAR	CPSM	1	No	DIFF	Key segment 16 modifiable			EALL	312
MODKEY16 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
MODKEY17	CHAR	CPSM	1	No	DIFF	Key segment 17 modifiable			EALL	330
MODKEY17 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
MODKEY18	CHAR	CPSM	1	No	DIFF	Key segment 18 modifiable			EALL	348
MODKEY18 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
MODKEY19	CHAR	CPSM	1	No	DIFF	Key segment 19 modifiable			EALL	366
MODKEY19 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
MODKEY20	CHAR	CPSM	1	No	DIFF	Key segment 20 modifiable			EALL	384
MODKEY20 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
MODKEY21	CHAR	CPSM	1	No	DIFF	Key segment 21 modifiable			EALL	402
MODKEY21 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
MODKEY22	CHAR	CPSM	1	No	DIFF	Key segment 22 modifiable			EALL	420
MODKEY22 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
MODKEY23	CHAR	CPSM	1	No	DIFF	Key segment 23 modifiable			EALL	438
MODKEY23 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									



Table 552. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
MODKEY24	CHAR	CPSM	1	No	DIFF	Key segment 24 modifiable			EALL	456
MODKEY24 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
NULKEY01	CHAR	CPSM	1	No	DIFF	Key segment 01 allows null characters			EALL	44
NULKEY01 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
NULKEY02	CHAR	CPSM	1	No	DIFF	Key segment 02 allows null characters			EALL	62
NULKEY02 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
NULKEY03	CHAR	CPSM	1	No	DIFF	Key segment 03 allows null characters			EALL	80
NULKEY03 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
NULKEY04	CHAR	CPSM	1	No	DIFF	Key segment 04 allows null characters			EALL	98
NULKEY04 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
NULKEY05	CHAR	CPSM	1	No	DIFF	Key segment 05 allows null characters			EALL	116
NULKEY05 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
NULKEY06	CHAR	CPSM	1	No	DIFF	Key segment 06 allows null characters			EALL	134
NULKEY06 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
NULKEY07	CHAR	CPSM	1	No	DIFF	Key segment 07 allows null characters			EALL	152
NULKEY07 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
NULKEY08	CHAR	CPSM	1	No	DIFF	Key segment 08 allows null characters			EALL	170
NULKEY08 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
NULKEY09	CHAR	CPSM	1	No	DIFF	Key segment 09 allows null characters			EALL	188
NULKEY09 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
NULKEY10	CHAR	CPSM	1	No	DIFF	Key segment 10 allows null characters			EALL	206
NULKEY10 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
NULKEY11	CHAR	CPSM	1	No	DIFF	Key segment 11 allows null characters			EALL	224
NULKEY11 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									

Table 552. FSEGDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NULKEY12	CHAR	CPSM	1	No	DIFF	Key segment 12 allows null characters			EALL	242
NULKEY12 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
NULKEY13	CHAR	CPSM	1	No	DIFF	Key segment 13 allows null characters			EALL	260
NULKEY13 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
NULKEY14	CHAR	CPSM	1	No	DIFF	Key segment 14 allows null characters			EALL	278
NULKEY14 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
NULKEY15	CHAR	CPSM	1	No	DIFF	Key segment 15 allows null characters			EALL	296
NULKEY15 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
NULKEY16	CHAR	CPSM	1	No	DIFF	Key segment 16 allows null characters			EALL	314
NULKEY16 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
NULKEY17	CHAR	CPSM	1	No	DIFF	Key segment 17 allows null characters			EALL	332
NULKEY17 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
NULKEY18	CHAR	CPSM	1	No	DIFF	Key segment 18 allows null characters			EALL	350
NULKEY18 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
NULKEY19	CHAR	CPSM	1	No	DIFF	Key segment 19 allows null characters			EALL	368
NULKEY19 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
NULKEY20	CHAR	CPSM	1	No	DIFF	Key segment 20 allows null characters			EALL	386
NULKEY20 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
NULKEY21	CHAR	CPSM	1	No	DIFF	Key segment 21 allows null characters			EALL	404
NULKEY21 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
NULKEY22	CHAR	CPSM	1	No	DIFF	Key segment 22 allows null characters			EALL	422
NULKEY22 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
NULKEY23	CHAR	CPSM	1	No	DIFF	Key segment 23 allows null characters			EALL	440
NULKEY23 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									

Table 552. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NULKEY24	CHAR	CPSM	1	No	DIFF	Key segment 24 allows null characters			EALL	458
NULKEY24 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
NUMNLK01	CHAR	CPSM	4	No	DIFF	Key segment 01 null key number		0-255	EALL	47
NUMNLK02	CHAR	CPSM	4	No	DIFF	Key segment 02 null key number		0-255	EALL	65
NUMNLK03	CHAR	CPSM	4	No	DIFF	Key segment 03 null key number		0-255	EALL	83
NUMNLK04	CHAR	CPSM	4	No	DIFF	Key segment 04 null key number		0-255	EALL	101
NUMNLK05	CHAR	CPSM	4	No	DIFF	Key segment 05 null key number		0-255	EALL	119
NUMNLK06	CHAR	CPSM	4	No	DIFF	Key segment 06 null key number		0-255	EALL	137
NUMNLK07	CHAR	CPSM	4	No	DIFF	Key segment 07 null key number		0-255	EALL	155
NUMNLK08	CHAR	CPSM	4	No	DIFF	Key segment 08 null key number		0-255	EALL	173
NUMNLK09	CHAR	CPSM	4	No	DIFF	Key segment 09 null key number		0-255	EALL	191
NUMNLK10	CHAR	CPSM	4	No	DIFF	Key segment 10 null key number		0-255	EALL	209
NUMNLK11	CHAR	CPSM	4	No	DIFF	Key segment 11 null key number		0-255	EALL	227
NUMNLK12	CHAR	CPSM	4	No	DIFF	Key segment 12 null key number		0-255	EALL	245
NUMNLK13	CHAR	CPSM	4	No	DIFF	Key segment 13 null key number		0-255	EALL	263
NUMNLK14	CHAR	CPSM	4	No	DIFF	Key segment 14 null key number		0-255	EALL	281
NUMNLK15	CHAR	CPSM	4	No	DIFF	Key segment 15 null key number		0-255	EALL	299
NUMNLK16	CHAR	CPSM	4	No	DIFF	Key segment 16 null key number		0-255	EALL	317
NUMNLK17	CHAR	CPSM	4	No	DIFF	Key segment 17 null key number		0-255	EALL	335
NUMNLK18	CHAR	CPSM	4	No	DIFF	Key segment 18 null key number		0-255	EALL	353
NUMNLK19	CHAR	CPSM	4	No	DIFF	Key segment 19 null key number		0-255	EALL	371
NUMNLK20	CHAR	CPSM	4	No	DIFF	Key segment 20 null key number		0-255	EALL	389
NUMNLK21	CHAR	CPSM	4	No	DIFF	Key segment 21 null key number		0-255	EALL	407
NUMNLK22	CHAR	CPSM	4	No	DIFF	Key segment 22 null key number		0-255	EALL	425
NUMNLK23	CHAR	CPSM	4	No	DIFF	Key segment 23 null key number		0-255	EALL	443
NUMNLK24	CHAR	CPSM	4	No	DIFF	Key segment 24 null key number		0-255	EALL	461
POSKEY01	CHAR	CPSM	4	No	DIFF	Key segment 01 position		0-4090	EALL	33

Table 552. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
POSKEY02	CHAR	CPSM	4	No	DIFF	Key segment 02 position		0-4090	EALL	51
POSKEY03	CHAR	CPSM	4	No	DIFF	Key segment 03 position		0-4090	EALL	69
POSKEY04	CHAR	CPSM	4	No	DIFF	Key segment 04 position		0-4090	EALL	87
POSKEY05	CHAR	CPSM	4	No	DIFF	Key segment 05 position		0-4090	EALL	105
POSKEY06	CHAR	CPSM	4	No	DIFF	Key segment 06 position		0-4090	EALL	123
POSKEY07	CHAR	CPSM	4	No	DIFF	Key segment 07 position		0-4090	EALL	141
POSKEY08	CHAR	CPSM	4	No	DIFF	Key segment 08 position		0-4090	EALL	159
POSKEY09	CHAR	CPSM	4	No	DIFF	Key segment 09 position		0-4090	EALL	177
POSKEY10	CHAR	CPSM	4	No	DIFF	Key segment 10 position		0-4090	EALL	195
POSKEY11	CHAR	CPSM	4	No	DIFF	Key segment 11 position		0-4090	EALL	213
POSKEY12	CHAR	CPSM	4	No	DIFF	Key segment 12 position		0-4090	EALL	231
POSKEY13	CHAR	CPSM	4	No	DIFF	Key segment 13 position		0-4090	EALL	249
POSKEY14	CHAR	CPSM	4	No	DIFF	Key segment 14 position		0-4090	EALL	267
POSKEY15	CHAR	CPSM	4	No	DIFF	Key segment 15 position		0-4090	EALL	285
POSKEY16	CHAR	CPSM	4	No	DIFF	Key segment 16 position		0-4090	EALL	303
POSKEY17	CHAR	CPSM	4	No	DIFF	Key segment 17 position		0-4090	EALL	321
POSKEY18	CHAR	CPSM	4	No	DIFF	Key segment 18 position		0-4090	EALL	339
POSKEY19	CHAR	CPSM	4	No	DIFF	Key segment 19 position		0-4090	EALL	357
POSKEY20	CHAR	CPSM	4	No	DIFF	Key segment 20 position		0-4090	EALL	375
POSKEY21	CHAR	CPSM	4	No	DIFF	Key segment 21 position		0-4090	EALL	393
POSKEY22	CHAR	CPSM	4	No	DIFF	Key segment 22 position		0-4090	EALL	411
POSKEY23	CHAR	CPSM	4	No	DIFF	Key segment 23 position		0-4090	EALL	429
POSKEY24	CHAR	CPSM	4	No	DIFF	Key segment 24 position		0-4090	EALL	447
SAMKEY01	CHAR	CPSM	1	No	DIFF	Key segment 01 part of next segment			EALL	45
SAMKEY01 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
SAMKEY02	CHAR	CPSM	1	No	DIFF	Key segment 02 part of next segment			EALL	63
SAMKEY02 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
SAMKEY03	CHAR	CPSM	1	No	DIFF	Key segment 03 part of next segment			EALL	81
SAMKEY03 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
SAMKEY04	CHAR	CPSM	1	No	DIFF	Key segment 04 part of next segment			EALL	99
SAMKEY04 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
SAMKEY05	CHAR	CPSM	1	No	DIFF	Key Seg 05 part of next segment			EALL	117
SAMKEY05 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
SAMKEY06	CHAR	CPSM	1	No	DIFF	Key segment 06 part of next segment			EALL	135

Table 552. FSEGDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
SAMKEY06 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
SAMKEY07	CHAR	CPSM	1	No	DIFF	Key segment 07 part of next segment			EALL	153
SAMKEY07 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
SAMKEY08	CHAR	CPSM	1	No	DIFF	Key segment 08 part of next segment			EALL	171
SAMKEY08 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
SAMKEY09	CHAR	CPSM	1	No	DIFF	Key segment 09 part of next segment			EALL	189
SAMKEY09 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
SAMKEY10	CHAR	CPSM	1	No	DIFF	Key segment 10 part of next segment			EALL	207
SAMKEY10 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
SAMKEY11	CHAR	CPSM	1	No	DIFF	Key segment 11 part of next segment			EALL	225
SAMKEY11 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
SAMKEY12	CHAR	CPSM	1	No	DIFF	Key segment 12 part of next segment			EALL	243
SAMKEY12 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
SAMKEY13	CHAR	CPSM	1	No	DIFF	Key segment 13 part of next segment			EALL	261
SAMKEY13 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
SAMKEY14	CHAR	CPSM	1	No	DIFF	Key segment 14 part of next segment			EALL	279
SAMKEY14 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
SAMKEY15	CHAR	CPSM	1	No	DIFF	Key segment 15 part of next segment			EALL	297
SAMKEY15 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
SAMKEY16	CHAR	CPSM	1	No	DIFF	Key segment 16 part of next segment			EALL	315
SAMKEY16 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
SAMKEY17	CHAR	CPSM	1	No	DIFF	Key segment 17 part of next segment			EALL	333
SAMKEY17 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
SAMKEY18	CHAR	CPSM	1	No	DIFF	Key segment 18 part of next segment			EALL	351

Table 552. FSEGDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
SAMKEY18 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
SAMKEY19	CHAR	CPSM	1	No	DIFF	Key segment 19 part of next segment			EALL	369
SAMKEY19 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
SAMKEY20	CHAR	CPSM	1	No	DIFF	Key segment 20 part of next segment			EALL	387
SAMKEY20 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
SAMKEY21	CHAR	CPSM	1	No	DIFF	Key segment 21 part of next segment			EALL	405
SAMKEY21 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
SAMKEY22	CHAR	CPSM	1	No	DIFF	Key segment 22 part of next segment			EALL	423
SAMKEY22 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
SAMKEY23	CHAR	CPSM	1	No	DIFF	Key segment 23 part of next segment			EALL	441
SAMKEY23 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
SAMKEY24	CHAR	CPSM	1	No	DIFF	Key segment 24 part of next segment			EALL	459
SAMKEY24 Input/output valid values	<ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				480
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				488
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				496

# Chapter 245. FSGINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a file key segment definition (FSEGDEF) in a resource group (RESGROUP). An FSEGDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is FSEGGROUP.

The **Secondary** key field for this resource class is FSEGNAME.

The **Tertiary** key field for this resource class is FSEGVER.

There are no object specific actions for this resource class.

**Object type**

CICSplex SM Definition

**Length**

56

**Usage**

API, Batch Utility, WUI

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt6165

**Security Class**

BAS.DEF

Table 553. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 554. FSGINGRP FEEDBACK error codes		
Value	Code	Description
1	FSGINGRP_INV_DATA	Attribute data invalid
2	FSGINGRP_REC_NOT_FOUND	Requested resource not found
4	FSGINGRP_REC_EXISTS	Resource already exists
6	FSGINGRP_INV_RESTYPE	Invalid resource type
7	FSGINGRP_INV_VER	Invalid resource version
11	FSGINGRP_NON_MP	Maintenance point CMAS not available

Table 554. FSGINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	FSGINGRP_INV_CONTEXT	Context not found
21	FSGINGRP_INCONSISTENT_SET	Inconsistent set
22	FSGINGRP_DIFF_VERSION	Different version
23	FSGINGRP_INV_NAME	Invalid name
24	FSGINGRP_INV_MINNAME	Invalid minor name

Table 555. FSGINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
<b>FSEGGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
<b>FSEGNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	File key segment definition name	44
<b>FSEGV-3</b>	BINARY	CPSM	1	Yes	AVG	File key segment definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16



## Chapter 246. FTRINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a FEPI Target definition (FETRDEF) in a resource group (RESGROUP). A FETRDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is FTRGROUP.

The **Secondary** key field for this resource class is FTRNAME.

The **Tertiary** key field for this resource class is FTRVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6173

### Security Class

BAS.DEF

Table 556. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 557. FTRINGRP FEEDBACK error codes		
Value	Code	Description
1	FTRINGRP_INV_DATA	Attribute data invalid
2	FTRINGRP_REC_NOT_FOUND	Requested resource not found
4	FTRINGRP_REC_EXISTS	Resource already exists
6	FTRINGRP_INV_RESTYPE	Invalid resource type
7	FTRINGRP_INV_VER	Invalid resource version
11	FTRINGRP_NON_MP	Maintenance point CMAS not available

Table 557. FTRINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	FTRINGRP_INV_CONTEXT	Context not found
21	FTRINGRP_INCONSISTENT_SET	Inconsistent set
22	FTRINGRP_DIFF_VERSION	Different version
23	FTRINGRP_INV_NAME	Invalid name
24	FTRINGRP_INV_MINNAME	Invalid minor name

Table 558. FTRINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
<b>FTRGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
<b>FTRNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	FEPI target definition name	44
<b>FTRVER-3</b>	BINARY	CPSM	1	Yes	AVG	FEPI target definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 247. HOST Resource Table

A CICS resource that retrieves information about virtual hosts in the local system.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is TCPIPService.

**External resource name(CMCI)**

CICSURIHost

**Object type**

CICS Resource

**Length**

144

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0163

**CICS Commands subject to CICS Security**

INQUIRE HOST

Table 559. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A

Table 560. HOST resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	12
NAME-1	CHAR	INQ	HOST	HOST	116	DIFF	No	Name	16
TCPIPService-2	CHAR	INQ	HOST	TCPIPService	8	DIFF	No	Inbound port TCP/IP service relating to this host	132
ENABLESTATUS	CVDAS	INQ			4	LIKE	Yes	Status	140

Table 560. HOST resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
ENABLESTATUS Input/ output valid values	<ul style="list-style-type: none"> <li>ENABLED</li> <li>DISABLED</li> </ul>								

---

# Chapter 248. HTASK Resource Table

This CICSplex SM resource provides information about a completed task; that is, a task that previously ran in a system managed by CICSplex SM, but has now been completed. While a task is active, information can be obtained about the task by the TASK resource. After the task completes, information can be obtained by the HTASK resource, provided that CICSplex SM history recording was activated for the task.

The **Primary** key field for this resource class is TIME, which represents the time when the task was completed in the form of an 8-byte store clock (STCK) value. This task completion STCK is always in Coordinated Universal Time (UTC). UTC is a universal time standard that is Greenwich mean time (GMT) without any adjustment for leap seconds. In the following discussion of parameters, all times are UTC, and, when considering UTC completion times near to midnight, note that UTC affects the date as well.

The following parameters are supported for the GET operation:

STARTDATE(mm/dd/yyyy)  
STARTTIME(hh:mm:ss)  
ENDDATE(mm/dd/yyyy)  
ENDTIME(hh:mm:ss)  
INTERVAL(value)  
RECENT(value)

- If you use the RECENT parameter, you must not specify any other parameters.
- If you use the INTERVAL parameter, you must not specify the ENDDATE and ENDTIME parameters.

This resource class has no object-specific actions.

**Note:** The transaction number attribute (TASK) is normally a 4-byte packed decimal number. However, some CICS system tasks are identified by transaction numbers that comprise special characters, as follows:

- ' III' for system initialization task
- ' TCP' for terminal control.

These special identifiers are placed in bytes 2 through 4. Byte 1 is a blank (X'40') before the terminal control TCP identifier, and a null value (X'00') before the others. Because the TASK attribute is expected to contain a packed decimal value, it is not possible to specify the special values TASK=' III' or TASK=' TCP' in a filter. If you need to retrieve task history data for these tasks, you must use another attribute in your filter string, for example, TRANID='CSTP'.

**External resource name(CMCI)**

CICSTaskHistory

**Object type**

CICS Resource

**Length**

3824

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0154

**CICS Commands subject to CICS Security**

INQUIRE TASK

*Table 561. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		ENDDATE(value)	No
		ENDTIME(value)	No
		INTERVAL(value)	No
		RECENT(value)	No
		STARTDATE(value)	No
		STARTTIME(value)	No

*Table 562. HTASK FEEDBACK error codes*

Value	Code	Description
21	HTASK_INV_COMB_RECENT	RECENT parameter not unique
22	HTASK_INV_COMB_INTV_ET	Bad combination (INTERVAL +ENDTIME)
23	HTASK_INV_COMB_INTV_ED	Bad combination (INTERVAL +ENDDATE)
24	HTASK_INV_COMB_START_END	STARTDATE/TIME must precede ENDDATE/TIME
25	HTASK_INV_RECENT	Invalid RECENT value
26	HTASK_INV_INTERVAL	Invalid INTERVAL value

*Table 563. HTASK resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		12
<b>TIME-1</b>	HEX	CMF	DFHMNTDS	TMRATTT	8	MIN	Time key		16
ABCODEC	CHAR	CMF			4	DIFF	Current ABEND code		132
ABCODEO	CHAR	CMF	DFHMNTDS	TMRABCDC	4	DIFF	Original ABEND code		128
ACAPPLNAME	CHAR	CMF			64	LIKE	Initial Application Name	E640 E650 E660 E670	3416
ACMAJORVER	BINARY	CMF			4	MAX	Initial Application Major Version	E640 E650 E660 E670	3608

Table 563. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
ACMICROVER	BINARY	CMF			4	MAX	Initial Application Micro Version	E640 E650 E660 E670	3616
ACMINORVER	BINARY	CMF			4	MAX	Initial Application Minor Version	E640 E650 E660 E670	3612
ACOPERNAME	CHAR	CMF			64	LIKE	Initial Application Operation	E640 E650 E660 E670	3544
ACPLATNAME	CHAR	CMF			64	LIKE	Initial Platform	E640 E650 E660 E670	3480
ACTVTYID	HEX	CMF	DFHMNTDS	TMRACTID	52	MIN	BTS activity ID		1044
ACTVTYNM	CHAR	CMF	DFHMNTDS	TMRACTNM	16	DIFF	BTS activity name		1028
ALLOCATES	BINARY	CMF	DFHMNTDS	TMRTAC	4	AVG	Number of ALLOCATE requests		168
APPLNAMEPROG	CHAR	CMF	EYURNHDD	NHDD_APPL_PROG	8	DIFF	Application naming - program name		2376
APPLNAMETRAN	CHAR	CMF	EYURNHDD	NHDD_APPL_TRAN	4	DIFF	Application naming - transaction name		2372
ASFREECT	BINARY	CMF			4	MAX	Number of EXEC CICS FREE CHILD commands	E640 E650 E660 E670 E680 E690 E700	3732
ASFTCHCT	BINARY	CMF			4	MAX	Number of EXEC CICS FETCH commands	E640 E650 E660 E670 E680 E690 E700	3728
ASFTCHWT	SCLOCK12	CMF			12	MAX	EXEC CICS FETCH wait time	E640 E650 E660 E670 E680 E690 E700	3736
ASRNATWT	SCLOCK12	CMF			12	MAX	EXEC CICS RUN TRANSID delayed time	E640 E650 E660 E670 E680 E690 E700	3748
ASRUNCT	BINARY	CMF			4	MAX	Number of EXEC CICS RUN TRANSID commands	E640 E650 E660 E670 E680 E690 E700	3724

Table 563. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
ASTOTCT	BINARY	CMF			4	MAX	Number of asynchronous API commands	E640 E650 E660 E670 E680 E690 E700	3720
BAACDCCT	BINARY	CMF	DFHMNTDS	TMRBAADC	4	AVG	BTS activity data container requests		1144
BAACQPCT	BINARY	CMF	DFHMNTDS	TMRBAAPC	4	AVG	BTS acquire requests		1132
BADACTCT	BINARY	CMF	DFHMNTDS	TMRBADAC	4	AVG	BTS define activity requests		1112
BADCPACT	BINARY	CMF	DFHMNTDS	TMRBDCPC	4	AVG	BTS delete activity and cancel requests		1128
BADFIECT	BINARY	CMF	DFHMNTDS	TMRBADIC	4	AVG	BTS define input event requests		1156
BADPROCT	BINARY	CMF	DFHMNTDS	TMRBADPC	4	AVG	BTS define process requests		1108
BALKPACT	BINARY	CMF	DFHMNTDS	TMRBALKC	4	AVG	BTS link requests		1104
BAPRDCCT	BINARY	CMF	DFHMNTDS	TMRBAPDC	4	AVG	BTS process data container requests		1140
BARASYCT	BINARY	CMF	DFHMNTDS	TMRBARAC	4	AVG	BTS run asynchronous requests		1100
BARATECT	BINARY	CMF	DFHMNTDS	TMRBAREC	4	AVG	BTS retrieve reattach event requests		1152
BARMPACT	BINARY	CMF	DFHMNTDS	TMRBRPAC	4	AVG	BTS resume requests		1124
BARSPACT	BINARY	CMF	DFHMNTDS	TMRBTPAC	4	AVG	BTS reset requests		1116
BARSYNCT	BINARY	CMF	DFHMNTDS	TMRBARSC	4	AVG	BTS run synchronous requests		1096
BASUPACT	BINARY	CMF	DFHMNTDS	TMRBSPAC	4	AVG	BTS suspend requests		1120
BATIAECT	BINARY	CMF	DFHMNTDS	TMRBATAC	4	AVG	BTS timer associated event requests		1160
BATOTCCT	BINARY	CMF	DFHMNTDS	TMRBATCC	4	AVG	BTS total data container requests		1148
BATOTECT	BINARY	CMF	DFHMNTDS	TMRBATEC	4	AVG	BTS total event requests		1164
BATOTPCT	BINARY	CMF	DFHMNTDS	TMRBATPC	4	AVG	BTS total requests		1136
BMSCOUNT	BINARY	CMF	DFHMNTDS	TMRBMTCC	4	AVG	Total number of BMS requests		340
BMSINCNT	BINARY	CMF	DFHMNTDS	TMRBMIC	4	AVG	Number of BMS map in requests		332
BMSMAPCNT	BINARY	CMF	DFHMNTDS	TMRBMMC	4	AVG	Number of BMS map requests		328
BMSOUTCNT	BINARY	CMF	DFHMNTDS	TMRBMOC	4	AVG	Number of BMS map out requests		336
BRDGTRAN	EYUDA	CMF			4	LIKE	Transaction ID started by bridge		812
BRDGTRAN Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>								
BRIDGE	CHAR	CMF	DFHMNTDS	TMRBTRID	4	DIFF	Bridge transaction ID		808
BTECOMP	EYUDA	CPSM			4	LIKE	Workload manager begin-to-end phase complete		2008



Table 563. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Description	Get Invali d	Offse t
BTECOMP Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>								
CDSAGETM	BINARY	CMF	DFHMTDS	TMRSCCGB	4	AVG	Number of GETMAIN requests in CDSA		180
CDSAPSHWM	BINARY	CMF	DFHMTDS	TMRPCCBH	4	AVG	Maximum program storage in CDSA		260
CDSASHWM	BINARY	CMF	DFHMTDS	TMRCHWMB	4	AVG	Peak number of bytes used by task in CDSA		196
CDSASOCC	BINARY	CMF	DFHMTDS	TMRCOCCB	8	AVG	Average CDSA storage usage		220
CECMCHTP	CHAR	CMF			4	DIFF	CEC machine type		3344
CECMDLID	CHAR	CMF			16	DIFF	CEC model number		3348
CFDTWAIT	SCLOCK12	CMF	DFHMTDS	TMRCDTWT	12	MAX	CFDT wait time		908
CHARIN	BINARY	CMF	DFHMTDS	TMRTCI1C	4	AVG	Number of primary TC characters received		140
CHARINSEC	BINARY	CMF	DFHMTDS	TMRTCI2C	4	AVG	Number of secondary TC characters received		156
CHAROUT	BINARY	CMF	DFHMTDS	TMRTCO1C	4	AVG	Number of primary TC characters sent		148
CHAROUTSEC	BINARY	CMF	DFHMTDS	TMRTCO2C	4	AVG	Number of secondary TC characters sent		164
CHMODECT	BINARY	CMF			4	AVG	Number of CICS dispatcher change modes	E640 +	1404
CICSWAIT	SCLOCK12	CMF	DFHMTDS	TMRWCEWT	12	MAX	CICS event wait time		840
CLIPADDR	CHAR	CMF	DFHMTDS	TMRCIPAD	40	DIFF	Client IP address		1464
CONTROLWAIT	SCLOCK12	CMF	DFHMTDS	TMRGVPWT	12	MAX	Give-up-control wait time		864
CORREUOW	HEX	CPSM			23	MIN	Correlation UOW ID		2056
CPUTIME	SCLOCK12	CMF	DFHMTDS	TMRCPUT	12	MAX	User task CPU time		380
CPUTONCP	SCLOCK12	CMF			12	MAX	Total CPU time on a CP	E640 E650 E660 E670	3620
CURTASKS	BINARY	CMF			4	AVG	Current tasks		3340
DB2CONWT	SCLOCK12	CMF	DFHMTDS	TMRDB2WT	12	MAX	DB2 connection(TCB) wait time		1264
DB2RDYQW	SCLOCK12	CMF	DFHMTDS	TMRRDQWT	12	MAX	DB2 ready queue wait time		1252
DB2REQCT	BINARY	CMF	DFHMTDS	TMRDB2RC	4	AVG	Total number of DB2 requests		1400
DB2WAIT	SCLOCK12	CMF			12	MAX	DB2 request wait time	E680 +	1276
DETTRANYPE	EYUDA	CPSM			4	LIKE	Transaction type details		2004
DETTRANYPE Output valid values	<ul style="list-style-type: none"> <li>• NONE</li> <li>• SYSTEM</li> <li>• MIRROR</li> <li>• DPL</li> <li>• ONCRPC</li> <li>• WEB</li> <li>• BRIDGE</li> <li>• CICSPTS</li> </ul>								

Table 563. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
DHCRECT	BINARY	CMF	DFHMNTDS	TMRDHCRC	4	AVG	Number of DOCUMENT CREATE requests		1216
DHINSCT	BINARY	CMF	DFHMNTDS	TMRDHINC	4	AVG	Number of DOCUMENT INSERT requests		1220
DHRETCT	BINARY	CMF	DFHMNTDS	TMRDHRTC	4	AVG	Number of DOCUMENT RETRIEVE requests		1228
DHSETCT	BINARY	CMF	DFHMNTDS	TMRDHSTC	4	AVG	Number of DOCUMENT SET requests		1224
DHTOTCT	BINARY	CMF	DFHMNTDS	TMRDHTC	4	AVG	Total number of document requests		1232
DHTOTDCL	BINARY	CMF	DFHMNTDS	TMRDHTDL	4	AVG	Total length of documents created		1236
DISPTIME	SCLOCK12	CMF	DFHMNTDS	TMRDIST	12	MAX	User task dispatch time		368
DSAPTHWT	SCLOCK12	STAT	DFHMNTDS	TMRASRWT	12	AVG	Dispatcher allocate pthread wait time	E640 E650 E660 E670 E680 E690	3688
DSPDELAY	SCLOCK12	CMF	DFHMNTDS	TMRFDDLY	12	MAX	First dispatch delay time		604
ECDSAGETM	BINARY	CMF	DFHMNTDS	TMRSCCGA	4	AVG	Number of GETMAIN requests in ECDSA		184
ECDSAPSHWM	BINARY	CMF	DFHMNTDS	TMRPCCAH	4	AVG	Maximum program storage in ECDSA		256
ECDSASHWM	BINARY	CMF	DFHMNTDS	TMRCHWMA	4	AVG	Peak number of bytes used by task in ECDSA		200
ECDSASOCC	BINARY	CMF	DFHMNTDS	TMRCOCCA	8	AVG	Average ECDSA storage usage		228
ENQDELAY	SCLOCK12	CMF	DFHMNTDS	TMRNQDLY	12	MAX	Local enqueue delay time		640
EXECOMP	EYUDA	CPSM			4	LIKE	Workload manager execution phase complete		2012
EXECOMP Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>								
EXTERNWAIT	SCLOCK12	CMF	DFHMNTDS	TMRWTXWT	12	MAX	External wait time		828
EXWAIT	SCLOCK12	CMF	DFHMNTDS	TMREXWT	12	MAX	Exception wait time		416
FACILITY	CHAR	CMF	DFHMNTDS	TMRFC TY	4	DIFF	Principal facility		108
FACILITYTYPE	EYUDA	CMF			4	LIKE	Facility type		112
FACILITYTYPE Output valid values	<ul style="list-style-type: none"> <li>• TERMINAL</li> <li>• TDQUEUE</li> <li>• START</li> </ul>								
FCADDCNT	BINARY	CMF	DFHMNTDS	TMRFCAC	4	AVG	Number of file control ADD requests		280
FCAMCNT	BINARY	CMF	DFHMNTDS	TMRFCAMC	4	AVG	Number of file control access method requests		292
FCBRWCNT	BINARY	CMF	DFHMNTDS	TMRFCBC	4	AVG	Number of file control BROWSE requests		276
FCCOUNT	BINARY	CMF	DFHMNTDS	TMRFCTC	4	AVG	Total number of file control requests		288
FCDELCNT	BINARY	CMF	DFHMNTDS	TMRFCDC	4	AVG	Number of file control DELETE requests		284
FCGETCNT	BINARY	CMF	DFHMNTDS	TMRFCGC	4	AVG	Number of file control READ requests		268

Table 563. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
FCIOTIME	SCLOCK12	CMF	DFHMTDS	TMRFCWT	12	MAX	File control I/O wait time		440
FCPUTCNT	BINARY	CMF	DFHMTDS	TMRFCPC	4	AVG	Number of file control WRITE requests		272
FCVSWTT	SCLOCK12	CMF			12	MAX	File control VSAM string wait time	E640 E650 E660 E670	3404
FCXCWTT	SCLOCK12	CMF			12	MAX	File control exclusive control wait time	E640 E650 E660 E670	3392
FIRSTPRGM	CHAR	CMF	DFHMTDS	TMRPGNM	8	DIFF	First program name		64
GCDSAGETM	BINARY	CMF			4	AVG	Number of GETMAIN requests in GCDSA	E640 E650 E660 E670	3364
GCDSASHWM	BINARY	CMF			4	AVG	Peak number of bytes used by task in GCDSA expressed in 4k pages	E640 E650 E660 E670	3368
GNQDELAY	SCLOCK12	CMF	DFHMTDS	TMRGQDLY	12	MAX	Global enqueue delay time		1412
GUDSAGETM	BINARY	CMF			4	AVG	Number of GETMAIN requests in GUDSA	E640 E650 E660 E670	3372
GUDSASHWM	BINARY	CMF			4	AVG	Peak number of bytes used by task in GUDSA expressed in 4k pages	E640 E650 E660 E670	3376
ICCOUNT	BINARY	CMF	DFHMTDS	TMRICC	4	AVG	Number of Interval Control requests		360
IMSREQCT	BINARY	CMF	DFHMTDS	TMRIMSRC	4	AVG	Total number of IMS requests		1396
IMSWAIT	SCLOCK12	CMF	DFHMTDS	TMRIMSWT	12	MAX	IMS request wait time		1240
INDOUBT	EYUDA	CMF			4	LIKE	Transaction indoubt option		800
INDOUBT Output valid values	<ul style="list-style-type: none"> <li>• BACKWARD</li> <li>• FORWARD</li> </ul>								
INDOUBTFAIL	EYUDA	CPSM			4	LIKE	Recovery manager UOW indoubt failure		2036
INDOUBTFAIL Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>								
INDOUBTWAIT	EYUDA	CMF			4	LIKE	Indoubt wait time		804
INDOUBTWAIT Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>								
INTVLC	BINARY	CMF	DFHMTDS	TMRICTC	4	AVG	Interval control count		900
INTVLWAIT	SCLOCK12	CMF	DFHMTDS	TMRICDLY	12	MAX	Interval control delay time		852
IRIOTIME	SCLOCK12	CMF	DFHMTDS	TMRIRWT	12	MAX	Interregion communication (MRO) I/O wait time		476
ISALWTT	SCLOCK12	STAT			12	AVG	Delay time waiting for IPIC session allocation		3320
ISOLATEST	EYUDA	CMF			4	LIKE	Data isolation type		512

Table 563. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
ISOLATEST Output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• YES</li> </ul>								
J8CPUT	SCLOCK12	CMF	DFHMNTDS	TMRJ8CPU	12	MAX	J8 TCB mode CPU time	E680 +	1372
JCIOTIME	SCLOCK12	CMF	DFHMNTDS	TMRJCWT	12	MAX	Journal control I/O wait time		452
JCUSRWCNT	BINARY	CMF	DFHMNTDS	TMRJNLCT	4	AVG	Number of journal output requests		356
JRNLRWITREQ	BINARY	CMF	DFHMNTDS	TMRJNLCT	4	AVG	Number of journal write requests		756
JVMSUSP	SCLOCK12	CMF	DFHMNTDS	TMRJVMS	12	MAX	Total JVM suspend time		1532
JVMTIME	SCLOCK12	CMF	DFHMNTDS	TMRJVMT	12	MAX	Total JVM elapsed time		1520
L8CPUT	SCLOCK12	CMF	DFHMNTDS	TMRJL8CPU	12	MAX	L8 TCB mode CPU time		1360
LOCKMGRWAIT	SCLOCK12	CMF	DFHMNTDS	TMRJLMDLY	12	MAX	Lock manager wait time		816
LOGGRWITREQ	BINARY	CMF	DFHMNTDS	TMRJLGWCT	4	AVG	Number of CICS logger write requests		760
LPARNAME	CHAR	CMF	DFHMNTDS	TMRJPARN	8	DIFF	Logical partition name	E640 E650 E660 E670 E680 E690 E700	3768
LU61WTT	SCLOCK12	CMF	DFHMNTDS	TMR61WT	12	MAX	LU61 I/O wait time		652
LU62WTT	SCLOCK12	CMF	DFHMNTDS	TMR62WT	12	MAX	LU62 I/O wait time		664
LUNAME	CHAR	CMF	DFHMNTDS	TMRJLUNM	8	DIFF	VTAM LU name		72
MAXTASKS	BINARY	CMF			4	AVG	Maximum tasks		3336
MPPRTXCD	BINARY	CMF			4	MAX	Number of actions triggered by policy task rules		3644
MPSRACT	BINARY	CMF	DFHMNTDS	TMRMPSRA	4	AVG	Number of actions triggered by policy system rules	E640 E650 E660 E670 E680 E690 E700	3764
MPSRECT	BINARY	CMF	DFHMNTDS	TMRMPSRE	4	AVG	Number of times policy system rules evaluated	E640 E650 E660 E670 E680 E690 E700	3760
MSCPUT	SCLOCK12	CMF	DFHMNTDS	TMRMSCPU	12	MAX	Other TCB mode CPU time		1348
MSDISPT	SCLOCK12	CMF	DFHMNTDS	TMRMSDSP	12	MAX	Other TCB mode dispatch time		1336
MSGIN	BINARY	CMF	DFHMNTDS	TMRPINMC	4	AVG	Number of primary TC messages received		136
MSGINSEC	BINARY	CMF	DFHMNTDS	TMRISINMC	4	AVG	Number of secondary TC messages received		152
MSGOUT	BINARY	CMF	DFHMNTDS	TMRPOUMC	4	AVG	Number of primary TC messages sent		144
MSGOUTSEC	BINARY	CMF	DFHMNTDS	TMRSOUMC	4	AVG	Number of secondary TC messages sent		160

Table 563. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
MXTDELAY	SCLOCK12	CMF	DFHMNTDS	TMRFDMXT	12	MAX	First dispatch delay time caused by MXT		628
MXTOTDLY	SCLOCK12	CMF	DFHMNTDS	TMROTDLY	12	MAX	Maximum open TCB delay time		1288
NCGETCNT	BINARY	CMF	DFHMNTDS	TMRNCGET	4	AVG	Number of named counter get requests	E640 E650 E660 E670 E680 E690	3676
NETNAME	CHAR	CMF	DFHMNTDS	TMRNETPX	20	DIFF	LU 6.2 network-wide UOW netname		88
NETUOWID	HEX	CMF			27	MIN	LU6.2 network-wide UOW ID		1976
OADATA1	CHAR	CMF			64	DIFF	Originating adapter data 1	E640 E650 E660	3028
OADATA2	CHAR	CMF			64	DIFF	Originating adapter data 2	E640 E650 E660	3092
OADATA3	CHAR	CMF			64	DIFF	Originating adapter data 3	E640 E650 E660	3156
OADID	CHAR	CMF			64	DIFF	Originating adapter ID	E640 E650 E660	2964
OAPPLID	CHAR	CMF			8	MAX	Originating Application ID	E640	2512
OCLIPADR	CHAR	CMF			40	MAX	Originating client IP address	E640	2612
OCLIPORT	BINARY	CMF	DFHMNTDS	TMROCPNO	4	MAX	Originating client port number	E640	2652
OFCTYNME	CHAR	CMF			8	MAX	Originating facility name	E640	2664
OFFLCPUT	SCLOCK12	CMF			12	MAX	Offload eligible on standard CP	E640 E650 E660 E670	3632
ONETWKID	CHAR	CMF			8	MAX	Originating network ID	E640	2504
OPORTNUM	BINARY	CMF	DFHMNTDS	TMROCIPA	4	MAX	Originating portnumber	E640	2608
ORIGINTYPE	EYUDA	CPSM			4	LIKE	Transaction origin type		2020

Table 563. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
ORIGINTYPE Output valid values	<ul style="list-style-type: none"> <li>NONE</li> <li>TERMINAL</li> <li>TDQUEUE</li> <li>START</li> <li>TERMSTART</li> <li>SCHEDULED</li> <li>XMRUN</li> <li>BRIDGE</li> <li>SOCKET</li> <li>WEB</li> <li>IIOP</li> <li>RRS</li> <li>LU61</li> <li>LU62</li> <li>MRO</li> <li>ECI</li> <li>IIRQRECV</li> <li>RZSTTRPT</li> </ul>								
OSTART	TIMESTP	CMF	DFHMTDS	TMROATT	8	MAX	Originating task start time	E640	2488
OTCPVCE	CHAR	CMF			8	MAX	Originating TCPIP SERVICE	E640	2600
OTRAN	CHAR	CMF			4	MAX	Originating transaction ID	E640	2524
OTRANFLG	HEX	CMF	DFHMTDS	TMROFCTY	8	MAX	Originating transaction flags	E640	2656
OTRANNUM	DECIMAL	CMF	DFHMTDS	TMROTGPS	4	MAX	Originating task ID	E640	2520
OUSERCOR	CHAR	CMF			64	MAX	Originating user correlation data	E640	2536
OUSERID	CHAR	CMF			8	MAX	Originating user ID	E640	2528
PC24RHWM	BINARY	CMF	DFHMTDS	TMRPCRBH	4	AVG	Maximum read-only program storage on RDSA		544
PC24SHWM	BINARY	CMF	DFHMTDS	TMRPCSBH	4	AVG	Maximum shared program storage in SDSA		552
PC31SHWM	BINARY	CMF	DFHMTDS	TMRPCSAH	4	AVG	Maximum shared program storage in ESDSA		548
PCDPLCT	BINARY	CMF	DFHMTDS	TMRPCDPL	4	AVG	Distributed program link (DPL) request count		1504
PCLINKCNT	BINARY	CMF	DFHMTDS	TMRPCLIC	4	AVG	Number of program LINK requests		344
PCLOADCNT	BINARY	CMF	DFHMTDS	TMRPCLOC	4	AVG	Number of program LOAD requests		352
PCLOADTM	SCLOCK12	CMF	DFHMTDS	TMRPCLT	12	MAX	Program load time		500
PCLURMCT	BINARY	CMF	DFHMTDS	TMRPCLUC	4	AVG	Number of user replaceable module link requests		904
PCXCTLCNT	BINARY	CMF	DFHMTDS	TMRPCXC	4	AVG	Number of program transfer control (XCTL) requests		348
PERFRECCNT	BINARY	CMF	DFHMTDS	TMRTECNM	4	AVG	Number of performance records		724
PGCSTHWM	BINARY	CMF	DFHMTDS	TMROAPID	8	MAX	Maximum container storage allocated to task	E640	2496

Table 563. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
PHAPPLID	CHAR	CMF			8	MAX	Previous hop applid	E640 E650 E660	3228
PHCOUNT	BINARY	CMF			4	MAX	Previous hop count	E640 E650 E660	3256
PHNTWKID	CHAR	CMF			8	MAX	Previous hop network qualifier	E640 E650 E660	3220
PHSTART	TIMESTP	CMF			8	MAX	Previous hop task start time	E640 E650 E660	3240
PHTRAN	CHAR	CMF			4	MAX	Previous hop transaction ID	E640 E650 E660	3252
PHTRANNO	DECIMAL	CMF			4	MAX	Previous hop task ID	E640 E650 E660	3248
PRCSID	HEX	CMF	DFHMNTDS	TMRPTYPE	52	MIN	BTS process ID		968
PRCSNAME	CHAR	CMF			36	DIFF	BTS process name		932
PRCSTYPE	CHAR	CMF			8	DIFF	BTS process type		1020
PRIORITY	BINARY	CMF	DFHMNTDS	TMRTYPE	4	AVG	Task priority		116
PSTG24HWM	BINARY	CMF	DFHMNTDS	TMRPCUSB	4	AVG	Maximum program storage below 16MB		240
PSTG31HWM	BINARY	CMF	DFHMNTDS	TMRPC31A	4	AVG	Maximum program storage above 16MB		244
PSTGHWM	BINARY	CMF	DFHMNTDS	TMRPCUSE	4	AVG	Maximum program storage across all DSAs		236
PTCOUNT	BINARY	CMF			4	MAX	Previous transaction count	E640 E650 E660 E670 E680 E690 E700	3716
PTSTART	TIMESTP	CMF			8	MAX	Previous transaction task start time	E640 E650 E660 E670 E680 E690 E700	3704
PTTRAN	CHAR	CMF			4	DIFF	Previous transaction transaction ID	E640 E650 E660 E670 E680 E690 E700	3712
PTTRANNO	DECIMAL	CMF			4	MAX	Previous transaction task ID	E640 E650 E660 E670 E680 E690 E700	3700
QRCPUT	SCLOCK12	CMF	DFHMNTDS	TMRQRCPU	12	MAX	CPU time used while running in QR TCB mode		1324
QRDISPT	SCLOCK12	CMF	DFHMNTDS	TMRQRDSP	12	MAX	Dispatch time while running in QR TCB mode		1312

Table 563. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
QRMODDLY	SCLOCK12	CMF	DFHMTNDS	TMRQRDLY	12	MAX	QR TCB mode delay time		1300
RECTYPE	CHAR	CMF			4	DIFF	Record type		120
RESOLVEACT	EYUDA	CPSM			4	LIKE	Recovery manager UOW resolved with indoubt action		2024
RESOLVEACT Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>								
RESPTIME	INTTSTP	CPSM			8	MAX	Task response time		2048
RLSCPUT	SCLOCK12	CMF	DFHMTNDS	TMRRLSCP	12	MAX	CPU time used by VSAM Record Level Sharing		888
RLSWAITTIME	SCLOCK12	CMF	DFHMTNDS	TMRRLSWT	12	MAX	VSAM Record Level Sharing wait time		780
RMICPSM TIME	SCLOCK12	CMF	EYURNHDD	NHDD_RMICPSM	12	MAX	CICSplex SM RMI elapsed time		2456
RMIDB2TIME	SCLOCK12	CMF	EYURNHDD	NHDD_RMIDB2	12	MAX	DB2 RMI elapsed time		2408
RMIDBCTLTIME	SCLOCK12	CMF	EYURNHDD	NHDD_RMIDBCTL	12	MAX	DBCTL RMI elapsed time		2420
RMIEEXEC DLITM	SCLOCK12	CMF	EYURNHDD	NHDD_RMIEEXEC DLI	12	MAX	DL/I RMI elapsed time		2432
RMIMQSERIEST	SCLOCK12	CMF	EYURNHDD	NHDD_RMIMQ	12	MAX	WebSphere MQ RMI elapsed time		2444
RMIOOTHERTIME	SCLOCK12	CMF	EYURNHDD	NHDD_RMIOOTHER	12	MAX	Total other RMI elapsed time		2396
RMISUSP	SCLOCK12	CMF	DFHMTNDS	TMRRMIS	12	MAX	Total RMI suspend time		688
RMITCPIPTIME	SCLOCK12	CMF	EYURNHDD	NHDD_RMITCPIP	12	MAX	TCP/IP Sockets RMI elapsed time		2468
RMITIME	SCLOCK12	CMF	DFHMTNDS	TMRRMIT	12	MAX	Total RMI elapsed time		676
RMITOTALTIME	SCLOCK12	CMF	EYURNHDD	NHDD_RMITOTAL	12	MAX	Total RMI elapsed time		2384
ROFAIL	EYUDA	CPSM			4	LIKE	Recovery manager UOW resource owner failure		2040
ROFAIL Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>								
ROMODDLY	SCLOCK12	STAT			12	AVG	RO TCB mode delay time		3284
ROPS31HWM	BINARY	CMF	DFHMTNDS	TMRPCRAH	4	AVG	Maximum read-only program storage		264
RRMSURID	HEX	CMF	DFHMTNDS	TMRURID	16	MIN	RRMS/MVS unit of recovery ID		1448
RRMSWAIT	SCLOCK12	CMF	DFHMTNDS	TMRRRSWT	12	MAX	RRMS/MVS syncpoint coordination delay time		1424
RSYSID	CHAR	CMF	DFHMTNDS	TMRRSYS	4	DIFF	Remote system ID		524
RUNTRWTT	SCLOCK12	CMF	DFHMTNDS	TMRTRWTT	12	MAX	Run synchronous transaction wait time		1168
S8CPUT	SCLOCK12	CMF	DFHMTNDS	TMRSC8CPU	12	MAX	S8 TCB mode CPU time		1384
SHAREDTSWAIT	SCLOCK12	CMF	DFHMTNDS	TMRTRSHWT	12	MAX	Shared temporary storage I/O wait time		876
SHSTGBYTEFMA	BINARY	CMF	DFHMTNDS	TMRSC31F	4	AVG	FREEMAIN byte count of shared storage above 16M		752
SHSTGBYTEFMB	BINARY	CMF	DFHMTNDS	TMRSC24F	4	AVG	FREEMAIN byte count of shared storage below 16MB		740



Table 563. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
SHSTGBYTEFMG	BINARY	CMF			4	AVG	The total number of FREEMAIN bytes of shared storage above the bar.	E640 E650 E660 E670	3388
SHSTGBYTEGMA	BINARY	CMF	DFHMNTDS	TMRSC31G	4	AVG	GETMAIN byte count of shared storage above 16MB		748
SHSTGBYTEGMB	BINARY	CMF	DFHMNTDS	TMRSC24G	4	AVG	GETMAIN byte count of shared storage below 16MB		736
SHSTGBYTEGMG	BINARY	CMF			4	AVG	GETMAIN byte count of shared storage above the bar	E640 E650 E660 E670	3384
SHSTGGMCAV	BINARY	CMF	DFHMNTDS	TMRSC31S	4	AVG	Shared storage GETMAIN request count above 16MB		744
SHSTGGMCBAR	BINARY	CMF			4	AVG	Shared storage GETMAIN request count above the bar	E640 E650 E660 E670	3380
SHSTGGMCBEL	BINARY	CMF	DFHMNTDS	TMRSC24S	4	AVG	Shared storage GETMAIN request count below 16MB		732
SHUNTED	EYUDA	CPSM			4	LIKE	Recovery manager UOW shunted		2028
SHUNTED Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>								
SMMVSSWT	SCLOCK12	CMF			12	MAX	MVS SOS wait time	E640 E650 E660 E670 E680 E690 E700 E710 E720	3812
SOBYDECT	BINARY	CMF	DFHMNTDS	TMRSOBDE	4	AVG	Number of socket bytes decrypted		1512
SOBYENCT	BINARY	CMF	DFHMNTDS	TMRSOBEN	4	AVG	Number of socket bytes encrypted		1508
SOCIPHER	HEX	CMF			4	DIFF	Cipher selected		3332
SOCONMSG	CHAR	CMF	DFHMNTDS	TMRSMWWT	4	DIFF	Indicate the task processed the first message in connection	E640 E650 E660 E670 E680 E690 E700 E710	3776
SOIOWTT	SCLOCK12	CMF	DFHMNTDS	TMRSOWT	12	MAX	Inbound TCP/IP sockets I/O wait time		1436
SOMODDLY	SCLOCK12	STAT			12	AVG	SO TCB mode delay time		3296
SRVSYWTT	SCLOCK12	CMF	DFHMNTDS	TMRPNAME	12	MAX	CFDT syncpoint wait time		920
START	DATETIME	CMF	DFHMNTDS	TMRATTT	8	MAX	Task start time		24
STOP	DATETIME	CMF	DFHMNTDS	TMRDETT	8	MAX	Task stop time		32
SUBEXECOMP	EYUDA	CPSM			4	LIKE	WLM subset of execution phase complete		2016
SUBEXECOMP Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>								

Table 563. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
SUBTYPE	CHAR	CPSM	EYURNHDD	NHDD_SUBTYPE	1	MIN	Task history subtype		2079
SUSPTIME	SCLOCK12	CMF	DFHMNTDS	TMRSTUST	12	MAX	Task suspend time		392
SYNCCOUNT	BINARY	CMF	DFHMNTDS	TMRSPPC	4	AVG	Number of syncpoint requests		364
SYNCDLY	SCLOCK12	CMF	DFHMNTDS	TMRSYDLY	12	MAX	Waiting for parent syncpoint delay time		1180
SYNCPWAITTM	SCLOCK12	CMF	DFHMNTDS	TMRSYNCT	12	MAX	Syncpoint wait time		768
SZALLCTO	BINARY	CMF	DFHMNTDS	TMRSZATO	4	AVG	Number of FEPI ALLOCATE timeouts		580
SZALLOCT	BINARY	CMF	DFHMNTDS	TMRSZACT	4	AVG	Number of FEPI ALLOCATE requests		556
SZCHRIN	BINARY	CMF	DFHMNTDS	TMRSZCIN	4	AVG	Number of FEPI characters received		576
SZCHROUT	BINARY	CMF	DFHMNTDS	TMRSZCOT	4	AVG	Number of FEPI characters sent		572
SZRCVCT	BINARY	CMF	DFHMNTDS	TMRSZRCT	4	AVG	Number of FEPI RECEIVE requests		560
SZRCVTO	BINARY	CMF	DFHMNTDS	TMRSZRTO	4	AVG	Number of FEPI RECEIVE timeouts		584
SZSENDCT	BINARY	CMF	DFHMNTDS	TMRSZSCT	4	AVG	Number of FEPI SEND requests		564
SZSTRCT	BINARY	CMF	DFHMNTDS	TMRSZTCT	4	AVG	Number of FEPI START requests		568
SZTOTCT	BINARY	CMF	DFHMNTDS	TMRSZTOT	4	AVG	Total number of FEPI requests		588
SZWAIT	SCLOCK12	CMF	DFHMNTDS	TMRSZWT	12	MAX	FEPI suspend time		592
TASK	DECIMAL	CMF	DFHMNTDS	TMRTRSN	4	MAX	Task ID		1544
TASKDATAKEY	EYUDA	CMF			4	LIKE	Data storage key		516
TASKDATAKEY Output valid values	<ul style="list-style-type: none"> <li>• CICS</li> <li>• USER</li> </ul>								
TASKDATALOC	EYUDA	CMF			4	LIKE	Data location above/below 16MB		520
TASKDATALOC Output valid values	<ul style="list-style-type: none"> <li>• BELOW</li> <li>• ANY</li> </ul>								
TASKFLAG	BINARY	CMF	DFHMNTDS	TMRERROR	4	AVG	Transaction error flags		124
TCALWTT	SCLOCK12	STAT			12	AVG	Delay time waiting for session allocation		3308
TCBATTCT	BINARY	CMF	DFHMNTDS	TMRTCBAC	4	AVG	Number of CICS dispatcher TCB attaches		1408
TCC62IN2	BINARY	CMF	DFHMNTDS	TMR62ICH	4	AVG	Number of secondary LU62 TC characters received		532
TCC62OU2	BINARY	CMF	DFHMNTDS	TMR62OCH	4	AVG	Number of secondary LU62 TC characters sent		540
TCIOTIME	SCLOCK12	CMF	DFHMNTDS	TMRTCWT	12	MAX	Terminal control I/O wait time		428
TCLDELAY	SCLOCK12	CMF	DFHMNTDS	TMRFDCTL	12	MAX	First dispatch delay time caused by TCL		616
TCM62IN2	BINARY	CMF	DFHMNTDS	TMR62IMC	4	AVG	Number of secondary LU62 TC messages received		528

Table 563. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
TCM62OU2	BINARY	CMF	DFHMTDS	TMR62OMC	4	AVG	Number of secondary LU62 TC messages sent		536
TDCOUNT	BINARY	CMF	DFHMTDS	TMRTDTC	4	AVG	Total number of transient data requests		308
TDELWTT	SCLOCK12	STAT			12	AVG	TD extrapartition lock wait time		3272
TDGETCNT	BINARY	CMF	DFHMTDS	TMRTDGC	4	AVG	Number of transient data GET requests		296
TDILWTT	SCLOCK12	STAT			12	AVG	TD intrapartition lock wait time		3260
TDIOTIME	SCLOCK12	CMF	DFHMTDS	TMRTDWT	12	MAX	Transient data I/O wait time		488
TDPURCNT	BINARY	CMF	DFHMTDS	TMRTDRC	4	AVG	Number of transient data PURGE requests		304
TDPUTCNT	BINARY	CMF	DFHMTDS	TMRTDPC	4	AVG	Number of transient data PUT requests		300
TERMCONNAME	CHAR	CMF			4	DIFF	Terminal connection name		728
TERMID	CHAR	CMF	DFHMTDS	TMRTDID	4	DIFF	Actual terminal ID or session ID		1516
TERMINALINFO	HEX	CMF	DFHMTDS	TMRTDINF	4	MIN	Terminal information		764
TMRATMSN	CHAR	CMF			8	DIFF	Atom service name	E640 E650	2804
TMRBFDGC	BINARY	CMF			4	MAX	Number of BIF DIGEST requests	E640 E650	2860
TMRBFTC	BINARY	CMF			4	MAX	Total number BIF Requests	E640 E650	2864
TMRCBRNM	CHAR	CMF			4	LIKE	CorbaServer name	E680 +	2080
TMRCFACT	BINARY	CMF	DFHMTDS	TMRCFACT	4	AVG	Number of OO class library API requests		1724
TMRCIPOR	BINARY	CMF	DFHMTDS	TMRTSCNM	4	MAX	Client IP Port	E640	2688
TMRCMDLY	SCLOCK12	CMF	DFHMTDS	TMRCMDLY	12	AVG	CICS TCB Change Mode delay time		2296
TMRDHDLC	BINARY	CMF	DFHMTDS	TMRDHDLC	4	AVG	Number of Document Delete requests	E640	2480
TMRDSCWT	SCLOCK12	CMF	DFHMTDS	TMRDSCWT	12	MAX	Dispatcher MVS storage constraint wait time		2156
TMRDSMWT	SCLOCK12	CMF	DFHMTDS	TMRDSMWT	12	MAX	Dispatcher TCB mismatch wait time		2144
TMRDSTHW	BINARY	CMF	DFHMTDS	TMREJBTC	4	AVG	Peak number of CICS dispatcher TCBs		2084
TMRECEVC	BINARY	CMF			4	MAX	Number of events captured	E640 E650	2784
TMRECFOC	BINARY	CMF			4	MAX	Number of event filter commands	E640 E650	2780
TMRECSEC	BINARY	CMF			4	MAX	Number of synchronous emission events captured	E640 E650 E660	2960
TMRECSGE	BINARY	CMF			4	MAX	Number of SIGNAL EVENT requests	E640 E650	2776
TMREICTC	BINARY	CMF			4	MAX	Total number of EXEC CICS requests	E640 E650	2772

Table 563. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
TMREJBAC	BINARY	CMF			4	AVG	Number of bean state activation requests	E680 +	2088
TMREJBCC	BINARY	CMF			4	AVG	Number of bean creation requests	E680 +	2096
TMREJBPC	BINARY	CMF			4	AVG	Number of bean state passivation requests	E680 +	2092
TMREJBRC	BINARY	CMF			4	AVG	Number of bean removal requests	E680 +	2100
TMREJBTC	BINARY	CMF			4	AVG	Total number of Enterprise bean requests	E680 +	2168
TMREJMCT	BINARY	CMF			4	AVG	Number of Enterprise bean method calls	E680 +	2104
TMRHTDLY	SCLOCK12	CMF			12	AVG	Maximum hot-pooling TCB delay time	E640 +	1864
TMRICSCC	BINARY	CMF	DFHMTDS	TMRICSCC	4	AVG	Total local interval control starts with channel		2332
TMRICSCD	BINARY	CMF	DFHMTDS	TMRICSCD	4	AVG	Data length of all local IC starts with channel		2336
TMRICSRC	BINARY	CMF	DFHMTDS	TMRICSRC	4	AVG	Total remote interval control starts with channel		2340
TMRICSRD	BINARY	CMF	DFHMTDS	TMRICSRD	4	AVG	Data length of all remote IC starts with channel		2344
TMRISACT	BINARY	CMF	DFHMTDS	TMRISACT	4	MAX	Number of IPCONN allocate requests	E640	2700
TMRISCNM	CHAR	CMF			8	MAX	IPCONN Name	E640	2692
TMRISWT	SCLOCK12	CMF	DFHMTDS	TMRMPPTX	12	MAX	IPCONN I/O wait time	E640	2704
TMRJ9CPU	SCLOCK12	CMF			12	MAX	J9 TCB mode CPU time	E680 +	2132
TMRJSTWT	SCLOCK12	CMF			12	MAX	JVM server thread wait time	E640 E650	2716
TMRJTDLY	SCLOCK12	CMF			12	AVG	Maximum JVM TCB delay time	E680 +	1852
TMRJVMIT	SCLOCK12	CMF	DFHMTDS	TMRJVMIT	12	AVG	JVM elapsed time - initializing		1924
TMRJVMRT	SCLOCK12	CMF	DFHMTDS	TMRJVMRT	12	AVG	JVM elapsed time - resetting		1936
TMRKY8CP	SCLOCK12	CMF	DFHMTDS	TMRJTDLY	12	AVG	User task key 8 mode CPU time		1840
TMRKY8DS	SCLOCK12	CMF	DFHMTDS	TMRKY8DS	12	AVG	User task key 8 mode dispatch time		1828
TMRKY9CP	SCLOCK12	STAT	DFHMTDS	TMRJ9CPU	12	AVG	User task key 9 mode CPU time		2120
TMRKY9DS	SCLOCK12	STAT	DFHMTDS	TMRKY9DS	12	AVG	User task key 9 mode dispatch time		2108
TML9CPU	SCLOCK12	CMF	DFHMTDS	TML9CPU	12	MAX	User task L9 mode CPU time		2348
TMRMLCTM	SCLOCK12	CMF			12	MAX	XML System Services CPU time	E640 E650	2872
TMRMLTDL	BINARY	CMF			4	MAX	Total document length	E640 E650	2868
TMRMLXTC	BINARY	CMF			4	MAX	Number of EXEC CICS XML TRANSFORM requests	E640 E650	2728

Table 563. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
TMRMQAST	SCLOCK12	CMF			12	MAX	WebSphere MQ API SRB time	E640 E650	2948
TMRMQGWT	SCLOCK12	CMF	DFHMNTDS	TMRMQGWT	12	MAX	WebSphere MQ Getwait wait time	E640	2676
TMRNETID	CHAR	CMF	DFHMNTDS	TMRNETID	8	DIFF	Network ID		1576
TMRNETSX	HEX	CMF	EYURNHDD	NHDD_RMITCPIP	8	DIFF	LU6.2 network-wide UOW instance and sequence number		1960
TMRNJAPN	CHAR	CMF			32	DIFF	Node.js Application name	E640 E650 E660 E670 E680 E690 E700 E710	3780
TMROIDWT	SCLOCK12	CMF	DFHMNTDS	TMROIDWT	12	AVG	OTS indoubt wait time		1912
TMROTSID	CHAR	CMF	DFHMNTDS	TMROTSID	12 8	DIFF	OTS transaction ID		1596
TMRPCDCC	BINARY	CMF	DFHMNTDS	TMRPCDCC	4	AVG	Number of DPL program link requests with channel		2188
TMRPCDLL	BINARY	CMF	DFHMNTDS	TMRPCDLL	4	AVG	Data length of all DPL program links with channel		2172
TMRPCDRL	BINARY	CMF	DFHMNTDS	TMRPCDRL	4	AVG	Total data length of all DPL returns with channel		2176
TMRPCLCC	BINARY	CMF	DFHMNTDS	TMRPCLCC	4	AVG	Number of program link requests with channel		2180
TMRPCRCC	BINARY	CMF	DFHMNTDS	TMRPCRCC	4	AVG	Number of program return requests with channel		2192
TMRPCRCL	BINARY	CMF	DFHMNTDS	TMRPCRCL	4	AVG	Data length of all program returns with channel		2196
TMRPCXCC	BINARY	CMF	DFHMNTDS	TMRPCXCC	4	AVG	Number of program XCTL requests with channel		2184
TMRPGBCC	BINARY	CMF	DFHMNTDS	TMRPGBCC	4	AVG	Number of browse container channel requests		2204
TMRPGCCC	BINARY	CMF	DFHMNTDS	TMRPGCCC	4	AVG	Number of containers created for channel containers		2368
TMRPGCTC	BINARY	CMF	DFHMNTDS	TMRPGCTC	4	AVG	Total number of channel data container requests		2200
TMRPGGCC	BINARY	CMF	DFHMNTDS	TMRPGGCC	4	AVG	Number of get container channel requests		2208
TMRPGGCL	BINARY	CMF	DFHMNTDS	TMRPGGCL	8	AVG	Data length of all get container channel requests		2220
TMRPGMCC	BINARY	CMF	DFHMNTDS	TMRPGMCC	4	AVG	Number of move container channel requests		2216
TMRPGPCC	BINARY	CMF	DFHMNTDS	TMRPGPCC	4	AVG	Number of put container channel requests		2212
TMRPGPCL	BINARY	CMF	DFHMNTDS	TMRPGPCL	8	AVG	Data length of all put container channel requests		2228
TMRPIPLN	CHAR	CMF			8	DIFF	Pipeline name	E640 E650	2796
TMRPORTN	BINARY	CMF	DFHMNTDS	TMRPORTN	4	AVG	TCP/IP service port number		1592
TMRPTPWT	SCLOCK12	CMF	DFHMNTDS	TMRPTPWT	12	AVG	Partner wait time		1948

Table 563. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
TMRRLUNM	CHAR	CMF	DFHMTDS	TMRRLUNM	8	DIFF	Real LU name		1584
TMRROCPU	SCLOCK12	CMF	DFHMTDS	TMRROCPU	12	AVG	User task read-only mode CPU time		1816
TMRRODSP	SCLOCK12	CMF	DFHMTDS	TMRRODSP	12	AVG	User task read-only mode dispatch time		1804
TMRRQPWT	SCLOCK12	CMF	DFHMTDS	TMRRQPWT	12	AVG	Request processor wait time		1900
TMRRQRWT	SCLOCK12	CMF	DFHMTDS	TMRRQRWT	12	AVG	Request receiver wait time		1888
TMRSOCIN	BINARY	CMF	DFHMTDS	TMRSOCIN	4	AVG	Number of characters received		1772
TMRSOCNS	BINARY	CMF	DFHMTDS	TMRSOCNS	4	AVG	Number of CREATE non-persistent socket requests		1752
TMRSOCOT	BINARY	CMF	DFHMTDS	TMRSOCOT	4	AVG	Number of characters sent		1780
TMRSOCPS	BINARY	CMF	DFHMTDS	TMRSOCPS	4	AVG	Number of CREATE persistent socket requests		1756
TMRSOERC	BINARY	CMF	DFHMTDS	TMRSOERC	4	AVG	EXTRACT TCP/IP and EXTRACT CERTIFICATE request count		1748
TMRSOI1C	BINARY	CMF	DFHMTDS	TMRSOI1C	4	AVG	Number of inbound socket characters received		1792
TMRSOIMC	BINARY	CMF	DFHMTDS	TMRSOIMC	4	AVG	Number of inbound socket receive requests		1788
TMRSONHW	BINARY	CMF	DFHMTDS	TMRSONHW	4	AVG	Peak number of non-persistent sockets		1760
TMRSOO1C	BINARY	CMF	DFHMTDS	TMRSOO1C	4	AVG	Number of inbound socket characters sent		1800
TMRSOOMC	BINARY	CMF	DFHMTDS	TMRSOOMC	4	AVG	Number of inbound socket send requests		1796
TMRSOOWT	SCLOCK12	CMF	DFHMTDS	TMRSOOWT	12	AVG	Outbound TCP/IP sockets I/O wait time		1876
TMR SOPHW	BINARY	CMF	DFHMTDS	TMR SOPHW	4	AVG	Peak number of persistent sockets		1764
TMRSORCT	BINARY	CMF	DFHMTDS	TMRSORCT	4	AVG	Number of socket receive requests		1768
TMR SOSCT	BINARY	CMF	DFHMTDS	TMR SOSCT	4	AVG	Number of socket send requests		1776
TMR SOTC	BINARY	CMF	DFHMTDS	TMR SOTC	4	AVG	Total number of socket requests		1784
TMRSTDLY	SCLOCK12	CMF	DFHMTDS	TMRSTDLY	12	AVG	Maximum CICS SSL TCB delay time		2272
TMRT8CPU	SCLOCK12	CMF			12	MAX	User task T8 mode cpu time	E640 E650	2748
TMRTCPV	CHAR	CMF	DFHMTDS	TMRCBRNM	8	DIFF	TCP/IP Service name		1968
TMRTGPID	HEX	CMF	DFHMTDS	TMRTGPID	28	DIFF	Transaction group ID		1548
TMRTIATC	BINARY	CMF			4	MAX	Number of EXEC CICS ASKTIME requests	E640 E650	2852
TMRTITC	BINARY	CMF			4	MAX	Total number of EXEC xxxTIME Requests	E640 E650	2856
TMRTDLY	SCLOCK12	CMF			12	MAX	Maximum thread TCB delay time	E640 E650	2760
TMRURIMN	CHAR	CMF			8	DIFF	URI map name	E640 E650	2788

Table 563. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Description	Get Invalid	Offset
TMRWBBOC	BINARY	CMF	DFHMNTDS	TMRWBBOC	4	AVG	Number of web browse requests		2268
TMRWBBRC	BINARY	CMF	DFHMNTDS	TMRWBBRC	4	AVG	Number of WEB BROWSE requests		1736
TMRWBERC	BINARY	CMF	DFHMNTDS	TMRWBERC	4	AVG	Number of WEB EXTRACT requests		1732
TMRWBI1C	BINARY	CMF	DFHMNTDS	TMRWBI1C	4	AVG	Number of bytes received by web requests		2252
TMRWBIRC	BINARY	CMF	DFHMNTDS	TMRWBIRC	4	AVG	Number of web receive requests		2248
TMRWBIWC	BINARY	CMF	DFHMNTDS	TMRWBIWC	4	AVG	Number of invoke web service requests		2236
TMRWBO1C	BINARY	CMF	DFHMNTDS	TMRWBO1C	4	AVG	Number of bytes sent by web send requests		2260
TMRWBOSC	BINARY	CMF	DFHMNTDS	TMRWBOSC	4	AVG	Number of web send requests		2256
TMRWBPRC	BINARY	CMF	DFHMNTDS	TMRWBPRC	4	AVG	Number of web parse requests		2264
TMRWBRDL	BINARY	CMF	DFHMNTDS	TMRWBRDL	4	AVG	Data length of data read from the repository		2360
TMRWBROC	BINARY	CMF	DFHMNTDS	TMRWBROC	4	AVG	Number of web read requests		2240
TMRWBRPR	BINARY	CMF	DFHMNTDS	TMRWBRPR	4	AVG	Number of repository reads		1728
TMRWBRRC	BINARY	CMF	DFHMNTDS	TMRWBRRC	4	AVG	Number of WEB READ requests		1740
TMRWBWDL	BINARY	CMF	DFHMNTDS	TMRWBWDL	4	AVG	Data length of data written to the repository		2364
TMRWBWOC	BINARY	CMF	DFHMNTDS	TMRWBWOC	4	AVG	Number of web write requests		2244
TMRWBWRC	BINARY	CMF	DFHMNTDS	TMRWBWRC	4	AVG	Number of WEB WRITE requests		1744
TMRWMQRC	BINARY	CMF	DFHMNTDS	TMRWMQRC	4	MAX	Total number WebSphere MQ requests	E640	2672
TMRWPBMN	CHAR	CMF			8	DIFF	Program name	E640 E650	2844
TMRWSATC	BINARY	CMF			4	MAX	Total number of WS Addressing requests	E640 E650	2744
TMRWSCBC	BINARY	CMF			4	MAX	Number of WSACONTEXT BUILD requests	E640 E650	2732
TMRWSCGC	BINARY	CMF			4	MAX	Number of WSACONTEXT GET requests	E640 E650	2736
TMRWSEPC	BINARY	CMF			4	MAX	Number of WSAEPR CREATE requests	E640 E650	2740
TMRWSOPN	CHAR	CMF			64	DIFF	Web Services operation name	E640 E650	2884
TMRWSVCN	CHAR	CMF			32	DIFF	Webservice name	E640 E650	2812
TMRX8CPU	SCLOCK12	CMF	DFHMNTDS	TMRX8CPU	12	AVG	User task X8 mode CPU time		2308
TMRX9CPU	SCLOCK12	CMF	DFHMNTDS	TMRX9CPU	12	AVG	User task X9 mode CPU time		2320
TMRXTDLY	SCLOCK12	CMF	DFHMNTDS	TMRXTDLY	12	AVG	Maximum CICS XPLink TCB delay time		2284

Table 563. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
TRANCLASS	CHAR	CMF	DFHMNTDS	TMRPGNM	8	DIFF	Transaction class		56
TRANFLAGS	HEX	CMF	DFHMNTDS	TMRTFLG	8	MIN	Transaction flags		716
TRANID	CHAR	CMF	DFHMNTDS	TMRTRID	4	DIFF	Transaction ID		80
TRANATYPE	CHAR	CMF	DFHMNTDS	TMRTRTY	4	DIFF	Transaction type		84
TSCOUNT	BINARY	CMF	DFHMNTDS	TMRTSTC	4	AVG	Total number of TS requests		324
TSGETCNT	BINARY	CMF	DFHMNTDS	TMRTSGC	4	AVG	Number of temporary storage GET requests		312
TSGETSCNT	BINARY	CMF	DFHMNTDS	TMRTSGSC	4	AVG	Number of TS GET requests to shared storage	E640 E650 E660 E670 E680 E690	3668
TSIOTIME	SCLOCK12	CMF	DFHMNTDS	TMRTSWT	12	MAX	TS I/O wait time		464
TSPUTACNT	BINARY	CMF	DFHMNTDS	TMRTSPAC	4	AVG	Number of TS PUT requests to auxiliary storage		316
TSPUTMCNT	BINARY	CMF	DFHMNTDS	TMRTSPMC	4	AVG	Number of TS PUT requests to main storage		320
TSPUTSCNT	BINARY	CMF	DFHMNTDS	TMRTSPSC	4	AVG	Number of TS PUT requests to shared storage	E640 E650 E660 E670 E680 E690	3672
UNSHUNTED	EYUDA	CPSM			4	LIKE	Recovery manager UOW unshunted		2032
UNSHUNTED Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>								
UOWID	HEX	CMF	DFHMNTDS	TMRRMUOW	8	MIN	Local unit of work (UOW) ID		40
UOWINSTSEQ	HEX	CMF	DFHMNTDS	TMRNETSX	8	MIN	LU6.2 network-wide UOW instance and sequence number		792
USERID	CHAR	CMF	DFHMNTDS	TMRUSID	8	DIFF	User ID		48
USRPS24HWM	BINARY	CMF	DFHMNTDS	TMRPCUSB	4	AVG	Maximum program storage in UDSA		252
USRPS31HWM	BINARY	CMF	DFHMNTDS	TMRPC31A	4	AVG	Maximum program storage in EUDSA		248
USTG24CNT	BINARY	CMF	DFHMNTDS	TMRSCUGB	4	AVG	Number of user storage GETMAIN requests below 16MB		172
USTG24HWM	BINARY	CMF	DFHMNTDS	TMRUSHWB	4	AVG	Peak number of bytes used by task in UDSA		188
USTG24OCC	BINARY	CMF	DFHMNTDS	TMRUTSOB	8	AVG	Average storage usage below 16MB		204
USTG31CNT	BINARY	CMF	DFHMNTDS	TMRSCUGA	4	AVG	Number of user storage GETMAIN requests above 16MB		176
USTG31HWM	BINARY	CMF	DFHMNTDS	TMRUSHWA	4	AVG	Peak number of bytes used by task in EUDSA		192
USTG31OCC	BINARY	CMF	DFHMNTDS	TMRUTSOA	8	AVG	Average storage usage above 16MB		212
WAITTIME	SCLOCK12	CMF	DFHMNTDS	TMRDWT	12	MAX	Dispatch wait time		404



Table 563. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
WBCHRIN	BINARY	CMF	DFHMNTDS	TMRWBCIN	4	AVG	Number of Web characters received		1196
WBCHROUT	BINARY	CMF	DFHMNTDS	TMRWBCOT	4	AVG	Number of Web characters sent		1204
WBISSFCT	BINARY	CMF	DFHMNTDS	TMRWSSFC	4	MAX	INVOKE SOAP service faults	E640 E650	3656
WBJSNRPL	BINARY	CMF	DFHMNTDS	TMRJSRPL	4	AVG	JSON response body length	E640 E650 E660 E670 E680 E690	3684
WBJSNRQL	BINARY	CMF	DFHMNTDS	TMRJSRQL	4	AVG	JSON request body length	E640 E650 E660 E670 E680 E690	3680
WBRCVCT	BINARY	CMF	DFHMNTDS	TMRWBRCT	4	AVG	Number of WEB RECEIVE requests		1192
WBREPWCT	BINARY	CMF	DFHMNTDS	TMRWBRPW	4	AVG	Number of Web repository writes		1212
WBSENDCT	BINARY	CMF	DFHMNTDS	TMRWBSCT	4	AVG	Number of WEB SEND requests		1200
WBSFCRCT	BINARY	CMF	DFHMNTDS	TMRWSFCC	4	MAX	SOAPFAULT CREATE requests	E640 E650	3648
WBSFTOCT	BINARY	CMF	DFHMNTDS	TMRWSFTC	4	MAX	Total SOAPFAULT CREATE requests	E640 E650	3652
WBSREQBL	BINARY	CMF	DFHMNTDS	TMRWSQBL	4	MAX	SOAP request body length	E640 E650	3660
WBSRSPBL	BINARY	CMF	DFHMNTDS	TMRWSRBL	4	MAX	SOAP response body length	E640 E650	3664
WBTOTCT	BINARY	CMF	DFHMNTDS	TMRWBTC	4	AVG	Total number of Web requests		1208
WLMRPTRCNAME	CHAR	CMF	DFHMNTDS	TMRPTCL	8	DIFF	Workload manager report class name		708
WLMSRVNAME	CHAR	CMF	DFHMNTDS	TMRSRVCL	8	DIFF	Workload manager service class name		700



## Chapter 249. INDTDQ Resource Table

A CICS Resource that describes an indirect transient data queue in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is TDQUEUE.

The following action is supported:

### DISCARD

Discard the destination.

The DISCARD action requires no unique parameter data.

### External resource name(CMCI)

CICSIndirectTDQueue

### Object type

CICS Resource

### Length

96

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0028

### Security Class

OPERATE.TDQUEUE

### CICS Commands subject to CICS Security

INQUIRE TDQUEUE

Table 564. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 565. INDTDQ resource table attributes										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved			12
TDQUEUE-1	CHAR	INQ	TDQUEUE	TDQUEUE	4	DIFF	Queue ID			16

Table 565. INDDQ resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Invalid	Offset
BASDEFINER	BINARY	CPSM			1	AVG	BAS resource definition version	0	E640 E650	92
CHANGEAGENT	CVDAS	INQ	TDQUEUE	CHANGEAGENT	4	LIKE	Last modification agent		E640 E650	32
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• SYSTEM</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>									
CHANGEAGREL	CHAR	INQ	TDQUEUE	CHANGEAGREL	4	DIFF	Last modification agent release		E640 E650	44
CHANGETIME	DATETIME	INQ	TDQUEUE	CHANGETIME	8	MAX	Last modification time		E640 E650	48
CHANGEUSRID	CHAR	INQ	TDQUEUE	CHANGEUSRID	8	DIFF	Last modification user ID		E640 E650	36
DEFINESOURCE	CHAR	INQ	TDQUEUE	DEFINESOURCE	8	DIFF	Source of the resource definition		E640 E650	56
DEFINETIME	DATETIME	INQ	TDQUEUE	DEFINETIME	8	MAX	Creation time		E640 E650	64
INDIRECTNAME	CHAR	INQ	TDQUEUE	INDIRECTNAME	4	DIFF	Indirect name			20
INDIRECTTYPE	CVDAS	INQ			4	LIKE	Indirect destination type			24
INDIRECTTYPE Output valid values	<ul style="list-style-type: none"> <li>• INTRA</li> <li>• EXTRA</li> <li>• INDIRECT</li> <li>• REMOTE</li> </ul>									
INSTALLAGENT	CVDAS	INQ	TDQUEUE	INSTALLAGENT	4	LIKE	Installation agent		E640 E650	88
INSTALLAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• GRPLIST</li> <li>• SYSTEM</li> </ul>									
INSTALLTIME	DATETIME	INQ	TDQUEUE	INSTALLTIME	8	MAX	Installation time		E640 E650	80
INSTALLUSRID	CHAR	INQ	TDQUEUE	INSTALLUSRID	8	DIFF	Installation user ID		E640 E650	72
OUTCNT	BINARY	STAT			4	AVG	Number of I/O requests			28

# Chapter 250. INTRATDQ Resource Table

A CICS Resource that describes an intrapartition transient data queue in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is TDQUEUE.

The following actions are supported:

**DISABLE**

Disable the destination.

**DISCARD**

Discard a disabled destination.

**ENABLE**

Enable the destination.

These actions require no unique parameter data.

**External resource name(CMCI)**

CICSIntrapartitionTDQueue

**Object type**

CICS Resource

**Length**

136

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0027

**Security Class**

OPERATE.TDQUEUE

**CICS Commands subject to CICS Security**

INQUIRE TDQUEUE

Table 566. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	DISABLE	None	N/A
	ENABLE	None	N/A

Table 567. INTRATDQ resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
TDQUEUE-1	CHAR	INQ	TDQUEUE	TDQUEUE	4	DIF F	No	Queue ID			16
ATIFACILITY	CVDAS	INQ	TDQUEUE	ATIFACILITY	4	LIKE	Yes	ATI facility type			20
ATIFACILITY Input/output valid values	<ul style="list-style-type: none"> <li>• TERMINAL</li> <li>• NOTERMINAL</li> </ul>										
ATIFACILITY Output valid values	<ul style="list-style-type: none"> <li>• NOTAPPLIC</li> </ul>										
ATITERMID	CHAR	INQ	TDQUEUE	ATITERMID	4	DIF F	Yes	ATI terminal ID			24
ATITRANID	CHAR	INQ	TDQUEUE	ATITRANID	4	DIF F	Yes	ATI transaction ID			28
ATIUSERID	CHAR	INQ	TDQUEUE	ATIUSERID	8	DIF F	Yes	ATI User ID			52
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	128
CHANGEAGENT	CVDAS	INQ	TDQUEUE	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650	68
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• SYSTEM</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>										
CHANGEAGREL	CHAR	INQ	TDQUEUE	CHANGEAGREL	4	DIF F	No	Last modification agent release		E640 E650	80
CHANGETIME	DATETIME	INQ	TDQUEUE	CHANGETIME	8	MAX	No	Last modification time		E640 E650	88
CHANGEUSRID	CHAR	INQ	TDQUEUE	CHANGEUSRID	8	DIF F	No	Last modification user ID		E640 E650	72
DEFINESOURCE	CHAR	INQ	TDQUEUE	DEFINESOURCE	8	DIF F	No	Source of the resource definition		E640 E650	96
DEFINETIME	DATETIME	INQ	TDQUEUE	DEFINETIME	8	MAX	No	Creation time		E640 E650	104
INDOUBT	CVDAS	INQ	TDQUEUE	INDOUBT	4	LIKE	No	In-doubt wait action			60
INDOUBT Output valid values	<ul style="list-style-type: none"> <li>• QUEUE</li> <li>• REJECT</li> <li>• NOTAPPLIC</li> </ul>										
INDOUBTWAIT	CVDAS	INQ	TDQUEUE	INDOUBTWAIT	4	LIKE	No	In-doubt wait option			64
INDOUBTWAIT Output valid values	<ul style="list-style-type: none"> <li>• WAIT</li> <li>• NOWAIT</li> <li>• NOTAPPLIC</li> </ul>										

Table 567. INTRATDQ resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
INSTALLAGENT	CVDAS	INQ	TDQUEUE	INSTALLAGENT	4	LIKE	No	Installation agent		E640 E650	84
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• GRPLIST</li> <li>• SYSTEM</li> </ul>										
INSTALLTIME	DATETIME	INQ	TDQUEUE	INSTALLTIME	8	MAX	No	Installation time		E640 E650	120
INSTALLUSRID	CHAR	INQ	TDQUEUE	INSTALLUSRID	8	DIFF	No	Installation user ID		E640 E650	112
NUMITEMS	BINARY	INQ	TDQUEUE	NUMITEMS	4	AVG	No	Number of items			36
OUTCNT	BINARY	STAT			4	AVG	No	Number of I/O requests			48
RECOVSTATUS	CVDAS	INQ	TDQUEUE	RECOVSTATUS	4	LIKE	No	Recovery status			40
RECOVSTATUS Output valid values	<ul style="list-style-type: none"> <li>• PHYSICAL</li> <li>• LOGICAL</li> <li>• NOTRECOVABLE</li> <li>• NOTAPPLIC</li> </ul>										
STATUS	CVDAS	INQ	TDQUEUE	ENABLESTATUS	4	LIKE	Yes	Enabled status			32
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>										
STATUS Output valid values	<ul style="list-style-type: none"> <li>• NOTAPPLIC</li> </ul>										
TRIGGERLEVEL	BINARY	INQ			4	AVG	Yes	Trigger level			44





# Chapter 251. IPCINGRP Resource Table

The IPCINGRP views display information about the membership of an IPIC connection definition (IPCONDEF) in a resource group (RESGROUP).

The **Primary** key field for this resource class is IPCGROUP.

The **Secondary** key field for this resource class is IPCNAME.

The **Tertiary** key field for this resource class is IPCVER.

The following actions are supported:

**Get**

View an association between an IPIC connection definition and a resource group.

**Create**

Create an association between an IPIC connection definition and a resource group.

**Remove**

Remove an association between an IPIC connection definition and a resource group from the data repository.

**Object type**

CICSplex SM Definition

**Length**

56

**Usage**

API, Batch Utility, WUI

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt6181

**Security Class**

BAS.DEF

Table 568. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 569. IPCINGRP FEEDBACK error codes		
Value	Code	Description
1	IPCINGRP_INV_DATA	Attribute data invalid

Table 569. IPCINGRP FEEDBACK error codes (continued)

Value	Code	Description
2	IPCINGRP_REC_NOT_FOUND	Requested resource not found
4	IPCINGRP_REC_EXISTS	Resource already exists
6	IPCINGRP_INV_RESTYPE	Invalid resource type
7	IPCINGRP_INV_VER	Invalid resource version
11	IPCINGRP_NON_MP	Maintenance point CMAS not available
12	IPCINGRP_INV_CONTEXT	Context not found
21	IPCINGRP_INCONSISTENT_SET	Inconsistent set
22	IPCINGRP_DIFF_VERSION	Different version
23	IPCINGRP_INV_NAME	Invalid name
24	IPCINGRP_INV_MINNAME	Invalid minor name

Table 570. IPCINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
IPCGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
IPCNAME-2	CHAR	CPSM	8	Yes	DIFF	Connection definition name	44
IPCVER-3	BINARY	CPSM	1	Yes	AVG	Connection definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 252. IPCONDEF Resource Table

A CICS Definition that describes an IPIC connection between CICS and a remote system.

The **Primary** key field for this resource class is NAME. Note that a connection name can be only 4 characters long. The remainder of the 8-character NAME field should be padded with blank spaces.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a Connection Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionIPICConnection

**Object type**

CICS Definition

**Length**

448

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3836

**CICS Commands subject to CICS Security**

INQUIRE IPCONN

Table 571. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No

Table 571. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 572. IPCONDEF FEEDBACK error codes

Value	Code	Description
1	IPCONDEF_INV_DATA	Attribute data invalid
2	IPCONDEF_REC_NOT_FOUND	Requested resource not found
4	IPCONDEF_REC_EXISTS	Resource already exists
5	IPCONDEF_REC_CHANGED	Resource definition already changed
6	IPCONDEF_INV_RESTYPE	Invalid resource type
7	IPCONDEF_INV_VER	Invalid resource version
11	IPCONDEF_NON_MP	Maintenance point CMAS not available
12	IPCONDEF_INV_CONTEXT	Context not found
13	IPCONDEF_INCONSISTENT_SET	Inconsistent set condition
14	IPCONDEF_INV_RESGROUP	Resource group not found
21	IPCONDEF_INV_ACTION	Invalid action
22	IPCONDEF_INV_RECADDR	Invalid record address
23	IPCONDEF_INV_RECLLEN	Invalid record length
24	IPCONDEF_DIFF_VERSION	Different version
25	IPCONDEF_EARLY_NAMELIST_END	Early name list end
26	IPCONDEF_INV_NAMELIST	Invalid name list
27	IPCONDEF_INV_NAME	Invalid name
28	IPCONDEF_INV_MINNAME	Invalid minor name
29	IPCONDEF_NOTIFY	Notify

Table 572. IPCONDEF FEEDBACK error codes (continued)

Value	Code	Description
30	IPCONDEF_PARTIAL_INSTALL	Partial install
31	IPCONDEF_NOTHING_INSTALLED	Nothing installed
32	IPCONDEF_NO_TARGETS	No targets
33	IPCONDEF_NO_RELATED	No related systems
34	IPCONDEF_INV_TSCOPE	Invalid target scope
35	IPCONDEF_INV_RSCOPE	Invalid related scope
36	IPCONDEF_INV_USAGE	Invalid usage
37	IPCONDEF_INV_MODE	Invalid mode
38	IPCONDEF_INV_STATECHK	Invalid state check
39	IPCONDEF_INV_FORCEINS	Invalid force install
40	IPCONDEF_INV_NOTIFY	Invalid notify
41	IPCONDEF_INV_OVERTYPE	Invalid over type
42	IPCONDEF_INV_OVRBLOCK	Invalid override block
43	IPCONDEF_INV_ORSTRING	Invalid override string
44	IPCONDEF_INV_STRNGTERM	Invalid string term
45	IPCONDEF_INV_EMBEDTERM	Invalid embedded terminator
46	IPCONDEF_INV_ATTRIBUTE	Invalid attribute
47	IPCONDEF_INV_LITERAL	Invalid literal
48	IPCONDEF_INV_ORSTGNA	Invalid override string
49	IPCONDEF_SCOPE_REQUIRED	Scope required
50	IPCONDEF_USAGE_CONFLICT	Usage conflict
51	IPCONDEF_NODEFS_SELECTED	No definitions selected
52	IPCONDEF_MORE_THAN_1_RELSYS	More than one related system
53	IPCONDEF_MISSING_RELSYSID	Missing related system identifier
54	IPCONDEF_SCOPE_CONFLICT	Scope conflict
55	IPCONDEF_INV_CSDGROUP	Invalid CSD group
56	IPCONDEF_REC_NOT_REMOVED	Record not removed
57	IPCONDEF_INV_RESOURCE	Invalid resource
58	IPCONDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	IPCONDEF_PARTIAL_ACTION	Partial action
60	IPCONDEF_NOTHING_ACTIONED	Nothing actioned
61	IPCONDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	IPCONDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	IPCONDEF_CSD_ERROR	CSD access error

Table 573. IPCONDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	428
APPLID	CHAR	CPSM	8	Yes	DIFF	Remote application ID				77
AUTOCONNECT	EYUDA	CPSM	4	Yes	LIKE	Autoconnect sessions for IPIC connections	NO			36
AUTOCONNECT Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• YES</li> </ul>									
CERTIFICATE	CHAR	CPSM	32	No	DIFF	Certificate				322
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CIPHERS	CHAR	CPSM	56	No	LIKE	SSL cipher suite codes				354
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				104
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		196
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				136
HA	EYUDA	CPSM	4	Yes	LIKE	High availability	NO		E640 E650 E660 E670 E680	440
HA Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• YES</li> </ul>									
HOST	CHAR	CPSM	116	Yes	DIFF	Remote host name				200
IDPROP	CVDAS	CPSM	4	Yes	LIKE	Identity propagation	NOTALLOWED		E640 E650	424
IDPROP Input/output valid values	<ul style="list-style-type: none"> <li>• NOTALLOWED</li> <li>• OPTIONAL</li> <li>• REQUIRED</li> </ul>									
INSERVICE	EYUDA	CPSM	4	Yes	LIKE	Connection status	YES			40
INSERVICE Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• YES</li> </ul>									
LINKAUTH	CVDAS	CPSM	4	No	LIKE	Link security	SECUSER			420
LINKAUTH Input/output valid values	<ul style="list-style-type: none"> <li>• SECUSER</li> <li>• CERTUSER</li> </ul>									
MAXQTIME	CHAR	CPSM	8	No	DIFF	Maximum queue time	NO	0-9999		93
MAXQTIME Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> </ul>									

Table 573. IPCONDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
MIRRORLIFE	CVDAS	INQ	4	No	DIFF	Minimum mirror lifetime	REQUEST		E640 E650 E660	436
MIRRORLIFE Input/output valid values	<ul style="list-style-type: none"> <li>• REQUEST</li> <li>• TASK</li> <li>• UOW</li> </ul>									
NETWORKID	CHAR	CPSM	8	No	DIFF	Remote network ID				69
PORT	CHAR	CPSM	5	Yes	DIFF	Port number	NO	1-65535		56
PORT Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> </ul>									
QUEUELIMIT	CHAR	CPSM	8	No	DIFF	Queue limit	NO	0-9999		85
QUEUELIMIT Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> </ul>									
RECEIVECOUNT	CHAR	CPSM	3	Yes	DIFF	Receive count		1-999		316
SECURITYNAME	CHAR	CPSM	8	No	LIKE	Security name of the remote system				410
SENDcount	CHAR	CPSM	3	Yes	DIFF	Send count		0-999		319
SSL	EYUDA	CPSM	4	Yes	LIKE	Secure sockets layer (SSL) type	NO			48
SSL Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
TCIPSERVICE	CHAR	CPSM	8	Yes	DIFF	TCP/IP service				61
USERAUTH	CVDAS	CPSM	4	Yes	LIKE	Attach-time user security level	LOCAL			52
USERAUTH Input/output valid values	<ul style="list-style-type: none"> <li>• DEFAULTUSER</li> <li>• LOCAL</li> <li>• VERIFY</li> <li>• IDENTIFY</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				112
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				120
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				128
XLNAction	EYUDA	CPSM	4	Yes	LIKE	Exchange log names (XLN) action	KEEP			44
XLNAction Input/output valid values	<ul style="list-style-type: none"> <li>• KEEP</li> <li>• FORCE</li> </ul>									





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## Chapter 253. IPCONN Resource Table

A CICS Resource that describes an IPIC connection in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**ACQUIRE**

Acquire the connection.

**BACKOUT**

Back out shunted units of work associated with the connection.

**CANCEL**

Cancel the connection.

**COMMIT**

Commit shunted units of work associated with the connection.

**DISCARD**

Discard the connection.

**FORCE**

Force shunted units of work associated with the connection to commit or back out.

**FORCECANCEL**

Cancel all AIDs, including system AIDs, queuing for the connection.

**FORCEPURGE**

Force purge all transactions running on sessions on the connected system.

**INSERVICE**

Place the connection in service.

**KILL**

Kill all transactions running on sessions on the connected system.

**Note:** Kill can lead to unpredictable results and should be used only in exceptional circumstances.

**NORECOVDATA**

Override the normal resynchronization process.

**NOTPENDING**

Set the connection not pending.

**OUTSERVICE**

Place the connection out of service.

**PURGE**

Purge the connection.

**RELEASE**

Release the connection.

**RESYNC**

Resynchronize shunted units of work associated with the connection.

These actions require no unique parameter data.

Some of these actions may be valid only for particular types of CICS connections. Refer to the appropriate CICS documentation for details.

**Note:** The value returned by CICS conflicts with CVDA values in other CICS environments. In order to retain the attribute's uniqueness, CICSplex SM adds either 8000 or 9000 to the value returned by CICS. For more information about translating CVDA values, see [TRANSLATE command](#).

**External resource name(CMCI)**

CICSIPICConnection

**Object type**

CICS Resource

**Length**

768

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0167

**CICS Commands subject to CICS Security**

INQUIRE IPCONN

Table 574. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	ACQUIRE	None	N/A
	BACKOUT	None	N/A
	COMMIT	None	N/A
	CANCEL	None	N/A
	FORCE	None	N/A
	FORCECANCEL	None	N/A
	FORCEPURGE	None	N/A
	INSERVICE	None	N/A
	KILL	None	N/A
	NORECOVDATA	None	N/A
	NOTPENDING	None	N/A
	OUTSERVICE	None	N/A
	PURGE	None	N/A
	RELEASE	None	N/A
	RESYNC	None	N/A

Table 575. IPCONN resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF	No	CICS System Name				0
EYU_CICSREL	CHAR	CPSM			4	DIF	No	CICS Release				8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved				12
NAME-1	CHAR	INQ	IPCONN	IPCONN	8	DIF	No	IPIC connection ID				16
ALLCFAILLINK	BINARY	STAT	DFHISRDS	ISR_ALLOCA TES_FAILED _LINK	4	DIF	No	Number of allocations failed on link				29 2
ALLCFAILOTH	BINARY	STAT	DFHISRDS	ISR_ALLOCA TES_FAILED _OTHER	4	DIF	No	Number of allocations failed for other reasons				29 6
APPLID	CHAR	INQ	IPCONN	APPLID	8	DIF	No	Remote application ID				24
AUTOCONNECT	CVDAS	INQ	IPCONN	AUTOCONNE CT	4	LIK E	No	Autoconnect option				32
AUTOCONNECT Input/output valid values	<ul style="list-style-type: none"> <li>AUTOCONN</li> <li>NONAUTOCONN</li> </ul>											
BASDEFINEVER	BINARY	CPSM			1	AV G	No	BAS resource definition version	0		E64 0 E65 0	50 0
CERTIFICATE	CHAR	INQ	IPCONN	CERTIFICAT E	3 2	DIF	No	Certificate				34 0
CHANGEAGENT	CVDAS	INQ	IPCONN	CHANGEAGE NT	4	LIK E	No	Last modification agent			E64 0 E65 0	44 0
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>CSDAPI</li> <li>CSDBATCH</li> <li>DREPAPI</li> <li>OVERRIDE</li> <li>DREPBATCH</li> <li>AUTOINSTALL</li> <li>CREATESPI</li> <li>NOTAPPLIC</li> </ul>											
CHANGEAGREL	CHAR	INQ	IPCONN	CHANGEAGR EL	4	DIF	No	Last modification agent release			E64 0 E65 0	45 2
CHANGETIME	DATETIME	INQ	IPCONN	CHANGETIM E	8	MA X	No	Last modification time			E64 0 E65 0	45 6
CHANGEUSRID	CHAR	INQ	IPCONN	CHANGEUSR ID	8	DIF	No	Last modification user ID			E64 0 E65 0	44 4
CIPHERS	CHAR	INQ	IPCONN	CIPHERS	5 6	LIK E	No	SSL cipher suite codes				37 4
CLIENTLOC	CHAR	INQ	IPCONN	CLIENTLOC	3 2	DIF	No	Most diverse route to partner system			E64 0 E65 0	50 1

Table 575. IPCONN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
CONNSTATUS	CVDAS	INQ	IPCONN	CONNSTATUS	4	LIKE	Yes	Connection status				36
CONNSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>ACQUIRED</li> <li>RELEASED</li> </ul>											
CONNSTATUS Output valid values	<ul style="list-style-type: none"> <li>FREING</li> <li>OBTAINING</li> </ul>											
CRECVSESS	BINARY	STAT	DFHISRDS	ISR_CURRENT_RECEIVE_SESSIONS	4	DIF	No	Number of receive sessions in use				272
CSENDESS	BINARY	STAT	DFHISRDS	ISR_CURRENT_SEND_SESSIONS	4	DIF	No	Number of send sessions in use				264
CURRQUEUED	BINARY	STAT	DFHISRDS	ISR_CURRENT_QUEUED_ALLOCATES	4	DIF	No	Current number of allocates queued				284
DEFINESOURCE	CHAR	INQ	IPCONN	DEFINESOURCE	8	DIF	No	Source of the resource definition			E640 E650	464
DEFINETIME	DATETIME	INQ	IPCONN	DEFINETIME	8	MAX	No	Creation time			E640 E650	472
EXITALLCPUR	BINARY	STAT	DFHISRDS	ISR_XISQUE_ALLOCS_PURGED	4	DIF	No	Number of XISQUE allocates purged				320
EXITALLCPUR	BINARY	STAT	DFHISRDS	ISR_XISQUE_ALLOC_QUEUES	4	DIF	No	Number of XISQUE allocation queue purges				316
EXITALLCREJ	BINARY	STAT	DFHISRDS	ISR_XISQUE_ALLOC_REJECTS	4	DIF	No	Number of XISQUE allocate rejections				312
FSFCBYTERECD	BINARY	STAT	DFHISRDS	ISR_FS_FC_BYTES_RECEIVED	8	AVG	No	Number of FC function shipped bytes received			E640 E650 E660	708
FSFCBYTESENT	BINARY	STAT	DFHISRDS	ISR_FS_FC_BYTES_SENT	8	AVG	No	Number of FC function shipped bytes sent			E640 E650 E660	700
FSFCREQS	BINARY	STAT	DFHISRDS	ISR_FS_FC_REQUESTS	4	AVG	No	Number of FC function shipped requests			E640 E650 E660	696
FSICBYTERECD	BINARY	STAT	DFHISRDS	ISR_FS_IC_BYTES_RECEIVED	8	AVG	No	Number of IC function shipped bytes received			E640 E650	676
FSICBYTESENT	BINARY	STAT	DFHISRDS	ISR_FS_IC_BYTES_SENT	8	AVG	No	Number of IC function shipped bytes sent			E640 E650	668

Table 575. IPCONN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
FSICREQS	BINARY	STAT	DFHISRDS	ISR_FS_IC_REQUESTS	4	DIF	No	Number of IC function shipped requests			E640 E650	664
FSPCBYTEECD	BINARY	STAT	DFHISRDS	ISR_FS_PG_BYTES_RECEIVED	8	DIF	No	Number of PC function shipped bytes received				224
FSPCBYTESENT	BINARY	STAT	DFHISRDS	ISR_FS_PG_BYTES_SENT	8	DIF	No	Number of PC function shipped bytes sent				216
FSPGREQS	BINARY	STAT	DFHISRDS	ISR_FS_PG_REQUESTS	4	DIF	No	Number of PC function shipped requests				328
FSTDBYTEECD	BINARY	STAT	DFHISRDS	ISR_FS_TD_BYTES_RECEIVED	8	AVG	No	Number of TD function shipped bytes received			E640 E650 E660	728
FSTDBYTESENT	BINARY	STAT	DFHISRDS	ISR_FS_TD_BYTES_SENT	8	AVG	No	Number of TD function shipped bytes sent			E640 E650 E660	720
FSTDREQS	BINARY	STAT	DFHISRDS	ISR_FS_TD_REQUESTS	4	AVG	No	Number of TD function shipped requests			E640 E650 E660	716
FSTSBYTEECD	BINARY	STAT	DFHISRDS	ISR_FS_TS_BYTES_RECEIVED	8	AVG	No	Number of TS function shipped bytes received			E640 E650 E660	748
FSTSBYTESENT	BINARY	STAT	DFHISRDS	ISR_FS_TS_BYTES_SENT	8	AVG	No	Number of TS function shipped bytes sent			E640 E650 E660	740
FSTSREQS	BINARY	STAT	DFHISRDS	ISR_FS_TS_REQUESTS	4	AVG	No	Number of TS function shipped requests			E640 E650 E660	736
GMTCTIME	TIMESTP	STAT	DFHISRDS	ISR_IPCONN_GMT_CREATE_TIME	8	MAX	No	GMT connection create time				248
GMTDTIME	TIMESTP	STAT	DFHISRDS	ISR_IPCONN_GMT_DELETE_TIME	8	MAX	No	GMT connection delete time				256
HA	CVDAS	INQ	IPCONN	HA	4	LIKE	No	High availability status			E640 E650 E660 E670 E680	760

Table 575. IPCONN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
HA Output valid values	<ul style="list-style-type: none"> <li>REQUIRED</li> <li>NOTREQUIRED</li> </ul>											
HOST	CHAR	INQ	IPCONN	HOST	16	DIF	No	Remote host name				40
HOSTTYPE	CVDAS	INQ	IPCONN	HOSTTYPE	4	LIKE	No	Host name's address format			E640 E650	640
HOSTTYPE Output valid values	<ul style="list-style-type: none"> <li>HOSTNAME</li> <li>IPV4</li> <li>IPV6</li> <li>NOTAPPLIC</li> </ul>											
IDPROP	CVDAS	INQ	IPCONN	IDPROP	4	LIKE	No	Identity propagation			E640 E650	684
IDPROP Output valid values	<ul style="list-style-type: none"> <li>NOTALLOWED</li> <li>OPTIONAL</li> <li>REQUIRED</li> </ul>											
INSTALLAGENT	CVDAS	INQ	IPCONN	INSTALLAGENT	4	LIKE	No	Installation agent			E640 E650	496
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>CSDAPI</li> <li>CREATESPI</li> <li>AUTOINSTALL</li> <li>GRPLIST</li> </ul>											
INSTALLTIME	DATETIME	INQ	IPCONN	INSTALLTIME	8	MAX	No	Installation time			E640 E650	488
INSTALLUSRID	CHAR	INQ	IPCONN	INSTALLUSRID	8	DIF	No	Installation user ID			E640 E650	480
IPFAMILY	CVDAS	INQ	IPCONN	IPFAMILY	4	LIKE	No	The format of the resolved IP address			E640 E650	636
IPFAMILY Output valid values	<ul style="list-style-type: none"> <li>IPV4</li> <li>IPV6</li> <li>UNKNOWN</li> </ul>											
IPRESOLVED	CHAR	INQ	IPCONN	IPRESOLVED	39	DIF	No	Remote host's IP address			E640 E650	597
LINKAUTH	CVDAS	INQ	IPCONN	LINKAUTH	4	LIKE	No	Link security				204
LINKAUTH Output valid values	<ul style="list-style-type: none"> <li>SECUSER</li> <li>CERTUSER</li> </ul>											
LOCCTIME	TIMESTP	STAT	DFHISRDS	ISR_IPCONN_CREATE_TIME	8	MAX	No	Local connection create time				232

Table 575. IPCONN resource table attributes (continued)												
Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
LOCDDTIME	TIMESTP	STAT	DFHISRDS	ISR_IPCONN_DELETE_TIME	8	MAX	No	Local connection delete time				240
MAXQTIME	BINARY	INQ	IPCONN	MAXQTIME	4	DIFF	No	Maximum queue time	NO			156
MIRRORLIFE	CVDAS	INQ	IPCONN	MIRRORLIFE	4	DIFF	No	Minimum mirror lifetime			E640 E650 E660	692
MIRRORLIFE Input/output valid values	<ul style="list-style-type: none"> <li>• REQUEST</li> <li>• TASK</li> <li>• UOW</li> </ul>											
MQTALLPURG	BINARY	STAT	DFHISRDS	ISR_MAXQTIME_ALLOCS_PURGED	4	DIFF	No	Number of queue time allocates purged				308
MQTALLQPURG	BINARY	STAT	DFHISRDS	ISR_MAXQTIME_ALLOCS_QPURGES	4	DIFF	No	Number of queue time allocation queue purges				304
NETWORKID	CHAR	INQ	IPCONN	NETWORKID	8	DIFF	No	Remote network ID				196
NUMCIPHERS	BINARY	INQ	IPCONN	NUMCIPHERS	2	LIKE	No	Number of SSL cipher suite codes				372
PARTNER	CHAR	INQ	IPCONN	PARTNER	64	DIFF	No	Product token of partner system			E640 E650	533
PEAKQUEUED	BINARY	STAT	DFHISRDS	ISR_PEAK_QUEUED_ALLOCATES	4	DIFF	No	Number of peak queued session allocations				288
PENDSTATUS	CVDAS	INQ	IPCONN	PENDSTATUS	4	LIKE	Yes	Pending status				160
PENDSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• PENDING</li> <li>• NOTPENDING</li> </ul>											
PORT	BINARY	INQ	IPCONN	PORT	4	DIFF	No	Port number				164
PRECVSESS	BINARY	STAT	DFHISRDS	ISR_PEAK_RECEIVE_SESSIONS	4	DIFF	No	Maximum number of receive sessions used				276
PSENDSSESS	BINARY	STAT	DFHISRDS	ISR_PEAK_SEND_SESSIONS	4	DIFF	No	Maximum number of send sessions used				268
PURGETYPE	CVDAS	INQ			4	LIKE	Yes	Purge type				208
PURGETYPE Input/output valid values	<ul style="list-style-type: none"> <li>• CANCEL</li> <li>• FORCECANCEL</li> <li>• FORCEPURGE</li> <li>• KILL</li> <li>• PURGE</li> <li>• N_A</li> </ul>											
QLIMALLOCREJ	BINARY	STAT	DFHISRDS	ISR_QLIMIT_ALLOC_REJECTS	4	DIFF	No	Number of queue limit allocate rejections				300
QUEUELIMIT	BINARY	INQ	IPCONN	QUEUELIMIT	4	DIFF	No	Queue limit				168

Table 575. IPCONN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
RECEIVECOUNT	BINARY	INQ	DFHISRDS	ISR_RECEIVE_SESSIONS	4	DIF	No	Receive count				172
RECOVSTATUS	CVDAS	INQ	IPCONN	RECOVSTATUS	4	LIKE	Yes	Recovery status				176
RECOVSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>NORECOVDATA</li> <li>NRS</li> <li>RECOVDATA</li> </ul>											
REMTRMSTRT	BINARY	STAT	DFHISRDS	ISR_REMOTE_TERM_STARTS	4	AVG	No	Remote terminal starts			E640 E650	688
SECURITYNAME	CHAR	CPSM	IPCONN	SECURITYNAME	8	DIF	No	Security name of the remote system				430
SENDCOUNT	BINARY	INQ	DFHISRDS	ISR_SEND_SESSIONS	4	DIF	No	Send count		0-999		180
SERVSTATUS	CVDAS	INQ	IPCONN	SERVSTATUS	4	LIKE	Yes	Service status				184
SERVSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>INSERVICE</li> <li>OUTSERVICE</li> </ul>											
SSLTYPE	CVDAS	INQ	IPCONN	SSLTYPE	4	LIKE	No	Secure sockets layer (SSL) type				332
SSLTYPE Output valid values	<ul style="list-style-type: none"> <li>SSL</li> <li>NOSSL</li> </ul>											
TCPIPSERVICE	CHAR	INQ	IPCONN	TCPIPSERVICE	8	DIF	No	TCP/IP service				188
TOTALLOC	BINARY	STAT	DFHISRDS	ISR_TOTAL_ALLOCATES	4	DIF	No	Total number of session allocations				280
TRANSATTCH	BINARY	STAT	DFHISRDS	ISR_TRANS_ATTACHED	4	DIF	No	Number of transactions attached				324
TRBYTERECD	BINARY	STAT	DFHISRDS	ISR_TR_BYTES_RECEIVED	8	AVG	No	Number of TR function shipped bytes received			E640 E650	656
TRBYTESENT	BINARY	STAT	DFHISRDS	ISR_TR_BYTES_SENT	8	AVG	No	Number of TR function shipped bytes sent			E640 E650	648
TRREQS	BINARY	STAT	DFHISRDS	ISR_TR_REQUESTS	4	AVG	No	Number of TR function shipped requests			E640 E650	644
UNSUPREQS	BINARY	STAT	DFHISRDS	ISR_UNSUPPORTED_REQUESTS	4	AVG	No	Number of unsupported requests			E640 E650 E660	756
UOWACTION	CVDAS	INQ			4	LIKE	Yes	UOW Action				212
UOWACTION Input/output valid values	<ul style="list-style-type: none"> <li>BACKOUT</li> <li>COMMIT</li> <li>FORCE</li> <li>RESYNC</li> <li>N_A</li> </ul>											



Table 575. IPCONN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
USERAUTH	CVDAS	INQ	IPCONN	USERAUTH	4	LIKE	No	Attach-time user security level				336
USERAUTH Output valid values	<ul style="list-style-type: none"> <li>• DEFAULTUSER</li> <li>• LOCAL</li> <li>• VERIFY</li> <li>• IDENTIFY</li> </ul>											



# Chapter 254. IPFACIL Resource Table

The IPFACIL views show the associations between active CICS tasks and the IPIC connections in use by those tasks.

The **Primary** key field for this resource class is TASKID.

The **Secondary** key field for this resource class is TOKEN.

The following actions are supported:

**Get**

View an association between an IPIC connection definition and an active CICS task.

**External resource name(CMCI)**

CICSIPFacility

**Object type**

CICS Resource

**Length**

40

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0171

**CICS Commands subject to CICS Security**

INQUIRE IPCONN

Table 576. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 577. IPFACIL resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>TASKID-1</b>	DECIMAL	INQ			4	MIN	Associated task id	16
<b>TOKEN-2</b>	HEX	INQ			4	MIN	IP facility token	20
IPCONN	CHAR	INQ			8	DIFF	IP connection id	24
IPFACILTYPE	CVDAS	INQ			4	LIKE	IP facility type	32

Table 577. IPFACIL resource table attributes (continued)								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
IPFACILTYPE Input/output valid values	<ul style="list-style-type: none"> <li>• PRINCIPAL</li> <li>• ALTERNATE</li> </ul>							

## Chapter 255. JMSINGRP Resource Table

A CPSM Business Application Services definition that describes the membership of a JVMSERVER definition (JVMSVDEF) in a resource group (RESGROUP). A JVMSVDEF resource object can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is JMSGROUP.

The **Secondary** key field for this resource class is JMSNAME.

The **Tertiary** key field for this resource class is JMSVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6186

### Security Class

BAS.DEF

Table 578. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 579. JMSINGRP FEEDBACK error codes		
Value	Code	Description
1	JMSINGRP_INV_DATA	Attribute data invalid
2	JMSINGRP_REC_NOT_FOUND	Requested resource not found
4	JMSINGRP_REC_EXISTS	Resource already exists
6	JMSINGRP_INV_RESTYPE	Invalid resource type
7	JMSINGRP_INV_VER	Invalid resource version
11	JMSINGRP_NON_MP	Maintenance point CMAS not available

Table 579. JMSINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	JMSINGRP_INV_CONTEXT	Context not found
21	JMSINGRP_INCONSISTENT_SET	Inconsistent set
22	JMSINGRP_DIFF_VERSION	Different version
23	JMSINGRP_INV_NAME	Invalid name
24	JMSINGRP_INV_MINNAME	Invalid minor name

Table 580. JMSINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
JMSGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
JMSNAME-2	CHAR	CPSM	8	Yes	DIFF	JVM server definition name	44
JMSVER-3	BINARY	CPSM	1	Yes	AVG	JVM server definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 256. JRMINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a journal model definition (JRNMDEF) in a resource group (RESGROUP). A JRNMDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is JRNMGROUP.

The **Secondary** key field for this resource class is JRNNAME.

The **Tertiary** key field for this resource class is JRNMDVER.

There are no object specific actions for this resource class.

**Object type**

CICSplex SM Definition

**Length**

56

**Usage**

API, Batch Utility, WUI

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt6148

**Security Class**

BAS.DEF

Table 581. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 582. JRMINGRP FEEDBACK error codes		
Value	Code	Description
1	JRMINGRP_INV_DATA	Attribute data invalid
2	JRMINGRP_REC_NOT_FOUND	Requested resource not found
4	JRMINGRP_REC_EXISTS	Resource already exists
6	JRMINGRP_INV_RESTYPE	Invalid resource type
7	JRMINGRP_INV_VER	Invalid resource version
11	JRMINGRP_NON_MP	Maintenance point CMAS not available

Table 582. JRMINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	JRMINGRP_INV_CONTEXT	Context not found
21	JRMINGRP_INCONSISTENT_SET	Inconsistent set
22	JRMINGRP_DIFF_VERSION	Different version
23	JRMINGRP_INV_NAME	Invalid name
24	JRMINGRP_INV_MINNAME	Invalid minor name

Table 583. JRMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
JRNMGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
JRNNAME-2	CHAR	CPSM	8	Yes	DIFF	Journal model definition name	44
JRNMDVER-3	BINARY	CPSM	1	Yes	AVG	Journal model definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16



## Chapter 257. JRNINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a journal definition (JRNLDEF) in a resource group (RESGROUP). A JRNLDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is JRNLGROUP.

The **Secondary** key field for this resource class is JRNLNAME.

The **Tertiary** key field for this resource class is JRNLVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

Batch Utility

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6147

### Security Class

BAS.DEF

Table 584. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 585. JRNINGRP FEEDBACK error codes		
Value	Code	Description
1	JRNINGRP_INV_DATA	Attribute data invalid
2	JRNINGRP_REC_NOT_FOUND	Requested resource not found
4	JRNINGRP_REC_EXISTS	Resource already exists
6	JRNINGRP_INV_RESTYPE	Invalid resource type
7	JRNINGRP_INV_VER	Invalid resource version
11	JRNINGRP_NON_MP	Maintenance point CMAS not available

Table 585. JRNINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	JRNINGRP_INV_CONTEXT	Context not found
21	JRNINGRP_INCONSISTENT_SET	Inconsistent set
22	JRNINGRP_DIFF_VERSION	Different version
23	JRNINGRP_INV_NAME	Invalid name
24	JRNINGRP_INV_MINNAME	Invalid minor name

Table 586. JRNINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
JRNLGROU-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
JRNLNAM-2	CHAR	CPSM	8	Yes	DIFF	Journal definition name	44
JRNLVER-3	BINARY	CPSM	1	Yes	AVG	Journal definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

## Chapter 258. JRNLDEF Resource Table

A CICS Definition that describes a CICS system log or user journal.

The **Primary** key field for this resource class is NAME. Note that a journal ID can be only 2 characters long. The remainder of the 8-character NAME field should be padded with blank spaces.

The **Secondary** key field for this resource class is DEFVER.

### Object type

CICS Definition

### Length

192

### Usage

Batch Utility

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt3802

### Security Class

OPERATE.JOURNAL

Table 587. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDTGRP	RESGROUP(value)	Yes

Table 588. JRNLDEF FEEDBACK error codes		
Value	Code	Description
1	JRNLDEF_INV_DATA	Attribute data invalid
2	JRNLDEF_REC_NOT_FOUND	Requested resource not found
4	JRNLDEF_REC_EXISTS	Resource already exists
5	JRNLDEF_REC_CHANGED	Resource definition already changed
6	JRNLDEF_INV_RESTYPE	Invalid resource type

Table 588. JRNLDEF FEEDBACK error codes (continued)

Value	Code	Description
7	JRNLDEF_INV_VER	Invalid resource version
11	JRNLDEF_NON_MP	Maintenance point CMAS not available
12	JRNLDEF_INV_CONTEXT	Context not found
13	JRNLDEF_INCONSISTENT_SET	Inconsistent set condition
14	JRNLDEF_INV_RESGROUP	Resource group not found
21	JRNLDEF_INV_ACTION	Invalid action
22	JRNLDEF_INV_RECADDR	Invalid record address
23	JRNLDEF_INV_RECLEN	Invalid record length
24	JRNLDEF_DIFF_VERSION	Different version
25	JRNLDEF_EARLY_NAMELIST_END	Early name list end
26	JRNLDEF_INV_NAMELIST	Invalid name list
27	JRNLDEF_INV_NAME	Invalid name
28	JRNLDEF_INV_MINNAME	Invalid minor name

Table 589. JRNLDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Journal definition name			9
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	8
ARCHSTATUS	CVDAS	CPSM	4	Yes	LIKE	Automatic archiving status	NOAUTOARCH		52
ARCHSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>AUTOARCH</li> <li>NOAUTOARCH</li> <li>REVERTED</li> </ul>								
BUFFERSIZE	CHAR	CPSM	8	Yes	DIFF	I/O buffer size		512-32760	24
BUFSUV	CHAR	CPSM	8	No	DIFF	Buffer shiftup value	NO	1-32760	84
BUFSUV Input/output valid values	<ul style="list-style-type: none"> <li>NO</li> </ul>								
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed			0
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Definition create time			96
CRUCIAL	EYUDA	CPSM	4	Yes	LIKE	Perform action when I/O error occurs	NO		56
CRUCIAL Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>								
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Definition description			128
DEVADDR	CHAR	CPSM	4	No	DIFF	Device address	NO	0-255	80
DEVADDR Input/output valid values	<ul style="list-style-type: none"> <li>NO</li> </ul>								
EMRGNCYRSTRT	EYUDA	CPSM	4	Yes	LIKE	Emergency restart data set	LRU		72
EMRGNCYRSTRT Input/output valid values	<ul style="list-style-type: none"> <li>LRU</li> <li>EXTA</li> </ul>								
INPUT	EYUDA	CPSM	4	Yes	LIKE	Input allowed	NO		68

Table 589. JRNLDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
INPUT Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>								
JOURNALTYPE	CVDAS	CPSM	4	Yes	LIKE	Journal type	DISK1		20
JOURNALTYPE Input/output valid values	<ul style="list-style-type: none"> <li>• SMF</li> <li>• TAPE1</li> <li>• TAPE2</li> <li>• DISK1</li> <li>• DISK2</li> </ul>								
LABEL	EYUDA	CPSM	4	Yes	LIKE	Use standard user label tapes	NO		32
LABEL Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• STANDARD</li> </ul>								
LAYOUT	EYUDA	CPSM	4	Yes	LIKE	Journal structure type	LINEAR		36
LAYOUT Input/output valid values	<ul style="list-style-type: none"> <li>• LINEAR</li> <li>• CYCLIC</li> </ul>								
OPEN	EYUDA	CPSM	4	Yes	LIKE	Open time	INITIAL		40
OPEN Input/output valid values	<ul style="list-style-type: none"> <li>• INITIAL</li> <li>• DEFERRED</li> </ul>								
OPENSTATUS	CVDAS	CPSM	4	Yes	LIKE	Open status	CLOSED		76
OPENSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• OPEN</li> <li>• CLOSED</li> </ul>								
PAUSE	EYUDA	CPSM	4	Yes	LIKE	Operator authorization required	NO		64
PAUSE Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>								
RETRY	EYUDA	CPSM	4	Yes	LIKE	Retry I/O errors	NO		60
RETRY Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>								
RSL	CHAR	CPSM	4	No	DIFF	Resource security value	NO	1-24	92
RSL Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> </ul>								
SYSWAIT	EYUDA	CPSM	4	Yes	LIKE	I/O initiate time	STARTIO		44
SYSWAIT Input/output valid values	<ul style="list-style-type: none"> <li>• STARTIO</li> <li>• ASIS</li> </ul>								
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1			104
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2			112
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3			120
VOLCNT	CHAR	CPSM	4	No	DIFF	Number of tape volumes	2	2-255	48



## Chapter 259. JRNLMODL Resource Table

A CICS Resource that describes a journal model in an active system running the CICS TS for z/OS and being managed by CICSplex SM.

The **Primary** key field for this resource class is JOURNALMODEL.

The following action is supported:

### DISCARD

Discard the journal model.

The DISCARD action requires no unique parameter data.

### External resource name(CMCI)

CICSJournalModel

### Object type

CICS Resource

### Length

128

### Usage

API, WUI, CICS Management Client Interface(CMCI)

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0076

### Security Class

OPERATE.JOURNAL

### CICS Commands subject to CICS Security

INQUIRE JOURNALMODEL

Table 590. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 591. JRNLMODL resource table attributes										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved			12

Table 591. JRNLMODL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Inval id	Offset
JOURNALMODEL-1	CHAR	INQ	JOURNALMOD EL	JOURNALMOD EL	8	DIFF	Journal model name			16
BASDEFINEVER	BINARY	CPSM			1	AVG	BAS resource definition version	0	E640 E650	124
CHANGEAGENT	CV DAS	INQ	JOURNALMOD EL	CHANGEAGEN T	4	LIKE	Last modification agent		E640 E650	64
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>									
CHANGEAGREL	CHAR	INQ	JOURNALMOD EL	CHANGEAGREL	4	DIFF	Last modification agent release		E640 E650	76
CHANGETIME	DATETIME	INQ	JOURNALMOD EL	CHANGETIME	8	MAX	Last modification time		E640 E650	80
CHANGEUSRID	CHAR	INQ	JOURNALMOD EL	CHANGEUSRID	8	DIFF	Last modification user ID		E640 E650	68
DEFINESOURCE	CHAR	INQ	JOURNALMOD EL	DEFINESOURC E	8	DIFF	Source of the resource definition		E640 E650	88
DEFINETIME	DATETIME	INQ	JOURNALMOD EL	DEFINETIME	8	MAX	Creation time		E640 E650	96
INSTALLAGENT	CV DAS	INQ	JOURNALMOD EL	INSTALLAGEN T	4	LIKE	Installation agent		E640 E650	120
INSTALLAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• GRPLIST</li> </ul>									
INSTALLTIME	DATETIME	INQ	JOURNALMOD EL	INSTALLTIME	8	MAX	Installation time		E640 E650	112
INSTALLUSRID	CHAR	INQ	JOURNALMOD EL	INSTALLUSRID	8	DIFF	Installation user ID		E640 E650	104
JOURNALNAME	CHAR	INQ	JOURNALMOD EL	JOURNALNAM E	8	DIFF	Journal name			24
STREAMNAME	CHAR	INQ			26	DIFF	MVS log stream name			36
TYPE	CV DAS	INQ	JOURNALMOD EL	TYPE	4	LIKE	Log stream type			32
TYPE Output valid values	<ul style="list-style-type: none"> <li>• MVS</li> <li>• SMF</li> <li>• DUMMY</li> </ul>									



# Chapter 260. JRNLNAME Resource Table

A CICS Resource that describes a journal in an active system running the CICS TS for z/OS and being managed by CICSplex SM.

The **Primary** key field for this resource class is JOURNALNAME.

The following actions are supported:

**DISCARD**

Discard the journal name.

**FLUSH**

Write the log buffers out to the log stream.

**RESET**

Disconnect the journal from the log stream.

These actions require no unique parameter data.

**External resource name(CMCI)**

CICSJournalName

**Object type**

CICS Resource

**Length**

80

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0077

**Security Class**

OPERATE.JOURNAL

**CICS Commands subject to CICS Security**

EXTRACT STATISTICS

INQUIRE JOURNALNAME

Table 592. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	FLUSH	None	N/A
	RESET	None	N/A

Table 592. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	DISCARD	None	N/A

Table 593. JRNLNAME resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	12
JOURNALNAME-1	CHAR	INQ	JOURNALNAME	JOURNALNAME	8	DIFF	No	Journal name	16
NUMBUFLUSH	BINARY	STAT	DFHLGRDS	LGRBUFLSH	4	SUM	No	Number of buffer flush requests	72
NUMBYTES	BINARY	STAT	DFHLGRDS	LGRBYTES	8	AVG	No	Total number of bytes written	64
NUMWRITES	BINARY	STAT	DFHLGRDS	LGRWRITES	4	SUM	No	Number of journal writes	60
STATUS	CVDAS	INQ	JOURNALNAME	STATUS	4	LIKE	Yes	Journal status	24
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>								
STATUS Output valid values	<ul style="list-style-type: none"> <li>• FAILED</li> </ul>								
STREAMNAME	CHAR	INQ	JOURNALNAME	STREAMNAME	26	DIFF	No	MVS log stream name	32
TYPE	CVDAS	INQ	JOURNALNAME	TYPE	4	LIKE	No	Log stream type	28
TYPE Output valid values	<ul style="list-style-type: none"> <li>• MVS</li> <li>• SMF</li> <li>• DUMMY</li> </ul>								

# Chapter 261. JRNMDEF Resource Table

A CICS Definition that describes a journal model, which is the association between a CICS journal name and the MVS system log streams or the SMF log.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a Journal Model Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionJournalModel

**Object type**

CICS Definition

**Length**

184

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3803

**Security Class**

BAS.JOURNAL

Table 594. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No

<i>Table 594. Valid CPSM operations (continued)</i>			
Operations	Actions	Parameters	Required
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTOGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

<i>Table 595. JRNMDEF FEEDBACK error codes</i>		
Value	Code	Description
1	JRNMDEF_INV_DATA	Attribute data invalid
2	JRNMDEF_REC_NOT_FOUND	Requested resource not found
4	JRNMDEF_REC_EXISTS	Resource already exists
5	JRNMDEF_REC_CHANGED	Resource definition already changed
6	JRNMDEF_INV_RESTYPE	Invalid resource type
7	JRNMDEF_INV_VER	Invalid resource version
11	JRNMDEF_NON_MP	Maintenance point CMAS not available
12	JRNMDEF_INV_CONTEXT	Context not found
13	JRNMDEF_INCONSISTENT_SET	Inconsistent set condition
14	JRNMDEF_INV_RESGROUP	Resource group not found
21	JRNMDEF_INV_ACTION	Invalid action
22	JRNMDEF_INV_RECADDR	Invalid record address
23	JRNMDEF_INV_RECLEN	Invalid record length
24	JRNMDEF_DIFF_VERSION	Different version
25	JRNMDEF_EARLY_NAMELIST_END	Early name list end
26	JRNMDEF_INV_NAMELIST	Invalid name list
27	JRNMDEF_INV_NAME	Invalid name
28	JRNMDEF_INV_MINNAME	Invalid minor name
29	JRNMDEF_NOTIFY	Notify

Table 595. JRNMDEF FEEDBACK error codes (continued)

Value	Code	Description
30	JRNMDEF_PARTIAL_INSTALL	Partial install
31	JRNMDEF_NOTHING_INSTALLED	Nothing installed
32	JRNMDEF_NO_TARGETS	No targets
33	JRNMDEF_NO_RELATED	No related systems
34	JRNMDEF_INV_TSCOPE	Invalid target scope
35	JRNMDEF_INV_RSCOPE	Invalid related scope
36	JRNMDEF_INV_USAGE	Invalid usage
37	JRNMDEF_INV_MODE	Invalid mode
38	JRNMDEF_INV_STATECHK	Invalid state check
39	JRNMDEF_INV_FORCEINS	Invalid force install
40	JRNMDEF_INV_NOTIFY	Invalid notify
41	JRNMDEF_INV_OVERTYPE	Invalid over type
42	JRNMDEF_INV_OVRBLOCK	Invalid override block
43	JRNMDEF_INV_ORSTRING	Invalid override string
44	JRNMDEF_INV_STRNGTERM	Invalid string term
45	JRNMDEF_INV_EMBEDTERM	Invalid embedded terminator
46	JRNMDEF_INV_ATTRIBUTE	Invalid attribute
47	JRNMDEF_INV_LITERAL	Invalid literal
48	JRNMDEF_INV_ORSTGNA	Invalid override string
49	JRNMDEF_SCOPE_REQUIRED	Scope required
50	JRNMDEF_USAGE_CONFLICT	Usage conflict
51	JRNMDEF_NODEFS_SELECTED	No definitions selected
52	JRNMDEF_MORE_THAN_1_RELSYS	More than one related system
53	JRNMDEF_MISSING_RELSYSID	Missing related system identifier
54	JRNMDEF_SCOPE_CONFLICT	Scope conflict
55	JRNMDEF_INV_CSDGROUP	Invalid CSD group
56	JRNMDEF_REC_NOT_REMOVED	Record not removed
57	JRNMDEF_INV_RESOURCE	Invalid resource
58	JRNMDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	JRNMDEF_PARTIAL_ACTION	Partial action
60	JRNMDEF_NOTHING_ACTIONED	Nothing actioned
61	JRNMDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	JRNMDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	JRNMDEF_CSD_ERROR	CSD access error

Table 596. JRNMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	176
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				80
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		172
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				112
JOURNALNAME	CHAR	CPSM	8	No	DIFF	Journal name				33
STREAMNAME	CHAR	CPSM	26	No	DIFF	MVS log stream name				48
STREAMTYPE	CVDAS	CPSM	4	Yes	LIKE	Log stream type	MVS			44
STREAMTYPE Input/ output valid values	<ul style="list-style-type: none"> <li>• MVS</li> <li>• SMF</li> <li>• DUMMY</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				88
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				96
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				104

## Chapter 262. JVM Resource Table

A CICS Resource that provides information about a JVM. This resource is not supported in CICS TS 5.1 and later versions.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSJVM

### Object type

CICS Resource

### Length

56

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0137

### CICS Commands subject to CICS Security

INQUIRE JVM

Table 597. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 598. JVM resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
NAME-1	BINARY	INQ	JVM	JVM	4	MAX	Java Virtual Machine	16
AGE	BINARY	INQ	JVM	AGE	4	AVG	Number of seconds since the pooled JVM was initialised	28
ALLOCAGE	BINARY	INQ	JVM	ALLOCAGE	4	AVG	Number of seconds pooled JVM has been allocated to task	40
CLASSCACHEST	CVDAS	INQ	JVM	CLASSCACHEST	4	LIKE	Class cache status	44

Table 598. JVM resource table attributes (continued)								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
CLASSCACHEST Output valid values	<ul style="list-style-type: none"> <li>• CLASSCACHE</li> <li>• NOCLASSCACHE</li> </ul>							
EXECKEY	CVDAS	INQ	JVM	EXECKEY	4	LIKE	Execution key of the pooled JVM	32
EXECKEY Output valid values	<ul style="list-style-type: none"> <li>• CICSEXECKEY</li> <li>• USEREXECKEY</li> </ul>							
PHASINGOUTST	CVDAS	INQ	JVM	PHASINGOUTST	4	LIKE	Phasing out status	48
PHASINGOUTST Output valid values	<ul style="list-style-type: none"> <li>• PHASEOUT</li> <li>• NOPHASEOUT</li> </ul>							
PROFILE	CHAR	INQ	JVM	PROFILE	8	DIFF	Profile used to initialise the pooled JVM	20
REUSEST	CVDAS	INQ			4	LIKE	JVM reuse status	52
REUSEST Output valid values	<ul style="list-style-type: none"> <li>• REUSE</li> <li>• NOREUSE</li> <li>• RESET</li> </ul>							
TASK	DECIMAL	INQ	JVM	TASK	4	AVG	Task to which the pooled JVM is allocated	36



# Chapter 263. JVMPOOL Resource Table

A CICS Resource that provides information about the pool of JVMs in the CICS address space. This resource is not supported in CICS TS 5.1 and later versions.

The following actions are supported:

- SET**  
Set a CICS system attribute according to the new value you specify in an overtyp field.
- DISABLE**  
Set the pool status to disabled.
- ENABLE**  
Set the pool status to enabled.
- FORCE**  
Terminate all tasks using JVMs in the pool by the CICS SET TASK FORCEPURGE mechanism.
- PHASEOUT**  
Mark JVMs for deletion.
- PURGE**  
Terminate all tasks using JVMs in the pool by the CICS SET TASK PURGE mechanism.
- START**  
Start one or more JVMs using the specified JVM profile and execution key.

- External resource name(CMCI)**  
CICSJVMPool
- Object type**  
CICS Resource
- Length**  
1272
- Usage**  
API, WUI, CICS Management Client Interface(CMCI), EVALDEF
- API view**  
Yes
- CMAS context**  
No
- SCOPE applies**  
Yes
- Only query CMASs in workload**  
No
- Copybook identifier**  
EYUt0114
- CICS Commands subject to CICS Security**  
INQUIRE JVMPOOL

Table 599. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A

Table 599. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	DISABLE	None	N/A
	PHASEOUT	JVMPROFILE(value)	No
	PURGE	JVMPROFILE(value)	No
	FORCEPURGE	JVMPROFILE(value)	No
	START	EXECKEY(CICSEXECKEY, USEREXECKEY)	Yes
		JVMCOUNT(value)	Yes
		JVMPROFILE(value)	Yes

Table 600. JVMPOOL resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		12
JVMLVL0TRACE	CHAR	INQ	JVMPOOL	JVMLVL0TRACE	240	DIFF	Yes	JVM LVL0 Trace control		56
JVMLVL1TRACE	CHAR	INQ	JVMPOOL	JVMLVL1TRACE	240	DIFF	Yes	JVM LVL1 Trace control		296
JVMLVL2TRACE	CHAR	INQ	JVMPOOL	JVMLVL2TRACE	240	DIFF	Yes	JVM LVL2 Trace control		536
JVMUSERTRACE	CHAR	INQ	JVMPOOL	JVMUSERTRACE	240	DIFF	Yes	JVM USER Trace control		776
PHASINGOUT	BINARY	INQ	JVMPOOL	PHASINGOUT	4	AVG	No	Number of Java virtual machines (JVM) for removal		16
PROFILEDIR	CHAR	INQ	JVMPOOL		240	DIFF	No	JVM profile directory	E640 E650	1032
SJGCURRCACHE	BINARY	STAT	DFHSGJDS	SJG_CURRENT_CACHE_JVMS	4	AVG	No	Current pooled (class cache) JVMs		1016
SJGCURRJVMS	BINARY	STAT	DFHSGJDS	SJG_CURRENT_JVMS	4	AVG	No	Number of current JVMs		28
SJGPEAKCACHE	BINARY	STAT	DFHSGJDS	SJG_PEAK_CACHE_JVMS	4	AVG	No	Peak pooled (class cache) JVMs		1020
SJGPEAKJVMS	BINARY	STAT	DFHSGJDS	SJG_PEAK_JVMS	4	AVG	No	Peak number of JVMs		32
SJGREQSCACHE	BINARY	STAT	DFHSGJDS	SJG_JVM_REQS_RESET	4	AVG	No	JVM requests - class cache		1024
SJGREQSINIT	BINARY	STAT	DFHSGJDS	SJG_JVM_REQS_INIT	4	AVG	No	Number of JVM requests with JVM initialised		44
SJGREQSMISMA	BINARY	STAT	DFHSGJDS	SJG_JVM_REQS_MISMATCH	4	AVG	No	Number of JVM requests with JVM mismatch		48
SJGREQSRESET	BINARY	STAT			4	AVG	No	Number of JVM requests with JVM reset	E650 +	1028
SJGREQSREUSE	BINARY	STAT	DFHSGJDS	SJG_JVM_REQS_REUSE	4	AVG	No	Number of JVM requests with JVM reuse		40
SJGREQSTERMI	BINARY	STAT	DFHSGJDS	SJG_JVM_REQS_TERMINATE	4	AVG	No	Number of JVM requests with JVM terminated		52
SJGREQSTOTAL	BINARY	STAT	DFHSGJDS	SJG_JVM_REQS_TOTAL	4	AVG	No	Total number of JVM program requests		36

Table 600. JVMPOOL resource table attributes (continued)										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
STATUS	CVDAS	INQ	JVMPOOL	STATUS	4	LIKE	Yes	Status of Java virtual machine (JVM) pool		20
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>									
TOTAL	BINARY	INQ	JVMPOOL	TOTAL	4	AVG	No	Number of pre-initialized Java virtual machines		24



## Chapter 264. JVMPROF Resource Table

A CICS Resource that provides information about a JVM profile. This resource is not supported in CICS TS 5.1 and later versions.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSJVMProfile

### Object type

CICS Resource

### Length

384

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0138

### CICS Commands subject to CICS Security

INQUIRE JVMPROFILE

Table 601. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 602. JVMPROF resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		12
NAME-1	CHAR	INQ	JVMPROFILE	JVMPROFILE	8	DIFF	Name as used in a program definition		16
CCURPROFUSE	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_CURR_PRO FILE_USE	4	AVG	Current JVM profile CICS key use count		296
CJVMDESTRSOS	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_JVMS_DEST ROYED_SOS	4	AVG	Times JVMs CICS key destroyed by 'SOS' action		360
CJVMHEAPHWM	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_JVM_HEAP_ HWM	4	AVG	Heap peak for CICS key JVMs		352

Table 602. JVMPROF resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
CJVMUNRESET	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_JVMS_UNR ESETTABLE	4	AVG	Number of CICS key JVMs not resettable	E650 +	320
CLASSCACHEST	CVDAS	INQ	JVMPROFILE	CLASSCACHEST	4	LIKE	Class cache status		280
CLASSCACHEST Output valid values	<ul style="list-style-type: none"> <li>CLASSCACHE</li> <li>NOCLASSCACHE</li> </ul>								
CLEHEAPHWM	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_LE_HEAP_H WM	4	AVG	Peak Language Environment heap used (CICS key)		344
CMISMAVICTIM	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_MISMATCH _VICTIM	4	AVG	Number of times CICS key mismatch victim		336
CMISMSTEALER	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_MISMATCH _STEALER	4	AVG	Number of times CICS key mismatch stealer		328
CNEWJVMSCRT	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_NEW_JVMS _CREATED	4	AVG	New CICS key JVMs created		312
CPEAKPROFUSE	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_PEAK_PRO FILE_USE	4	AVG	Peak JVM profile CICS key use count		304
CPROFILEREQS	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_PROFILE_R EQUESTS	4	AVG	JVM profile CICS key request count		288
CPROFXMXVALU	CHAR	STAT	SJR_PROFILE_M ODE_STATS	SJR_PROFILE_X MX_VALUE	8	DIFF	JVM profile CICS -Xmx value		368
HFSNAME	CHAR	INQ	JVMPROFILE	HFSNAME	255	DIFF	Full path name of the zFS file		24
REUSEST	CVDAS	INQ			4	LIKE	JVM reuse status		284
REUSEST Output valid values	<ul style="list-style-type: none"> <li>REUSE</li> <li>NOREUSE</li> <li>RESET</li> </ul>								
UCURPROFUSE	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_CURR_PRO FILE_USE	4	AVG	Current JVM profile USER key use count		300
UJVMDESTRSOS	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_JVMS_DEST ROYED_SOS	4	AVG	Times JVMs USER key destroyed by 'SOS' action		364
UJVMHEAPHWM	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_JVM_HEAP_ HWM	4	AVG	Heap peak for user key JVMs		356
UJVMUNRESET	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_JVMS_UNR ESETTABLE	4	AVG	Number of USER key JVMs not resettable	E650 +	324
ULEHEAPHWM	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_LE_HEAP_H WM	4	AVG	Peak Language Environment heap used (USER key)		348
UMISMAVICTIM	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_MISMATCH _VICTIM	4	AVG	Number of times USER key mismatch victim		340
UMISMSTEALER	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_MISMATCH _STEALER	4	AVG	Number of times USER key mismatch stealer		332
UNEWJVMSCRT	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_NEW_JVMS _CREATED	4	AVG	New USER key JVMs created		316
UPEAKPROFUSE	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_PEAK_PRO FILE_USE	4	AVG	Peak JVM profile USER key use count		308
UPROFILEREQS	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_PROFILE_R EQUESTS	4	AVG	JVM profile USER key request count		292
UPROFXMXVALU	CHAR	STAT	SJR_PROFILE_M ODE_STATS	SJR_PROFILE_X MX_VALUE	8	DIFF	JVM profile USER -Xmx value		376

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# Chapter 265. JVMSErv Resource Table

A CICS resource that provides information about an installed JVM server.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**DISABLE**

Disable the JVMSErv resource to stop the JVM server runtime environment.

**DISCARD**

Discard the JVMSErv resource definition. The resource must be disabled.

**ENABLE**

Enable the JVMSErv resource to start the JVM server runtime environment.

**JVMDIAG**

Gather JVM diagnostics.

**JVMDUMP**

Take a JVM dump - a Javacore dump, a Java heap dump or a Java snaptrace.

**LIBDUMP**

Run the Liberty server dump command on the associated JVMSErv.

**LIBREFAPPL**

Refresh Liberty application resources.

**LIBREFCONFIG**

Refresh Liberty configuration resources.

**OSGIREFPKG**

Refreshes packages in the JVMSErv's OSGI framework.

**SET**

Set a CICS system attribute according to the new value you specify in an ovrtype field.

**External resource name(CMCI)**

CICSJVMServ

**Object type**

CICS Resource

**Length**

2328

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0194

**CICS Commands subject to CICS Security**

INQUIRE JVMSErv

Table 603. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	PURGETYPE(PHASEOUT, PURGE, FORCEPURGE, KILL)	No
	DISCARD	None	N/A
	JVMDUMP	DUMPTYPE(ALL, JAVACORE, HEAP, SNAPTRACE)	Yes
	JVMDIAG	None	N/A
	OSGIREFPKG	None	N/A
	LIBREFCONFIG	None	N/A
	LIBREFAPPL	APPID(value)	Yes
		APPIDLEN(value)	Yes
	LIBDUMP	None	N/A

Table 604. JVMSESV resource table attributes											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
NAME-1	CHAR	INQ	JVMSESV	JVMSESV	8	DIF F	No	JVM server name			16
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0		88
CHANGEAGENT	CVDAS	INQ	JVMSESV	CHANGEAGENT	4	LIKE	No	Last modification agent			40
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> <li>• SYSTEM</li> </ul>										
CHANGEAGREL	CHAR	INQ	JVMSESV	CHANGEAGREL	4	DIF F	No	Last modification agent release			44
CHANGETIME	DATETIME	INQ	JVMSESV	CHANGETIME	8	MAX	No	Last modification time			48
CHANGEUSRID	CHAR	INQ	JVMSESV	CHANGEUSRID	8	DIF F	No	Last modification user ID			32
CURRENTHEAP	BINARY	INQ	JVMSESV	CURRENTHEAP	8	MAX	No	Current Heap size		E640 E650 E660	144
DEFINESOURCE	CHAR	INQ	JVMSESV	DEFINESOURCE	8	DIF F	No	Source of the resource definition			56



Table 604. JVMSESV resource table attributes (continued)											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
DEFINETIME	DATETIME	INQ	JVMSESV	DEFINETIME	8	MAX	No	Creation time			64
ENABLESTATUS	CVDAS	CPSM	JVMSESV	ENABLESTATUS	4	LIKE	Yes	Enable status			24
ENABLESTATUS Input/output valid values	<ul style="list-style-type: none"> <li>ENABLED</li> <li>DISABLED</li> </ul>										
ENABLESTATUS Output valid values	<ul style="list-style-type: none"> <li>ENABLING</li> <li>DISABLING</li> <li>DISCARDING</li> </ul>										
GCPOLICY	CHAR	INQ	JVMSESV	GCPOLICY	32	MIN	No	The garbage collection policy		E640 E650 E660	152
INITHEAP	BINARY	INQ	JVMSESV	INITHEAP	8	MIN	No	Initial Heap size		E640 E650 E660	184
INSTALLAGENT	CVDAS	INQ	JVMSESV	INSTALLAGENT	4	LIKE	No	Installation agent		E640 E650	28
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>CSDAPI</li> <li>CREATESPI</li> <li>GRPLIST</li> <li>BUNDLE</li> <li>SYSTEM</li> </ul>										
INSTALLTIME	DATETIME	INQ	JVMSESV	INSTALLTIME	8	MAX	No	Installation time			80
INSTALLUSRID	CHAR	INQ	JVMSESV	INSTALLUSRID	8	DIF F	No	Installation user ID			72
JAVAHOME	CHAR	INQ	JVMSESV	JAVAHOME	255	DIF F	No	Java installation home directory		E640 E650 E660 E670 E680 E690 E700 E710 E720	791
JVMPROFILE	CHAR	INQ	JVMSESV	JVMPROFILE	8	MIN	No	JVM profile name			89
LERUNOPTS	CHAR	INQ	JVMSESV	LERUNOPTS	8	MIN	No	LE runtime options program			97
LOG	CHAR	INQ	JVMSESV	LOG	255	DIF F	No	JVM log file		E640 E650 E660 E670 E680 E690 E700 E710 E720	1811
MAXHEAP	BINARY	INQ	JVMSESV	MAXHEAP	8	MAX	No	Maximum Heap size		E640 E650 E660	192
OCCUPANCY	BINARY	INQ	JVMSESV	OCCUPANCY	8	MAX	No	Heap occupancy		E640 E650 E660	200
PEAKHEAP	BINARY	STAT	DFHJSJSDS	SJS_JVMSESV ER_PEAK_HEAP	8	MAX	No	Peak Heap size		E640 E650 E660	248
PID	BINARY	INQ	JVMSESV	PID	4	MIN	No	JVM process id		E640 E650 E660	208

Table 604. JVMSESV resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Offset
PROFILE	CHAR	INQ	JVMSESV	PROFILE	255	DIF	No	JVM profile file		E640 E650 E660 E670 E680 E690 E700 E710 E720	536
PROFILEDIR	CHAR	INQ	JVMSESV	PROFILEDIR	240	DIF	No	JVM profile directory		E640 E650 E660 E670	296
SRVCRTTMEGMT	DATETIME	STAT	DFHSJSDS	SJS_JVMSESV ER_JVM_CREA TION_GMT	8	MIN	No	JVM creation time (GMT)		E640 E650 E660	232
SRVCRTTMELCL	DATETIME	STAT	DFHSJSDS	SJS_JVMSESV ER_JVM_CREA TION_LCL	8	MIN	No	JVM creation time (Local time)		E640 E650 E660	240
SRVGCMJRCNT	BINARY	STAT	DFHSJSDS	SJS_JVMSESV ER_MJR_GC_E VENTS	4	MAX	No	Number of major garbage collection events		E640 E650 E660	256
SRVGCMJRCPU	BINARY	STAT	DFHSJSDS	SJS_JVMSESV ER_MJR_GC_C PU	8	MAX	No	Total CPU used by major garbage collection		E640 E650 E660	260
SRVGCMJRFRD	BINARY	STAT	DFHSJSDS	SJS_JVMSESV ER_MJR_HEA P_FREED	8	MAX	No	Heap freed by major garbage collection		E640 E650 E660	268
SRVGCMNRCNT	BINARY	STAT	DFHSJSDS	SJS_JVMSESV ER_MNR_GC_ EVENTS	4	MAX	No	Number of minor garbage collection events		E640 E650 E660	276
SRVGCMNRCPU	BINARY	STAT	DFHSJSDS	SJS_JVMSESV ER_MNR_GC_ CPU	8	MAX	No	Total CPU used by minor garbage collection		E640 E650 E660	280
SRVGCMNRFRD	BINARY	STAT	DFHSJSDS	SJS_JVMSESV ER_MNR_HEA P_FREED	8	MAX	No	Heap freed by minor garbage collection		E640 E650 E660	288
SRVSYSTHCNT	BINARY	STAT	DFHSJSDS	SJS_JVMSESV ER_SYS_USE_ COUNT	4	MAX	No	JVM server system thread use count		E640 E650 E660	212
SRVSYSTHDWT	BINARY	STAT	DFHSJSDS	SJS_JVMSESV ER_SYS_WAIT ED	4	MAX	No	Number of system thread waits		E640 E650 E660	216
SRVSYSTHNWT	BINARY	STAT	DFHSJSDS	SJS_JVMSESV ER_SYS_WAIT _CUR	4	MAX	No	Number of tasks waiting for a system thread		E640 E650 E660	224
SRVSYSTHPWT	BINARY	STAT	DFHSJSDS	SJS_JVMSESV ER_SYS_WAIT _HWM	4	MAX	No	Peak number of waiting system threads		E640 E650 E660	228
SRVSYSTHWTT	BINARY	STAT	DFHSJSDS	SJS_JVMSESV ER_SYS_WAIT ED_TIME	4	MAX	No	Total system thread waiting time		E640 E650 E660	220
SRVTHRCURR	BINARY	STAT	DFHSJSDS	SJS_JVMSESV ER_THREAD_C URRENT	4	AVG	No	Current number of threads			116
SRVTHRHWM	BINARY	STAT	DFHSJSDS	SJS_JVMSESV ER_THREAD_ HWM	4	AVG	No	Peak number of threads			120
SRVTHRWAITS	BINARY	STAT	DFHSJSDS	SJS_JVMSESV ER_THREAD_ WAITS	4	AVG	No	Number of thread waits			124

Table 604. JVMSESV resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Offset
SRVTHRWCURR	BINARY	STAT	DFHSJSDS	SJS_JVMSESV ER_THREAD_ WAIT_CUR	4	AVG	No	Current number of waiting threads			136
SRVTHRWHWM	BINARY	STAT	DFHSJSDS	SJS_JVMSESV ER_THREAD_ WAIT_HWM	4	AVG	No	Peak number of waiting threads			140
SRVTHRWTIME	SCLOCK	STAT	DFHSJSDS	SJS_JVMSESV ER_THREAD_ WAIT_TIME	8	AVG	No	Total thread waiting time			128
SRVUSECOUNT	BINARY	STAT	DFHSJSDS	SJS_JVMSESV ER_USE_CO UNT	4	SUM	No	JVM server task count			112
STDERR	CHAR	INQ	JVMSESV	STDERR	255	DIF F	No	JVM standard error file		E640 E650 E660 E670 E680 E690 E700 E710 E720	1301
STDOUT	CHAR	INQ	JVMSESV	STDOUT	255	DIF F	No	JVM standard out file		E640 E650 E660 E670 E680 E690 E700 E710 E720	1046
THREADLIMIT	BINARY	INQ	JVMSESV	THREADLIMIT	4	MAX	Yes	Maximum number of threads			108
TRACE	CHAR	INQ	JVMSESV	TRACE	255	DIF F	No	JVM trace file		E640 E650 E660 E670 E680 E690 E700 E710 E720	1556
WORKDIR	CHAR	INQ	JVMSESV	WORKDIR	255	DIF F	No	JVM working directory		E640 E650 E660 E670 E680 E690 E700 E710 E720	2066



# Chapter 266. JVMSVDEF Resource Table

A CICS definition that describes a JVM server.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported.

**CREATE**

Create a JVMSERVER resource that represents the JVM server in CICS.

**INSTALL**

Install a JVMSERVER resource so that the JVM server is available in CICS.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionJVMServer

**Object type**

CICS Definition

**Length**

168

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3841

**CICS Commands subject to CICS Security**

INQUIRE JVMSERVER

Table 605. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No

Table 605. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 606. JVMSVDEF FEEDBACK error codes		
Value	Code	Description
1	JVMSVDEF_INV_DATA	Attribute data invalid
2	JVMSVDEF_REC_NOT_FOUND	Requested resource not found
4	JVMSVDEF_REC_EXISTS	Resource already exists
5	JVMSVDEF_REC_CHANGED	Resource definition already changed
6	JVMSVDEF_INV_RESTYPE	Invalid resource type
7	JVMSVDEF_INV_VER	Invalid resource version
11	JVMSVDEF_NON_MP	Maintenance point CMAS not available
12	JVMSVDEF_INV_CONTEXT	Context not found
13	JVMSVDEF_INCONSISTENT_SET	Inconsistent set condition
14	JVMSVDEF_INV_RESGROUP	Resource group not found
21	JVMSVDEF_INV_ACTION	Invalid action
22	JVMSVDEF_INV_RECADDR	Invalid record address
23	JVMSVDEF_INV_RECLEN	Invalid record length
24	JVMSVDEF_DIFF_VERSION	Different version
25	JVMSVDEF_EARLY_NAMELIST_END	Early name list end
26	JVMSVDEF_INV_NAMELIST	Invalid name list
27	JVMSVDEF_INV_NAME	Invalid name
28	JVMSVDEF_INV_MINNAME	Invalid minor name

Table 606. JVMSVDEF FEEDBACK error codes (continued)

Value	Code	Description
29	JVMSVDEF_NOTIFY	Notify
30	JVMSVDEF_PARTIAL_INSTALL	Partial install
31	JVMSVDEF_NOTHING_INSTALLED	Nothing installed
32	JVMSVDEF_NO_TARGETS	No targets
33	JVMSVDEF_NO_RELATED	No related systems
34	JVMSVDEF_INV_TSCOPE	Invalid target scope
35	JVMSVDEF_INV_RSCOPE	Invalid related scope
36	JVMSVDEF_INV_USAGE	Invalid usage
37	JVMSVDEF_INV_MODE	Invalid mode
38	JVMSVDEF_INV_STATECHK	Invalid state check
39	JVMSVDEF_INV_FORCEINS	Invalid force install
40	JVMSVDEF_INV_NOTIFY	Invalid notify
41	JVMSVDEF_INV_OVERTYPE	Invalid over type
42	JVMSVDEF_INV_OVRBLOCK	Invalid override block
43	JVMSVDEF_INV_ORSTRING	Invalid override string
44	JVMSVDEF_INV_STRNGTERM	Invalid string term
45	JVMSVDEF_INV_EMBEDTERM	Invalid embedded terminator
46	JVMSVDEF_INV_ATTRIBUTE	Invalid attribute
47	JVMSVDEF_INV_LITERAL	Invalid literal
48	JVMSVDEF_INV_ORSTGNA	Invalid override string
49	JVMSVDEF_SCOPE_REQUIRED	Scope required
50	JVMSVDEF_USAGE_CONFLICT	Usage conflict
51	JVMSVDEF_NODEFS_SELECTED	No definitions selected
52	JVMSVDEF_MORE_THAN_1_RELSYS	More than one related system
53	JVMSVDEF_MISSING_RELSYSID	Missing related system identifier
54	JVMSVDEF_SCOPE_CONFLICT	Scope conflict
55	JVMSVDEF_INV_CSDGROUP	Invalid CSD group
56	JVMSVDEF_REC_NOT_REMOVED	Record not removed
57	JVMSVDEF_INV_RESOURCE	Invalid resource
58	JVMSVDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	JVMSVDEF_PARTIAL_ACTION	Partial action
60	JVMSVDEF_NOTHING_ACTIONED	Nothing actioned
61	JVMSVDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	JVMSVDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	JVMSVDEF_CSD_ERROR	CSD access error

Table 607. JVM SVDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				37
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		36
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	160
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				16
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		156
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				95
JVMPROFILE	CHAR	CPSM	8	Yes	DIFF	JVM profile name				69
LERUNOPTS	CHAR	CPSM	8	No	DIFF	LE runtime options program	DFHAXRO			84
STATUS	CVDAS	CPSM	4	Yes	LIKE	Enabled Status	ENABLED			80
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>									
THREADLIMIT	CHAR	CPSM	3	No	DIFF	Maximum number of threads	15	1-256		92
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				45
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				53
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				61



# Chapter 267. LIBDEF Resource Table

A CICS definition that describes a dynamic LIBRARY

The **Primary** key fields for this resource class are NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**ADDTOGRP**

Add the LIBRARY to the resource group.

**CREATE**

Create a LIBRARY definition and add it to the data repository.

**GET**

Get the LIBRARY definition.

**INSTALL**

Install a LIBRARY definition in an active system.

**REMOVE**

Remove a LIBRARY definition from the data repository.

**UPDATE**

Update a LIBRARY definition and add it to the data repository.

**External resource name(CMCI)**

CICSDefinitionLIBRARY

**Object type**

CICS Definition

**Length**

856

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3837

**CICS Commands subject to CICS Security**

INQUIRE LIBRARY

Table 608. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No

Table 608. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
CREATE		CSDGROUP(value)	No
		RESGROUP(value)	No
		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
		ADDTGRP	Yes
		CSDINSTALL	N/A
		CSDCOPY	No
		AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 609. LIBDEF FEEDBACK error codes		
Value	Code	Description
1	LIBDEF_INV_DATA	Attribute data invalid
2	LIBDEF_REC_NOT_FOUND	Requested resource not found
4	LIBDEF_REC_EXISTS	Resource already exists
5	LIBDEF_REC_CHANGED	Resource definition already changed
6	LIBDEF_INV_RESTYPE	Invalid resource type
7	LIBDEF_INV_VER	Invalid resource version
11	LIBDEF_NON_MP	Maintenance point CMAS not available
12	LIBDEF_INV_CONTEXT	Context not found
13	LIBDEF_INCONSISTENT_SET	Inconsistent set condition
14	LIBDEF_INV_RESGROUP	Resource group not found
21	LIBDEF_INV_ACTION	Invalid action
22	LIBDEF_INV_RECADDR	Invalid record address
23	LIBDEF_INV_RECLEN	Invalid record length

Table 609. LIBDEF FEEDBACK error codes (continued)

Value	Code	Description
24	LIBDEF_DIFF_VERSION	Different version
25	LIBDEF_EARLY_NAMELIST_END	Early name list end
26	LIBDEF_INV_NAMELIST	Invalid name list
27	LIBDEF_INV_NAME	Invalid name
28	LIBDEF_INV_MINNAME	Invalid minor name
29	LIBDEF_NOTIFY	Notify
30	LIBDEF_PARTIAL_INSTALL	Partial install
31	LIBDEF_NOTHING_INSTALLED	Nothing installed
32	LIBDEF_NO_TARGETS	No targets
33	LIBDEF_NO_RELATED	No related systems
34	LIBDEF_INV_TSCOPE	Invalid target scope
35	LIBDEF_INV_RSCOPE	Invalid related scope
36	LIBDEF_INV_USAGE	Invalid usage
37	LIBDEF_INV_MODE	Invalid mode
38	LIBDEF_INV_STATECHK	Invalid state check
39	LIBDEF_INV_FORCEINS	Invalid force install
40	LIBDEF_INV_NOTIFY	Invalid notify
41	LIBDEF_INV_OVERTYPE	Invalid over type
42	LIBDEF_INV_OVRBLOCK	Invalid override block
43	LIBDEF_INV_ORSTRING	Invalid override string
44	LIBDEF_INV_STRNGTERM	Invalid string term
45	LIBDEF_INV_EMBEDTERM	Invalid embedded terminator
46	LIBDEF_INV_ATTRIBUTE	Invalid attribute
47	LIBDEF_INV_LITERAL	Invalid literal
48	LIBDEF_INV_ORSTGNA	Invalid override string
49	LIBDEF_SCOPE_REQUIRED	Scope required
50	LIBDEF_USAGE_CONFLICT	Usage conflict
51	LIBDEF_NODEFS_SELECTED	No definitions selected
52	LIBDEF_MORE_THAN_1_RELSYS	More than one related system
53	LIBDEF_MISSING_RELSYSID	Missing related system identifier
54	LIBDEF_SCOPE_CONFLICT	Scope conflict
55	LIBDEF_INV_CSDGROUP	Invalid CSD group
56	LIBDEF_REC_NOT_REMOVED	Record not removed
57	LIBDEF_INV_RESOURCE	Invalid resource
58	LIBDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	LIBDEF_PARTIAL_ACTION	Partial action

Table 609. LIBDEF FEEDBACK error codes (continued)

Value	Code	Description
60	LIBDEF_NOTHING_ACTIONED	Nothing actioned
61	LIBDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	LIBDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	LIBDEF_CSD_ERROR	CSD access error

Table 610. LIBDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	848
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				752
CRITICAL	EYUDA	CPSM	4	Yes	LIKE	Critical status	NO			36
CRITICAL Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		844
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				784
DSNAME01	CHAR	CPSM	44	No	DIFF	Data set name 01				46
DSNAME02	CHAR	CPSM	44	No	DIFF	Data set name 02				90
DSNAME03	CHAR	CPSM	44	No	DIFF	Data set name 03				134
DSNAME04	CHAR	CPSM	44	No	DIFF	Data set name 04				178
DSNAME05	CHAR	CPSM	44	No	DIFF	Data set name 05				222
DSNAME06	CHAR	CPSM	44	No	DIFF	Data set name 06				266
DSNAME07	CHAR	CPSM	44	No	DIFF	Data set name 07				310
DSNAME08	CHAR	CPSM	44	No	DIFF	Data set name 08				354
DSNAME09	CHAR	CPSM	44	No	DIFF	Data set name 09				398
DSNAME10	CHAR	CPSM	44	No	DIFF	Data set name 10				442
DSNAME11	CHAR	CPSM	44	No	DIFF	Data set name 11				486
DSNAME12	CHAR	CPSM	44	No	DIFF	Data set name 12				530
DSNAME13	CHAR	CPSM	44	No	DIFF	Data set name 13				574
DSNAME14	CHAR	CPSM	44	No	DIFF	Data set name 14				618

Table 610. LIBDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
DSNAME15	CHAR	CPSM	44	No	DIFF	Data set name 15				662
DSNAME16	CHAR	CPSM	44	No	DIFF	Data set name 16				706
RANKING	CHAR	CPSM	2	Yes	MIN	Ranking	50	1-99		44
STATUS	EYUDA	CPSM	4	Yes	LIKE	Enabled status	ENABLED			40
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				760
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				768
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				776



# Chapter 268. LIBDSN Resource Table

A CICS definition that describes the data sets that make up a LIBRARY concatenation.

The **Primary** key field for this resource class is LIBRARY.

The **Secondary** key field for this resource class is DSNUM.

**Note:** The PLATFORM, APPLICATION, APPLMAJORVER, APPLMINORVER, and APPLMICROVER parameters are all required when the GET operation is in the context of an application that is deployed on a platform.

**External resource name(CMCI)**

CICSLIBRARYDataSetName

**Object type**

CICS Resource

**Length**

88

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0173

**CICS Commands subject to CICS Security**

INQUIRE LIBRARY

Table 611. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		APPLICATION(value)	No
		APPLMAJORVER(value)	No
		APPLMICROVER(value)	No
		APPLMINORVER(value)	No
		PLATFORM(value)	No

Table 612. LIBDSN resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12

Table 612. LIBDSN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
<b>LIBRARY-1</b>	CHAR	INQ	LIBRARY	LIBRARY	8	DIFF	LIBRARY name	16
<b>DSNUM-2</b>	BINARY	INQ			4	MAX	LIBRARY data set number	24
DSNAME	CHAR	INQ			44	DIFF	Data set name	28
DSNSEARCHPOS	CNUMERIC	CPSM			8	MAX	Data set search enumerator	72
SEARCHPOS	BINARY	INQ			4	MAX	Search position	80



# Chapter 269. LIBINGRP Resource Table

A CPSM Business Application Services definition that describes the membership of a LIBRARY definition (LIBDEF) in a resource group (RESGROUP). A LIBDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is LIBGROUP.

The **Secondary** key field for this resource class is LIBNAME.

The **Tertiary** key field for this resource class is LIBVER.

The following actions are supported:

**GET**

Get the name of the LIBRARY.

**CREATE**

Create an association between a LIBRARY definition and a resource group.

**REMOVE**

Remove an association between a LIBRARY definition and a resource group, from the data repository

**Object type**

CICSplex SM Definition

**Length**

56

**Usage**

API, Batch Utility, WUI

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt6182

**Security Class**

BAS.DEF

Table 613. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 614. LIBINGRP FEEDBACK error codes		
Value	Code	Description
1	LIBINGRP_INV_DATA	Attribute data invalid

Table 614. LIBINGRP FEEDBACK error codes (continued)

Value	Code	Description
2	LIBINGRP_REC_NOT_FOUND	Requested resource not found
4	LIBINGRP_REC_EXISTS	Resource already exists
6	LIBINGRP_INV_RESTYPE	Invalid resource type
7	LIBINGRP_INV_VER	Invalid resource version
11	LIBINGRP_NON_MP	Maintenance point CMAS not available
12	LIBINGRP_INV_CONTEXT	Context not found
21	LIBINGRP_INCONSISTENT_SET	Inconsistent set
22	LIBINGRP_DIFF_VERSION	Different version
23	LIBINGRP_INV_NAME	Invalid name
24	LIBINGRP_INV_MINNAME	Invalid minor name

Table 615. LIBINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
<b>LIBGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
<b>LIBNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Connection definition name	44
<b>LIBVER-3</b>	BINARY	CPSM	1	Yes	AVG	Connection definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 270. LIBRARY Resource Table

A CICS resource that describes a LIBRARY in an active system being managed by CICSplex SM

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**DISABLE**

Disable the LIBRARY.

**DISCARD**

Remove the installed LIBRARY.

**ENABLE**

Enable the LIBRARY.

These actions require no unique parameter data.

**Note:** The PLATFORM, APPLICATION, APPLMAJORVER, APPLMINORVER, and APPLMICROVER parameters are all required when the GET operation is in the context of an application that is deployed on a platform.

**External resource name(CMCI)**

CICSLIBRARY

**Object type**

CICS Resource

**Length**

112

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0172

**CICS Commands subject to CICS Security**

INQUIRE LIBRARY

Table 616. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		APPLICATION(value)	No
		APPLMAJORVER(value)	No
		APPLMICROVER(value)	No
		APPLMINORVER(value)	No
		PLATFORM(value)	No

Table 616. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
SET		None	N/A
PERFORM SET	DISABLE	None	N/A
	ENABLE	None	N/A
	DISCARD	None	N/A

Table 617. LIBRARY resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
NAME-1	CHAR	INQ	LIBRARY	LIBRARY	8	DIF F	No	LIBRARY name			16
BASDEFINER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	108
CHANGEAGENT	CVDAS	INQ	LIBRARY	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650	56
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>CSDAPI</li> <li>CSEBATCH</li> <li>DREPAPI</li> <li>OVERRIDE</li> <li>DREPBTCH</li> <li>SYSTEM</li> <li>CREATESPI</li> <li>NOTAPPLIC</li> </ul>										
CHANGEAGREL	CHAR	INQ	LIBRARY	CHANGEAGREL	4	DIF F	No	Last modification agent release		E640 E650	60
CHANGETIME	DATETIME	INQ	LIBRARY	CHANGETIME	8	MAX	No	Last modification time		E640 E650	64
CHANGEUSRID	CHAR	INQ	LIBRARY	CHANGEUSRID	8	DIF F	No	Last modification user ID		E640 E650	48
CRITSTATUS	CVDAS	INQ	LIBRARY	CRITICALST	4	LIKE	Yes	Critical status			28
CRITSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>CRITICAL</li> <li>NONCRITICAL</li> </ul>										
DEFINESOURCE	CHAR	INQ	LIBRARY	DEFINESOURCE	8	DIF F	No	Source of the resource definition		E640 E650	72
DEFINETIME	DATETIME	INQ	LIBRARY	DEFINETIME	8	MAX	No	Creation time		E640 E650	80
ENABLESTATUS	CVDAS	INQ	LIBRARY	ENABLESTATUS	4	LIKE	Yes	Enable status			32
ENABLESTATUS Input/output valid values	<ul style="list-style-type: none"> <li>DISABLED</li> <li>ENABLED</li> </ul>										
ENABLESTATUS Output valid values	<ul style="list-style-type: none"> <li>DISABLING</li> <li>ENABLING</li> <li>DISCARDING</li> </ul>										

Table 617. LIBRARY resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
INSTALLAGENT	CVDas	INQ	LIBRARY	INSTALLAGENT	4	LIKE	No	Installation agent		E640 E650	104
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• SYSTEM</li> <li>• GRPLIST</li> <li>• BUNDLE</li> </ul>										
INSTALLTIME	DATETIME	INQ	LIBRARY	INSTALLTIME	8	MAX	No	Installation time		E640 E650	96
INSTALLUSRID	CHAR	INQ	LIBRARY	INSTALLUSRID	8	DIF	No	Installation user ID		E640 E650	88
NUMDSNAMES	BINARY	INQ	LIBRARY	NUMDSNAMES	4	SUM	No	Number of DSNAMES			36
PGMLOADCNT	BINARY	STAT	DFHLDBDS	LDB_LIBRARY_PROG_LOADS	4	SUM	No	Program load count			44
RANKING	BINARY	INQ	LIBRARY	RANKING	4	MIN	Yes	Ranking			24
SEARCHPOS	BINARY	INQ	LIBRARY	SEARCHPOS	4	MAX	No	Search position			40



# Chapter 271. LNKSMSCG Resource Table

A CPSM Topology Definition that describes the link between a CICS system group and a monitor specification (MONSPEC). LNKSMSCG objects are used to generate multiple implicit linkages of CICS systems that are members of the named system group to a MONSPEC.

The **Primary** key field for this resource class is SPEC.

The **Secondary** key field for this resource class is GROUP.

There are no object specific actions for this resource class.

From the batched-repository update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

**External resource name(CMCI)**

CICSMonitorSpecificationsToSystemGroup

**Object type**

CICSplex SM Definition

**Length**

56

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt5633

**Security Class**

MONITOR.DEF

Table 618. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		FORCE	No
		NONE	No
		NULL	No
REMOVE		KEEP	Yes
		NONE	Yes
PERFORM SET	CHGSPEC	FORCE	Yes
		KEEP	Yes
		NAME	Yes

Table 618. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
		NEW_SPECNAME(value)	Yes
		NULL	Yes

Table 619. LNKSMSCG FEEDBACK error codes		
Value	Code	Description
1	LNKSMSCG_INV_DATA	Attribute data invalid
2	LNKSMSCG_REC_NOT_FOUND	Requested resource not found
3	LNKSMSCG_INV_REFERENCE	Attribute references an invalid resource
4	LNKSMSCG_REC_EXISTS	Association already exists
6	LNKSMSCG_SPEC_NOT_FOUND	Specification name not found
7	LNKSMSCG_UNK_OLDSPEC	Unknown old specification name
8	LNKSMSCG_UNK_NEWSPEC	Unknown new specification name
9	LNKSMSCG_UNK_SPECNAME	Specification name does not exist
10	LNKSMSCG_INV_OLDSPEC	Invalid old specification name
11	LNKSMSCG_INV_NEWSPEC	Invalid new specification name
12	LNKSMSCG_MISSING_QUE	Missing queue
13	LNKSMSCG_LNKASSOC_EXISTS	Different association exists

Table 620. LNKSMSCG resource table attributes							
Name	Datatype	Source	Len	Req	Sum	Description	Offset
<b>SPEC-1</b>	CHAR	CPSM	8	Yes	DIFF	Monitor specification	36
<b>GROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	System group	44
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16



# Chapter 272. LNKSMSCS Resource Table

A CPSM Topology Definition that describes the link between a CICS system and a monitor specification (MONSPEC). LNKSMSCS objects can be created via an explicit reference to a CICS system or implicitly via a LNKSMSCG object.

The **Primary** key field for this resource class is SPEC.

The **Secondary** key field for this resource class is SYSTEM.

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

For information about LNKsSCS records, see [Special attribute and resource table considerations](#).

**External resource name(CMCI)**

CICSMonitorSpecificationsToSystem

**Object type**

CICSplex SM Definition

**Length**

64

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt5634

**Security Class**

MONITOR.DEF

Table 621. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A
PERFORM SET	CHGSPEC	NEW_SPECNAME(value)	Yes

Table 622. LNKSMSCS FEEDBACK error codes

Value	Code	Description
1	LNKSMSCS_INV_DATA	Attribute data invalid

Table 622. LNKSMSCS FEEDBACK error codes (continued)

Value	Code	Description
2	LNKSMSCS_REC_NOT_FOUND	Requested resource not found
3	LNKSMSCS_INV_REFERENCE	Attribute references an invalid resource
4	LNKSMSCS_REC_EXISTS	Association already exists
6	LNKSMSCS_SPEC_NOT_FOUND	Specification name not found
7	LNKSMSCS_UNK_OLDSPEC	Unknown old specification name
8	LNKSMSCS_UNK_NEWSPEC	Unknown new specification name
9	LNKSMSCS_UNK_SPECNAME	Specification name does not exist
10	LNKSMSCS_INV_OLDSPEC	Invalid old specification name
11	LNKSMSCS_INV_NEWSPEC	Invalid new specification name
12	LNKSMSCS_MISSING_QUE	Missing queue
13	LNKSMSCS_LNKASSOC_EXISTS	Different association exists

Table 623. LNKSMSCS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Offset
<b>SPEC-1</b>	CHAR	CPSM	8	Yes	DIFF	Monitor specification		36
<b>SYSTEM-2</b>	CHAR	CPSM	8	Yes	DIFF	CICS system		44
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent		8
CHANGEAGENT Input/output valid values	• DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release		32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification		0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID		24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created		16
GROUP	CHAR	CPSM	8	No	DIFF	System group that MONSPEC was inherited from		56
LINK	EYUDA	CPSM	4	No	LIKE	Creation mode	EXPLICIT	52
LINK Input/output valid values	<ul style="list-style-type: none"> <li>• INHERIT</li> <li>• EXPLICIT</li> </ul>							

# Chapter 273. LNKSRSCG Resource Table

A CPSM Topology Definition that describes the link between a CICS system group and an analysis specification (RTASPEC). LNKSRSCG objects are used to generate multiple implicit linkages of CICS systems that are members of the named system group to an RTASPEC.

The **Primary** key field for this resource class is SPEC.

The **Secondary** key field for this resource class is GROUP.

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

**External resource name(CMCI)**

CICSRTASpecificationsToSystemGroup

**Object type**

CICSplex SM Definition

**Length**

56

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt5635

**Security Class**

ANALYSIS.DEF

Table 624. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		FORCE	No
		NONE	No
		NULL	No
REMOVE		KEEP	Yes
		NONE	Yes
PERFORM SET	CHGSPEC	FORCE	Yes
		KEEP	Yes
		NAME	Yes

Table 624. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
		NEW_SPECNAME(value)	Yes
		NULL	Yes

Table 625. LNKSRSRG FEEDBACK error codes		
Value	Code	Description
1	LNKSRSRG_INV_DATA	Attribute data invalid
2	LNKSRSRG_REC_NOT_FOUND	Requested resource not found
3	LNKSRSRG_INV_REFERENCE	Attribute references an invalid resource
4	LNKSRSRG_REC_EXISTS	Association already exists
6	LNKSRSRG_SPEC_NOT_FOUND	Specification name not found
7	LNKSRSRG_UNK_OLDSPEC	Unknown old specification name
8	LNKSRSRG_UNK_NEWSPEC	Unknown new specification name
9	LNKSRSRG_UNK_SPECNAME	Specification name does not exist
10	LNKSRSRG_INV_OLDSPEC	Invalid old specification name
11	LNKSRSRG_INV_NEWSPEC	Invalid new specification name
12	LNKSRSRG_MISSING_QUE	Missing queue
13	LNKSRSRG_LNKASSOC_EXISTS	Different association exists

Table 626. LNKSRSRG resource table attributes							
Name	Datatype	Source	Len	Req	Sum	Description	Offset
<b>SPEC-1</b>	CHAR	CPSM	8	Yes	DIFF	RTA specification	36
<b>GROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	System group	44
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 274. LNKSRSCS Resource Table

A CPSM Topology Definition that describes the link between a CICS system and an analysis specification (RTASPEC). LNKSRSCS objects can be created via an explicit reference to a CICS system or implicitly via a LNKSRSCG object.

The **Primary** key field for this resource class is SPEC.

The **Secondary** key field for this resource class is SYSTEM.

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

For information about LNKSRSCS records, see [Special attribute and resource table considerations](#).

**External resource name(CMCI)**

CICSRTASpecificationsToSystem

**Object type**

CICSplex SM Definition

**Length**

64

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt5636

**Security Class**

ANALYSIS.DEF

Table 627. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A
PERFORM SET	CHGSPEC	NEW_SPECNAME(value)	Yes

Table 628. LNKSRSCS FEEDBACK error codes

Value	Code	Description
1	LNKSRSCS_INV_DATA	Attribute data invalid

Table 628. LNKSRSRCS FEEDBACK error codes (continued)

Value	Code	Description
2	LNKSRSRCS_REC_NOT_FOUND	Requested resource not found
3	LNKSRSRCS_INV_REFERENCE	Attribute references an invalid resource
4	LNKSRSRCS_REC_EXISTS	Association already exists
6	LNKSRSRCS_SPEC_NOT_FOUND	Specification name not found
7	LNKSRSRCS_UNK_OLDSPEC	Unknown old specification name
8	LNKSRSRCS_UNK_NEWSPEC	Unknown new specification name
9	LNKSRSRCS_UNK_SPECNAME	Specification name does not exist
10	LNKSRSRCS_INV_OLDSPEC	Invalid old specification name
11	LNKSRSRCS_INV_NEWSPEC	Invalid new specification name
12	LNKSRSRCS_MISSING_QUE	Missing queue
13	LNKSRSRCS_LNKASSOC_EXISTS	Different association exists

Table 629. LNKSRSRCS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Offset
<b>SPEC-1</b>	CHAR	CPSM	8	Yes	DIFF	RTA specification		36
<b>SYSTEM-2</b>	CHAR	CPSM	8	Yes	DIFF	CICS system		44
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent		8
CHANGEAGENT Input/output valid values	• DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release		32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification		0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID		24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created		16
GROUP	CHAR	CPSM	8	No	DIFF	System group RTA specification was inherited from		56
LINK	EYUDA	CPSM	4	No	LIKE	Creation mode	EXPLICIT	52
LINK Input/output valid values	• INHERIT • EXPLICIT							

# Chapter 275. LNKSWSCG Resource Table

A CPSM Topology Definition that describes the link between a CICS system group and a workload specification (WLMSPEC). LNKSWSCG objects are used to generate multiple implicit linkages of CICS systems that are members of the named system group to a WLMSPEC. Only CICS systems that are to act as terminal owning regions (TORs) should be linked to a WLMSPEC.

The **Primary** key field for this resource class is SPEC.

The **Secondary** key field for this resource class is GROUP.

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

**External resource name(CMCI)**

CICSWLMSpecificationsToSystemGroup

**Object type**

CICSplex SM Definition

**Length**

56

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt5637

**Security Class**

WORKLOAD.DEF

Table 630. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		FORCE	No
		NONE	No
		NULL	No
REMOVE		KEEP	Yes
		NONE	Yes
PERFORM SET	CHGSPEC	FORCE	Yes
		KEEP	Yes

Table 630. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
		NAME	Yes
		NEW_SPECNAME(value)	Yes
		NULL	Yes

Table 631. LNKSWSCG FEEDBACK error codes		
Value	Code	Description
1	LNKSWSCG_INV_DATA	Attribute data invalid
2	LNKSWSCG_REC_NOT_FOUND	Requested resource not found
3	LNKSWSCG_INV_REFERENCE	Attribute references an invalid resource
4	LNKSWSCG_REC_EXISTS	Association already exists
6	LNKSWSCG_SPEC_NOT_FOUND	Specification name not found
7	LNKSWSCG_UNK_OLDSPEC	Unknown old specification name
8	LNKSWSCG_UNK_NEWSPEC	Unknown new specification name
9	LNKSWSCG_UNK_SPECNAME	Specification name does not exist
10	LNKSWSCG_INV_OLDSPEC	Invalid old specification name
11	LNKSWSCG_INV_NEWSPEC	Invalid new specification name
12	LNKSWSCG_MISSING_QUE	Missing queue
13	LNKSWSCG_LNKASSOC_EXISTS	Different association exists

Table 632. LNKSWSCG resource table attributes							
Name	Datatype	Source	Len	Req	Sum	Description	Offset
<b>SPEC-1</b>	CHAR	CPSM	8	Yes	DIFF	WLM specification	36
<b>GROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	System group	44
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16



# Chapter 276. LNKSWSCS Resource Table

A CPSM Topology Definition that describes the link between a CICS system and a workload specification (WLMSPEC). LNKSWSCS objects can be created via an explicit reference to a CICS system or implicitly via a LNKSWSCG object. Only CICS systems that are to act as terminal owning regions (TORs) should be linked to a WLMSPEC.

The **Primary** key field for this resource class is SPEC.

The **Secondary** key field for this resource class is SYSTEM.

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

For information about LNKSwSCS records, see [Special attribute and resource table considerations](#).

**External resource name(CMCI)**

CICSWLMSpecificationsToSystem

**Object type**

CICSplex SM Definition

**Length**

64

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt5638

**Security Class**

WORKLOAD.DEF

Table 633. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A
PERFORM SET	CHGSPEC	NEW_SPECNAME(value)	Yes

Table 634. LNKSWSCS FEEDBACK error codes		
Value	Code	Description
1	LNKSWSCS_INV_DATA	Attribute data invalid

Table 634. LNKSWSGS FEEDBACK error codes (continued)

Value	Code	Description
2	LNKSWSGS_REC_NOT_FOUND	Requested resource not found
3	LNKSWSGS_INV_REFERENCE	Attribute references an invalid resource
4	LNKSWSGS_REC_EXISTS	Association already exists
6	LNKSWSGS_SPEC_NOT_FOUND	Specification name not found
7	LNKSWSGS_UNK_OLDSPEC	Unknown old specification name
8	LNKSWSGS_UNK_NEWSPEC	Unknown new specification name
9	LNKSWSGS_UNK_SPECNAME	Specification name does not exist
10	LNKSWSGS_INV_OLDSPEC	Invalid old specification name
11	LNKSWSGS_INV_NEWSPEC	Invalid new specification name
12	LNKSWSGS_MISSING_QUE	Missing queue
13	LNKSWSGS_LNKASSOC_EXISTS	Different association exists

Table 635. LNKSWSGS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Offset
<b>SPEC-1</b>	CHAR	CPSM	8	Yes	DIFF	WLM specification		36
<b>SYSTEM-2</b>	CHAR	CPSM	8	Yes	DIFF	CICS system		44
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent		8
CHANGEAGENT Input/output valid values	• DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release		32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification		0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID		24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created		16
GROUP	CHAR	CPSM	8	No	DIFF	System group WLM specification was inherited from		56
LINK	EYUDA	CPSM	4	No	LIKE	Creation mode	EXPLICIT	52
LINK Input/output valid values	• INHERIT • EXPLICIT							

## Chapter 277. LOADACT Resource Table

A CICS Resource that provides CICS loader activity by dynamic storage area in an active system being managed by CICSplex SM.

The **Primary** key field for this resource class is LDGDSAINDEX.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSLoaderByDSA

### Object type

CICS Resource

### Length

136

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0128

### CICS Commands subject to CICS Security

COLLECT STATISTICS

Table 636. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 637. LOADACT resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		12
<b>LDGDSAINDEX-1</b>	CHAR	CPSM			8	DIFF	DSA index		16
ALOADTIME	INT16US	CPSM			4	AVG	Average program load time		88
ALOADWAIT	INT16US	CPSM			4	AVG	Average waiting time for program loads		96
ANIUQDSA	INTTSTP	CPSM			8	AVG	Average age on DSA Not-In-Use (NIU) queue		120
LDGDPSCR	BINARY	STAT	LDGDSASTAT	LDGDPSCR	4	AVG	Number of programs removed from DSA by compression		72

Table 637. LOADACT resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
LDGDPST	INTTSTP	STAT	LDGDSASTAT	LDGDPST	8	AVG	Total time for DSA programs on Not-In-Use queue		80
LDGDREBS	BINARY	STAT	LDGGLOBAL	LDGDREBS	4	AVG	Number of successful load retries		52
LDGHWMT	BINARY	STAT	LDGGLOBAL	LDGHWMT	4	AVG	Number of times loader waiting requests peaked		44
LDGLLR	BINARY	STAT	LDGGLOBAL	LDGLLR	4	AVG	Number of library load requests		24
LDGLLRRO	BINARY	STAT	LDGGLOBAL	LDGLLRRO	4	AVG	Number of library load requests on the RO TCB	E640 E650 E660 E670	128
LDGLLT	INT16US	STAT	LDGGLOBAL	LDGLLT	4	AVG	Total time taken for all program loads		28
LDGLLTRO	INT16US	STAT	LDGGLOBAL	LDGLLTRO	4	AVG	Time taken to load programs on the RO TCB	E640 E650 E660 E670	132
LDGPROGNIU	BINARY	STAT	LDGDSASTAT	LDGPROGNIU	4	AVG	Number of programs on Not-In-Use (NIU) queue		64
LDGPUSES	BINARY	STAT	LDGGLOBAL	LDGPUSES	4	AVG	Number of program uses		32
LDGRECNUI	BINARY	STAT	LDGDSASTAT	LDGRECNUI	4	AVG	Number of DSA reclaims from Not-In-Use (NIU) queue		68
LDGSTGNIU	BINARY	STAT	LDGDSASTAT	LDGSTGNIU	4	AVG	Size of DSA occupied by Not-In-Use (NIU) programs		60
LDGTTW	INT16US	STAT	LDGGLOBAL	LDGTTW	4	AVG	Total time spent waiting for loader		48
LDGWLR	BINARY	STAT	LDGGLOBAL	LDGWLR	4	AVG	Number of loader requests waiting		36
LDGWLRRHW	BINARY	STAT	LDGGLOBAL	LDGWLRRHW	4	AVG	Peak number of waiting loader requests		40
LDGWTDLR	BINARY	STAT	LDGGLOBAL	LDGWTDLR	4	AVG	Number of loader requests that waited		56
LOADRATE	RATE3	CPSM			8	AVG	Rate of program loading		104
PDSANUI	PERCENT3	CPSM			4	AVG	Percentage of DSA held by Not-In-Use programs		112
PLOADWAIT	PERCENT3	CPSM			4	AVG	Percentage of waits to program uses		100
PSTGNIU	PERCENT3	CPSM			4	AVG	Percentage Not-In-Use of DSAs above/below 16MB		116
TLOADWAIT	BINARY	CPSM			4	AVG	Total waiting time for program loads		92

## Chapter 278. LOADER Resource Table

A CICS Resource that provides CICS loader information in an active system being managed by CICSplex SM.

The LOADER resource class does not provide an explicit key attribute. The set of object instances returned is a function of the scope in effect when the request is made.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSLoader

**Object type**

CICS Resource

**Length**

344

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0134

**CICS Commands subject to CICS Security**

COLLECT STATISTICS

Table 638. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 639. LOADER resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		12
ALOADTIME	INT16US	CPSM			4	AVG	Average load time		200
ALOADWAIT	INT16US	CPSM			4	AVG	Average waiting time for program loads		208
ANIUQCDSA	INTTSTP	CPSM			8	AVG	Average age on CDSA Not-In-Use (NIU) queue		232
ANIUQECDSA	INTTSTP	CPSM			8	AVG	Average age on ECDSA Not-In-Use (NIU) queue		248

Table 639. LOADER resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
ANIUQERDSA	INTTSTP	CPSM			8	AVG	Average age on ERDSA Not-In-Use (NIU) queue		312
ANIUQESDSA	INTTSTP	CPSM			8	AVG	Average age on ESDSA Not-In-Use (NIU) queue		280
ANIUQRDSA	INTTSTP	CPSM			8	AVG	Average age on RDSA Not-In-Use (NIU) queue		296
ANIUQSDSA	INTTSTP	CPSM			8	AVG	Average age on SDSA Not-In-Use (NIU) queue		264
LDGDPSCRC	BINARY	STAT	LDGDSASTAT	LDGDPSCR	4	AVG	Number of CDSA programs removed by compression		64
LDGDPSCREC	BINARY	STAT	LDGDSASTAT	LDGDPSCR	4	AVG	Number of ECDSA programs removed by compression		92
LDGDPSCRER	BINARY	STAT	LDGDSASTAT	LDGDPSCR	4	AVG	Number of ERDSA programs removed by compression		188
LDGDPSCRES	BINARY	STAT	LDGDSASTAT	LDGDPSCR	4	AVG	Number of ESDSA programs removed by compression		140
LDGDPSCRR	BINARY	STAT	LDGDSASTAT	LDGDPSCR	4	AVG	Number of RDSA programs removed by compression		164
LDGDPSCRS	BINARY	STAT	LDGDSASTAT	LDGDPSCR	4	AVG	Number of SDSA programs removed by compression		116
LDGDPSCCTC	INTTSTP	STAT	LDGDSASTAT	LDGDPSCCT	8	AVG	Total time for CDSA programs on Not-In-Use queue		72
LDGDPSCTEC	INTTSTP	STAT	LDGDSASTAT	LDGDPSCCT	8	AVG	Total time for ECDSA programs on Not-In-Use queue		96
LDGDPSCTER	INTTSTP	STAT	LDGDSASTAT	LDGDPSCCT	8	AVG	Total time for ERDSA programs on Not-In-Use queue		192
LDGDPSCTES	INTTSTP	STAT	LDGDSASTAT	LDGDPSCCT	8	AVG	Total time for ESDSA programs on Not-In-Use queue		144
LDGDPSTR	INTTSTP	STAT	LDGDSASTAT	LDGDPSCCT	8	AVG	Total time for RDSA programs on Not-In-Use queue		168
LDGDPSCTS	INTTSTP	STAT	LDGDSASTAT	LDGDPSCCT	8	AVG	Total time for SDSA programs on Not-In-Use queue		120
LDGDREBS	BINARY	STAT	LDGGLOBAL	LDGDREBS	4	AVG	Number of successful load retries		44
LDGHWMT	BINARY	STAT	LDGGLOBAL	LDGHWMT	4	AVG	Number of times waiting loader requests peaked		36
LDGLBSOU	BINARY	STAT	LDGGLOBAL	LDGLBSOU	4	AVG	LIBRARY search order updates	E640	320
LDGLLR	BINARY	STAT	LDGGLOBAL	LDGLLR	4	AVG	Number of LIBRARY load requests		16
LDGLLRRO	BINARY	STAT	LDGGLOBAL	LDGLLRRO	4	AVG	Number of library load requests on the RO TCB	E640 E650 E660 E670	332
LDGLLT	INT16US	STAT	LDGGLOBAL	LDGLLT	4	AVG	Total time for all loads		20
LDGLLTRO	INT16US	STAT	LDGGLOBAL	LDGLLTRO	4	AVG	Time taken to load programs on the RO TCB	E640 E650 E660 E670	336

Table 639. LOADER resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
LDGLSORT	BINARY	STAT	LDGGLOBAL	LDGLSORT	4	AVG	LIBRARY search order update time	E640	328
LDGLWSOU	BINARY	STAT	LDGGLOBAL	LDGLWSOU	4	AVG	Load requests waited due to search order update	E640	324
LDGPROGNIUC	BINARY	STAT	LDGDSASTAT	LDGPROGNIU	4	AVG	Number of CDSA programs on Not-In-Use (NIU) queue		56
LDGPROGNIUEC	BINARY	STAT	LDGDSASTAT	LDGPROGNIU	4	AVG	Number of ECDSA programs on Not-In-Use (NIU) queue		84
LDGPROGNIUER	BINARY	STAT	LDGDSASTAT	LDGPROGNIU	4	AVG	Number of ERDSA programs on Not-In-Use (NIU) queue		180
LDGPROGNIUES	BINARY	STAT	LDGDSASTAT	LDGPROGNIU	4	AVG	Number of ESDSA programs on Not-In-Use (NIU) queue		132
LDGPROGNIUR	BINARY	STAT	LDGDSASTAT	LDGPROGNIU	4	AVG	Number of RDSA programs on Not-In-Use (NIU) queue		156
LDGPROGNIUS	BINARY	STAT	LDGDSASTAT	LDGPROGNIU	4	AVG	Number of SDSA programs on Not-In-Use (NIU) queue		108
LDGPUSES	BINARY	STAT	LDGGLOBAL	LDGPUSES	4	AVG	Number of program uses		24
LDGRECNIUC	BINARY	STAT	LDGDSASTAT	LDGRECNIU	4	AVG	Number of CDSA reclaims from Not-In-Use queue		60
LDGRECNIUEC	BINARY	STAT	LDGDSASTAT	LDGRECNIU	4	AVG	Number of ECDSA reclaims from Not-In-Use queue		88
LDGRECNIUER	BINARY	STAT	LDGDSASTAT	LDGRECNIU	4	AVG	Number of ERDSA reclaims from Not-In-Use queue		184
LDGRECNIUES	BINARY	STAT	LDGDSASTAT	LDGRECNIU	4	AVG	Number of ESDSA reclaims from Not-In-Use queue		136
LDGRECNIUR	BINARY	STAT	LDGDSASTAT	LDGRECNIU	4	AVG	Number of RDSA reclaims from Not-In-Use queue		160
LDGRECNIUS	BINARY	STAT	LDGDSASTAT	LDGRECNIU	4	AVG	Number of SDSA reclaims from Not-In-Use queue		112
LDGSTGNIUC	BINARY	STAT	LDGDSASTAT	LDGSTGNIU	4	AVG	Size of CDSA occupied by Not-In-Use (NIU) programs		52
LDGSTGNIUEC	BINARY	STAT	LDGDSASTAT	LDGSTGNIU	4	AVG	Size of ECDSA occupied by Not-In-Use programs		80
LDGSTGNIUER	BINARY	STAT	LDGDSASTAT	LDGSTGNIU	4	AVG	Size of ERDSA occupied by Not-In-Use programs		176
LDGSTGNIUES	BINARY	STAT	LDGDSASTAT	LDGSTGNIU	4	AVG	Size of ESDSA occupied by Not-In-Use programs		128
LDGSTGNIUR	BINARY	STAT	LDGDSASTAT	LDGSTGNIU	4	AVG	Size of RDSA occupied by Not-In-Use (NIU) programs		152
LDGSTGNIUS	BINARY	STAT	LDGDSASTAT	LDGSTGNIU	4	AVG	Size of SDSA occupied by Not-In-Use (NIU) programs		104
LDGTTW	INT16US	STAT	LDGGLOBAL	LDGTTW	4	AVG	Total time spent waiting for loader		40
LDGWLR	BINARY	STAT	LDGGLOBAL	LDGWLR	4	AVG	Number of loader requests waiting		28
LDGWLRRHW	BINARY	STAT	LDGGLOBAL	LDGWLRRHW	4	AVG	Peak number of waiting loader requests		32
LDGWTDLR	BINARY	STAT	LDGGLOBAL	LDGWTDLR	4	AVG	Number of loader requests that waited		48

Table 639. LOADER resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Description	Get Invali d	Offse t
LOADRATE	RATE3	CPSM			8	AVG	Rate of program loading		216
PCDSANIU	PERCENT3	CPSM			4	AVG	Percentage of CDSA held by Not-In-Use programs		224
PECDSANIU	PERCENT3	CPSM			4	AVG	Percentage of ECDSA held by Not-In-Use programs		240
PERDSANIU	PERCENT3	CPSM			4	AVG	Percentage of ERDSA held by Not-In-Use programs		304
PESDSANIU	PERCENT3	CPSM			4	AVG	Percentage of ESDSA held by Not-In-Use programs		272
PLOADWAIT	PERCENT3	CPSM			4	AVG	Percentage of waits to program uses		212
PRDSANIU	PERCENT3	CPSM			4	AVG	Percentage of RDSA held by Not-In-Use programs		288
PSDSANIU	PERCENT3	CPSM			4	AVG	Percentage of SDSA held by Not-In-Use programs		256
PSTGNIUC	PERCENT3	CPSM			4	AVG	Percentage Not-In-Use of DSAs below 16MB in CDSA		228
PSTGNIUEC	PERCENT3	CPSM			4	AVG	Percent Not-In-Use of DSAs above 16MB in ECDSA		244
PSTGNIUER	PERCENT3	CPSM			4	AVG	Percentage Not-In-Use of DSAs above 16MB in ERDSA		308
PSTGNIUES	PERCENT3	CPSM			4	AVG	Percent Not-In-Use of DSAs above 16MB in ESDSA		276
PSTGNIUR	PERCENT3	CPSM			4	AVG	Percentage Not-In-Use of DSAs below 16MB in RDSA		292
PSTGNIUS	PERCENT3	CPSM			4	AVG	Percentage Not-In-Use of DSAs below 16MB in SDSA		260
TLOADWAIT	BINARY	CPSM			4	AVG	Total waiting time for program loads		204



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# Chapter 279. LOCFILE Resource Table

A CICS Resource that describes a local file in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is FILE.

The following actions are supported:

**CLOSE**

Close a local file.

The parameter data for the CLOSE action is:

```
PARM( ' BUSY(cvda) . ' )
```

where *cvda* is required and is one of the following valid CVDA values for the file busy condition:

WAIT  
NOWAIT  
FORCE

**DISABLE**

Disable a local file.

The parameter data for the DISABLE action is:

```
PARM( ' BUSY(cvda) . ' )
```

where *cvda* is required and is one of the following valid CVDA values for the file busy condition:

WAIT  
NOWAIT  
FORCE

**DISCARD**

Discard a local file.

**ENABLE**

Enable a local file.

**OPEN**

Open a local file.

**External resource name(CMCI)**

CICSLocalFile

**Object type**

CICS Resource

**Length**

368

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0009

**Security Class**

OPERATE.FILE

**CICS Commands subject to CICS Security**

EXTRACT STATISTICS

INQUIRE FILE

*Table 640. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	CLOSE	BUSY(WAIT, NOWAIT, FORCE)	Yes
	DISABLE	BUSY(WAIT, NOWAIT, FORCE)	Yes
	DISCARD	None	N/A
	ENABLE	None	N/A
	OPEN	None	N/A

*Table 641. LOCFILE resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF	No	CICS System Name				0
EYU_CICSREL	CHAR	CPSM			4	DIF	No	CICS Release				8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved				12
<b>FILE-1</b>	CHAR	INQ			8	DIF	No	File ID				16
ACCESSMETHOD	CVDAS	INQ	FILE	ACCESSMETHOD	4	LIKE	No	Access method				24
ACCESSMETHOD Output valid values	<ul style="list-style-type: none"> <li>• VSAM</li> <li>• BDAM</li> <li>• DB2</li> <li>• REMOTE</li> </ul>											
ADD	CVDAS	INQ	FILE	ADD	4	LIKE	Yes	Add option				28
ADD Input/output valid values	<ul style="list-style-type: none"> <li>• ADDABLE</li> <li>• NOTADDABLE</li> </ul>											
ADD Output valid values	<ul style="list-style-type: none"> <li>• NOTAPPLIC</li> </ul>											
ADDCNT	BINARY	STAT	DFHA17DS	A17DSWRA	4	AVG	No	Number of WRITE requests				228
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0		E640 E650	364
BASEDSNAME	CHAR	INQ	FILE	BASEDSNAME	44	DIF	No	Base data set name				32

Table 641. LOCFILE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
BLOCKFORMAT	CVDAS	INQ	FILE	BLOCKFORMAT	4	LIKE	No	Block format (BDAM only)				76
BLOCKFORMAT Output valid values	<ul style="list-style-type: none"> <li>BLOCKED</li> <li>UNBLOCKED</li> <li>NOTAPPLIC</li> </ul>											
BLOCKKEYLN	CNUMERIC	INQ	FILE	BLOCKKEYLEN	4	MAX	No	Block key length (BDAM only)				80
BLOCKSIZE	CNUMERIC	INQ	FILE	BLOCKSIZE	4	MAX	No	Block size (BDAM only)				84
BROWSE	CVDAS	INQ	FILE	BROWSE	4	LIKE	Yes	Browse option				88
BROWSE Input/ output valid values	<ul style="list-style-type: none"> <li>BROWSABLE</li> <li>NOTBROWSABLE</li> </ul>											
BROWSE Output valid values	<ul style="list-style-type: none"> <li>NOTAPPLIC</li> </ul>											
BROWSECNT	BINARY	STAT	DFHA17DS	A17DSBR	4	AVG	No	The number of READNEXT and READPREV requests				224
BROWUPDCNT	BINARY	STAT			4	AVG	No	Number of browse for update requests				284
CHANGEAGENT	CVDAS	INQ			4	LIKE	No	Last modification agent			E640 E650	312
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>CSDAPI</li> <li>CSDBATCH</li> <li>DREPAPI</li> <li>OVERRIDE</li> <li>DREPBATCH</li> <li>TABLE</li> <li>SYSTEM</li> <li>CREATESPI</li> <li>NOTAPPLIC</li> </ul>											
CHANGEAGREL	CHAR	INQ			4	DIFF	No	Last modification agent release			E640 E650	316
CHANGETIME	DATETIME	INQ			8	MAX	No	Last modification time			E640 E650	320
CHANGEUSRID	CHAR	INQ			8	DIFF	No	Last modification user ID			E640 E650	304
DATASETTYPE	CHAR	STAT	DFHA17DS	A17DSTYP	1	DIFF	No	Data set type				282
DEFINESOURCE	CHAR	INQ			8	DIFF	No	Source of the resource definition			E640 E650	328
DEFINETIME	DATETIME	INQ			8	MAX	No	Creation time			E640 E650	336

Table 641. LOCFILE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
DELETE	CVDAS	INQ	FILE	DELETE	4	LIKE	Yes	Delete option				92
DELETE Input/output valid values	<ul style="list-style-type: none"> <li>DELETABLE</li> <li>NOTDELETABLE</li> </ul>											
DELETE Output valid values	<ul style="list-style-type: none"> <li>NOTAPPLIC</li> </ul>											
DEXPCNT	BINARY	STAT	DFHA17DS	A17DSXCP	4	AVG	No	Number of I/O operations for data records				240
DISPOSITION	CVDAS	INQ	FILE	DISPOSITION	4	LIKE	Yes	Disposition of file				96
DISPOSITION Input/output valid values	<ul style="list-style-type: none"> <li>OLD</li> <li>SHARE</li> </ul>											
DISPOSITION Output valid values	<ul style="list-style-type: none"> <li>NOTAPPLIC</li> </ul>											
DSNAME	CHAR	INQ	FILE	DSNAME	44	DIFF	Yes	Data set name				100
EMPTYSTATUS	CVDAS	INQ	FILE	EMPTYSTATUS	4	LIKE	Yes	Empty status				144
EMPTYSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>EMPTYREQ</li> <li>NOEMPTYREQ</li> </ul>											
EMPTYSTATUS Output valid values	<ul style="list-style-type: none"> <li>NOTAPPLIC</li> </ul>											
ENABLESTATUS	CVDAS	INQ	FILE	ENABLESTATUS	4	LIKE	Yes	Enablement status				148
ENABLESTATUS Input/output valid values	<ul style="list-style-type: none"> <li>ENABLED</li> <li>DISABLED</li> </ul>											
ENABLESTATUS Output valid values	<ul style="list-style-type: none"> <li>DISABLING</li> <li>UNENABLED</li> <li>UNENABLING</li> <li>NOTAPPLIC</li> </ul>											
EXCLUSIVE	CVDAS	INQ	FILE	EXCLUSIVE	4	LIKE	Yes	BDAM exclusive control status				152
EXCLUSIVE Input/output valid values	<ul style="list-style-type: none"> <li>EXCTL</li> <li>NOEXCTL</li> <li>NOTAPPLIC</li> </ul>											
FWDRECSTATUS	CVDAS	INQ	FILE	FWDRECSTATUS	4	LIKE	No	Forward recovery option				156
FWDRECSTATUS Output valid values	<ul style="list-style-type: none"> <li>FWDRECOVERABLE</li> <li>NOTFWDRCVBLE</li> <li>NOTAPPLIC</li> </ul>											
GETCNT	BINARY	STAT	DFHA17DS	A17DSRD	4	AVG	No	Number of READ requests				216
GETUPDCNT	BINARY	STAT	DFHA17DS	A17DSGU	4	AVG	No	Number of READ UPDATE requests				220
GMTFILECLS	TIMESTP	STAT	DFHA17DS	A17GCLST	8	MAX	No	GMT file close time				272
GMTFILEOPN	TIMESTP	STAT	DFHA17DS	A17GOPNT	8	MAX	No	GMT file open time				264

Table 641. LOCFILE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
IEXPCNT	BINARY	STAT	DFHA17DS	A17DSIXP	4	AVG	No	Number of I/O operations against index component				244
INSTALLAGENT	CVDAS	INQ			4	LIKE	No	Installation agent			E640 E650	360
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• TABLE</li> <li>• SYSTEM</li> <li>• GRPLIST</li> <li>• BUNDLE</li> </ul>											
INSTALLTIME	DATETIME	INQ			8	MAX	No	Installation time			E640 E650	352
INSTALLUSRID	CHAR	INQ			8	DIFF	No	Installation user ID			E640 E650	344
JOURNALNUM	BINARY	INQ	FILE	JOURNALNUM	2	AVG	No	Journal number				252
KEYLENGTH	BINARY	INQ	FILE	KEYLENGTH	4	AVG	No	Key length				160
KEYPOSITION	BINARY	INQ	FILE	KEYPOSITION	4	AVG	No	Key position				164
LOCDELNT	BINARY	STAT	DFHA17DS	A17DSDEL	4	AVG	No	Number of DELETE requests				236
LSRPOOLID	CNUMERIC	INQ	FILE	LSRPOOLNUM	2	MAX	Yes	LSR Pool number		0-255		256
NUMACTSTRING	BINARY	STAT	DFHA17DS	A17DSASC	2	AVG	No	Number of active strings				262
NUMDATBUFF	BINARY	STAT	DFHA17DS	A17SDSNB	2	AVG	No	Number of data buffers				258
NUMINDEXBUFF	BINARY	STAT	DFHA17DS	A17DSINB	2	AVG	No	Number of index buffers				260
NUMSTRINGWT	BINARY	STAT	DFHA17DS	A17DSASW	2	AVG	No	Current number of string waits				280
OBJECT	CVDAS	INQ	FILE	OBJECT	4	LIKE	No	Data set type (base or path)				168
OBJECT Output valid values	<ul style="list-style-type: none"> <li>• BASE</li> <li>• PATH</li> <li>• NOTAPPLIC</li> </ul>											
OPENSTATUS	CVDAS	INQ	FILE	OPENSTATUS	4	LIKE	Yes	Open status				172
OPENSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• OPEN</li> <li>• CLOSED</li> </ul>											
OPENSTATUS Output valid values	<ul style="list-style-type: none"> <li>• OPENING</li> <li>• CLOSING</li> <li>• CLOSEREQUEST</li> <li>• NOTAPPLIC</li> </ul>											
RBATYPE	CVDAS	INQ			4	LIKE	No	Type of VSAM extended addressing			E640	300

Table 641. LOCFILE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
RBATYPE Output valid values	<ul style="list-style-type: none"> <li>EXTENDED</li> <li>NOTEXTENDED</li> <li>NOTAPPLIC</li> </ul>											
READ	CVDAS	INQ	FILE	READ	4	LIKE	Yes	Read option				176
READ Input/output valid values	<ul style="list-style-type: none"> <li>READABLE</li> <li>NOTREADABLE</li> </ul>											
READ Output valid values	<ul style="list-style-type: none"> <li>NOTAPPLIC</li> </ul>											
READINTEG	CVDAS	INQ			4	LIKE	Yes	Default level of read integrity				288
READINTEG Input/output valid values	<ul style="list-style-type: none"> <li>UNCOMMITTED</li> <li>CONSISTENT</li> <li>REPEATABLE</li> </ul>											
READINTEG Output valid values	<ul style="list-style-type: none"> <li>NOTAPPLIC</li> </ul>											
RECORDFORMAT	CVDAS	INQ	FILE	RECORDFORMAT	4	LIKE	No	Record format				180
RECORDFORMAT Output valid values	<ul style="list-style-type: none"> <li>FIXED</li> <li>VARIABLE</li> <li>UNDEFINED</li> <li>NOTAPPLIC</li> </ul>											
RECORDSIZE	BINARY	INQ	FILE	RECORDSIZE	4	AVG	No	Record size				184
RECOVSTATUS	CVDAS	INQ	FILE	RECOVSTATUS	4	LIKE	No	Recovery status				188
RECOVSTATUS Output valid values	<ul style="list-style-type: none"> <li>RECOVERABLE</li> <li>NOTRECOVERABLE</li> <li>NOTAPPLIC</li> </ul>											
RELTYPE	CVDAS	INQ	FILE	RELTYPE	4	LIKE	No	Relative addressing type (BDAM only)				192
RELTYPE Output valid values	<ul style="list-style-type: none"> <li>HEX</li> <li>DEC</li> <li>BLK</li> <li>NOTAPPLIC</li> </ul>											
RLSACCESS	CVDAS	INQ			4	LIKE	Yes	Record level sharing (RLS) file access mode				292
RLSACCESS Input/output valid values	<ul style="list-style-type: none"> <li>RLS</li> <li>NOTRLS</li> </ul>											
RLSACCESS Output valid values	<ul style="list-style-type: none"> <li>NOTAPPLIC</li> </ul>											
RLSREQWTO	BINARY	STAT			4	AVG	No	Record level sharing (RLS) request wait timeouts				296
STRINGS	CNUMERIC	INQ	FILE	STRINGS	4	MAX	Yes	Number of strings				196
TIMECLOSE	DECTSTP	STAT			4	MAX	No	Local time file was closed				212
TIMEOPEN	DECTSTP	STAT			4	MAX	No	Local time file was opened				208

Table 641. LOCFILE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
UPDATE	CVDAS	INQ			4	LIKE	Yes	Update option				204
UPDATE Input/output valid values	<ul style="list-style-type: none"> <li>• UPDATABLE</li> <li>• NOTUPDATABLE</li> </ul>											
UPDATE Output valid values	<ul style="list-style-type: none"> <li>• NOTAPPLIC</li> </ul>											
UPDATECNT	BINARY	STAT	DFHA17DS	A17DSWRU	4	AVG	No	Number of REWRITE requests				232
VSAMTYPE	CVDAS	INQ	FILE	TYPE	4	LIKE	No	Type of VSAM data set				200
VSAMTYPE Input/output valid values	<ul style="list-style-type: none"> <li>• NOTAPPLIC</li> </ul>											
VSAMTYPE Output valid values	<ul style="list-style-type: none"> <li>• ESDS</li> <li>• KSDS</li> <li>• RRDS</li> <li>• VRRDS</li> <li>• KEYED</li> <li>• NOTKEYED</li> </ul>											
WSTRCCURCNT	BINARY	STAT	DFHA17DS	A17DSHSW	2	AVG	No	Peak number of tasks waiting for a string				254
WSTRCNT	BINARY	STAT	DFHA17DS	A17DSTSW	4	AVG	No	Total requests queued because all strings in use				248





# Chapter 280. LOCTRAN Resource Table

A CICS Resource that describes a local transaction in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is TRANID.

The following actions are supported:

**DISABLE**

Disable a local transaction.

**DISCARD**

Discard a local transaction.

**ENABLE**

Enable a local transaction.

These actions require no unique parameter data.

**External resource name(CMCI)**

CICSLocalTransaction

**Object type**

CICS Resource

**Length**

504

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0022

**Security Class**

OPERATE.TRAN

**CICS Commands subject to CICS Security**

EXTRACT STATISTICS

INQUIRE TRANSACTION

Table 642. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISABLE	None	N/A
	DISCARD	None	N/A

Table 642. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
	ENABLE	None	N/A

Table 643. LOCTRAN FEEDBACK error codes		
Value	Code	Description
1	LOCTRAN_INV_DATA	Attribute data invalid

Table 644. LOCTRAN resource table attributes											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
TRANID-1	CHAR	INQ	TRANSACTION	TRANSACTION	4	DIF F	No	Transaction ID			16
ABENDCNT	BINARY	STAT	DFHXRDS	XMRAENDC	4	SUM	No	The number of transaction abends		E640 E650 E660 E670 E680 E690 E700 E710	500
ACTMISMATS	BINARY	STAT	DFHXRDS	XMRAISM	4	AVG	No	Number of indoubt action mismatches detected			204
APPLICATION	CHAR	INQ	TRANSACTION	APPLICATION	64	DIF F	No	Application Name		E640 E650 E660 E670 E680 E690	289
APPLMAJORVER	BINARY	INQ	TRANSACTION	APPLMAJORVER	4	MAX	No	Major Version		E640 E650 E660 E670 E680 E690	484
APPLMICROVER	BINARY	INQ	TRANSACTION	APPLMICROVER	4	MAX	No	Micro Version		E640 E650 E660 E670 E680 E690	492
APPLMINORVER	BINARY	INQ	TRANSACTION	APPLMINORVER	4	MAX	No	Minor Version		E640 E650 E660 E670 E680 E690	488
AVAILSTATUS	CVDAS	INQ	TRANSACTION	AVAILSTATUS	4	LIKE	No	Availability status		E640 E650 E660 E670 E680 E690	496

Table 644. LOCTRAN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
AVAILSTATUS Output valid values	<ul style="list-style-type: none"> <li>• AVAILABLE</li> <li>• UNAVAILABLE</li> <li>• NONE</li> </ul>										
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	288
BREXIT	CHAR	INQ	TRANSACTION	BREXIT	8	DIFF	No	Bridge exit program name			212
CHANGEAGENT	CVDAS	INQ	TRANSACTION	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650	228
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• SYSTEM</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>										
CHANGEAGREL	CHAR	INQ	TRANSACTION	CHANGEAGREL	4	DIFF	No	Last modification agent release		E640 E650	240
CHANGETIME	DATETIME	INQ	TRANSACTION	CHANGETIME	8	MAX	No	Last modification time		E640 E650	248
CHANGEUSRID	CHAR	INQ	TRANSACTION	CHANGEUSRID	8	DIFF	No	Last modification user ID		E640 E650	232
CMDSEC	CVDAS	INQ	TRANSACTION	CMDSEC	4	LIKE	No	Command level security option			20
CMDSEC Output valid values	<ul style="list-style-type: none"> <li>• CMDSECNO</li> <li>• CMDSECYES</li> </ul>										
DEFINESOURCE	CHAR	INQ	TRANSACTION	DEFINESOURCE	8	DIFF	No	Source of the resource definition		E640 E650	256
DEFINETIME	DATETIME	INQ	TRANSACTION	DEFINETIME	8	MAX	No	Creation time		E640 E650	264
DTB	CVDAS	INQ	TRANSACTION	DTB	4	LIKE	No	Dynamic transaction backout option		E510 +	24
DTB Output valid values	<ul style="list-style-type: none"> <li>• WAIT</li> <li>• COMMIT</li> <li>• BACKOUT</li> </ul>										
DTIMEOUT	BINARY	INQ	TRANSACTION	DTIMEOUT	4	AVG	No	Deadlock timeout (seconds)			28
DUMPING	CVDAS	INQ	TRANSACTION	DUMPING	4	LIKE	Yes	Transaction dump option			32
DUMPING Input/output valid values	<ul style="list-style-type: none"> <li>• TRANDUMP</li> <li>• NOTRANDUMP</li> </ul>										
FACILITYLIKE	CHAR	INQ	TRANSACTION	FACILITYLIKE	4	DIFF	No	Model for virtual terminal			208
FORACTINDTO	BINARY	STAT	DFHXRDS	XMRFAIT	4	AVG	No	Forced actions - indoubt timeout value exceeded			188
FORACTNOWT	BINARY	STAT	DFHXRDS	XMRFANW	4	AVG	No	Forced actions - wait not supported for resources			192

Table 644. LOCTRAN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
FORACTOPER	BINARY	STAT	DFHXRDS	XMRFAOP	4	AVG	No	Forced actions - operator cancelled wait			196
FORACTOTHER	BINARY	STAT	DFHXRDS	XMRFAOT	4	AVG	No	Forced actions - other reasons			200
FORACTTRNDF	BINARY	STAT	DFHXRDS	XMRFATXN	4	AVG	No	Forced actions - in-doubt waiting not supported			184
INDOUBT	CVDAS	INQ	TRANSACTION	INDOUBT	4	LIKE	No	Transaction in-doubt option			172
INDOUBT Output valid values	<ul style="list-style-type: none"> <li>BACKOUT</li> <li>COMMIT</li> </ul>										
INDOUBTMINS	BINARY	INQ	TRANSACTION	INDOUBTMINS	4	AVG	No	In-doubt time (minutes)			176
INDOUBTWAIT	CVDAS	INQ	TRANSACTION	INDOUBTWAIT	4	LIKE	No	In-doubt wait option			168
INDOUBTWAIT Output valid values	<ul style="list-style-type: none"> <li>WAIT</li> <li>NOWAIT</li> </ul>										
INSTALLAGENT	CVDAS	INQ	TRANSACTION	INSTALLAGENT	4	LIKE	No	Installation agent		E640 E650	244
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>CSDAPI</li> <li>CREATESPI</li> <li>SYSTEM</li> <li>GRPLIST</li> <li>BUNDLE</li> </ul>										
INSTALLTIME	DATETIME	INQ	TRANSACTION	INSTALLTIME	8	MAX	No	Installation time		E640 E650	280
INSTALLUSRID	CHAR	INQ	TRANSACTION	INSTALLUSRID	8	DIF	No	Installation user ID		E640 E650	272
ISOLATEST	CVDAS	INQ	TRANSACTION	ISOLATEST	4	LIKE	No	Transaction isolation type			120
ISOLATEST Output valid values	<ul style="list-style-type: none"> <li>ISOLATE</li> <li>NOISOLATE</li> </ul>										
LOCALCNT	BINARY	STAT	DFHXRDS	XMRDLC	4	SUM	No	Number of times transaction run locally by DTR			76
NUMINDOUBWT	BINARY	STAT	DFHXRDS	XMRIWAIT	4	AVG	No	Number of in-doubt waits			180
OPERATION	CHAR	INQ	TRANSACTION	OPERATION	64	DIF	No	Operation Name		E640 E650 E660 E670 E680 E690	417
OTSTIMEOUT	BINARY	INQ			4	AVG	No	Object transaction service (OTS) timeout (seconds)			224
PLATFORM	CHAR	INQ	TRANSACTION	PLATFORM	64	DIF	No	Platform Name		E640 E650 E660 E670 E680 E690	353
PRIORITY	BINARY	INQ	TRANSACTION	PRIORITY	4	AVG	Yes	Transaction priority			36

Table 644. LOCTRAN resource table attributes (continued)											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
PROFILE	CHAR	INQ	TRANSACTION	PROFILE	8	DIF F	No	Transaction profile			84
PROGRAM	CHAR	INQ	TRANSACTION	PROGRAM	8	DIF F	No	First program name			40
PURGEABILITY	CVDAS	INQ	TRANSACTION	PURGEABILITY	4	LIKE	Yes	Purgeability option			48
PURGEABILITY Input/output valid values	<ul style="list-style-type: none"> <li>PURGEABLE</li> <li>NOTPURGEABLE</li> </ul>										
REMOTECNT	BINARY	STAT	DFHXRDS	XMRDRC	4	SUM	No	Number of times transaction run remotely by DTR			112
REMOTENAME	CHAR	INQ	TRANSACTION	REMOTENAME	8	DIF F	No	Remote transaction name			148
REMOTESYSTEM	CHAR	INQ	TRANSACTION	REMOTESYSTEM	4	DIF F	No	Remote system name			156
REMSTARTCNT	BINARY	STAT	DFHXRDS	XMRRSC	4	SUM	No	Number of attempted starts on remote system			116
RESSEC	CVDAS	INQ	TRANSACTION	RESSEC	4	LIKE	No	Resource level security status			92
RESSEC Output valid values	<ul style="list-style-type: none"> <li>RESSECNO</li> <li>RESSECYES</li> </ul>										
RESTARTCNT	BINARY	STAT	DFHXRDS	XMRRRC	4	SUM	No	Number of times transaction restarted			108
ROUTESTATUS	CVDAS	INQ	TRANSACTION	ROUTESTATUS	4	LIKE	No	Route status			220
ROUTESTATUS Output valid values	<ul style="list-style-type: none"> <li>ROUTABLE</li> <li>NOTROUTABLE</li> </ul>										
ROUTING	CVDAS	INQ	TRANSACTION	ROUTING	4	LIKE	No	Routing type			104
ROUTING Output valid values	<ul style="list-style-type: none"> <li>DYNAMIC</li> <li>STATIC</li> </ul>										
RTIMEOUT	BINARY	INQ	TRANSACTION	RTIMEOUT	4	AVG	No	Read timeout (seconds)			52
RUNAWAY	BINARY	INQ	TRANSACTION	RUNAWAY	4	AVG	Yes	Runaway time (milliseconds)			124
RUNAWAYTYPE	CVDAS	INQ	TRANSACTION	RUNAWAYTYPE	4	LIKE	Yes	Source of runaway timeout value			128
RUNAWAYTYPE Input/output valid values	<ul style="list-style-type: none"> <li>SYSTEM</li> <li>USER</li> </ul>										
SCRNSIZE	CVDAS	INQ	TRANSACTION	SCRNSIZE	4	LIKE	No	Screen size			56
SCRNSIZE Output valid values	<ul style="list-style-type: none"> <li>DEFAULT</li> <li>ALTERNATE</li> </ul>										
SHUTDOWN	CVDAS	INQ	TRANSACTION	SHUTDOWN	4	LIKE	Yes	Shutdown run status			132
SHUTDOWN Input/output valid values	<ul style="list-style-type: none"> <li>SHUTDISABLED</li> <li>SHUTENABLED</li> </ul>										
STATUS	CVDAS	INQ	TRANSACTION	STATUS	4	LIKE	Yes	Enabled status			60

Table 644. LOCTRAN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>ENABLED</li> <li>DISABLED</li> </ul>										
STGVCNT	BINARY	STAT	DFHXRDS	XMRVC	4	SUM	No	Number of storage violations			80
STORAGECLEAR	CVDAS	INQ	TRANSACTION	STORAGECLEAR	4	LIKE	No	Storage clearance status			136
STORAGECLEAR Output valid values	<ul style="list-style-type: none"> <li>CLEAR</li> <li>NOCLEAR</li> </ul>										
TASKDATAKEY	CVDAS	INQ	TRANSACTION	TASKDATAKEY	4	LIKE	No	Task data key			100
TASKDATAKEY Output valid values	<ul style="list-style-type: none"> <li>CICSDATAKEY</li> <li>USERDATAKEY</li> </ul>										
TASKDATALOC	CVDAS	INQ	TRANSACTION	TASKDATALOC	4	LIKE	No	Task data location			96
TASKDATALOC Output valid values	<ul style="list-style-type: none"> <li>BELOW</li> <li>ANY</li> </ul>										
TRACING	CVDAS	INQ	TRANSACTION	TRACING	4	LIKE	Yes	Tracing type			64
TRACING Input/output valid values	<ul style="list-style-type: none"> <li>SPECTRACE</li> <li>STANTRACE</li> <li>SPRSTRACE</li> </ul>										
TRANCLASS	CHAR	INQ	TRANSACTION	TRANCLASS	8	DIFF	Yes	Transaction class name			140
TRPROF	CHAR	INQ	TRANSACTION	TRPROF	8	DIFF	No	Transaction routing profile			160
TWASIZE	BINARY	INQ	TRANSACTION	TWASIZE	4	AVG	No	Size in bytes of transaction work area (TWA)			68
USECOUNT	BINARY	STAT	DFHXRDS	XMRAC	4	SUM	No	Number of times transaction used			72

# Chapter 281. LSRDEF Resource Table

A CICS Definition that describes a local shared resource (LSR) pool for use by CICS files.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install an LSR Pool Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionLSRPool

**Object type**

CICS Definition

**Length**

464

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3804

**Security Class**

BAS.REGION

Table 645. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Table 645. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 646. LSRDEF FEEDBACK error codes

Value	Code	Description
1	LSRDEF_INV_DATA	Attribute data invalid
2	LSRDEF_REC_NOT_FOUND	Requested resource not found
4	LSRDEF_REC_EXISTS	Resource already exists
5	LSRDEF_REC_CHANGED	Resource definition already changed
6	LSRDEF_INV_RESTYPE	Invalid resource type
7	LSRDEF_INV_VER	Invalid resource version
11	LSRDEF_NON_MP	Maintenance point CMAS not available
12	LSRDEF_INV_CONTEXT	Context not found
13	LSRDEF_INCONSISTENT_SET	Inconsistent set condition
14	LSRDEF_INV_RESGROUP	Resource group not found
21	LSRDEF_INV_ACTION	Invalid action
22	LSRDEF_INV_RECADDR	Invalid record address
23	LSRDEF_INV_RECLEN	Invalid record length
24	LSRDEF_DIFF_VERSION	Different version
25	LSRDEF_EARLY_NAMELIST_END	Early name list end
26	LSRDEF_INV_NAMELIST	Invalid name list
27	LSRDEF_INV_NAME	Invalid name
28	LSRDEF_INV_MINNAME	Invalid minor name
29	LSRDEF_NOTIFY	Notify
30	LSRDEF_PARTIAL_INSTALL	Partial install



Table 646. LSRDEF FEEDBACK error codes (continued)

Value	Code	Description
31	LSRDEF_NOTHING_INSTALLED	Nothing installed
32	LSRDEF_NO_TARGETS	No targets
33	LSRDEF_NO_RELATED	No related systems
34	LSRDEF_INV_TSCOPE	Invalid target scope
35	LSRDEF_INV_RSCOPE	Invalid related scope
36	LSRDEF_INV_USAGE	Invalid usage
37	LSRDEF_INV_MODE	Invalid mode
38	LSRDEF_INV_STATECHK	Invalid state check
39	LSRDEF_INV_FORCEINS	Invalid force install
40	LSRDEF_INV_NOTIFY	Invalid notify
41	LSRDEF_INV_OVERTYPE	Invalid over type
42	LSRDEF_INV_OVRBLOCK	Invalid override block
43	LSRDEF_INV_ORSTRING	Invalid override string
44	LSRDEF_INV_STRNGTERM	Invalid string term
45	LSRDEF_INV_EMBEDTERM	Invalid embedded terminator
46	LSRDEF_INV_ATTRIBUTE	Invalid attribute
47	LSRDEF_INV_LITERAL	Invalid literal
48	LSRDEF_INV_ORSTGNA	Invalid override string
49	LSRDEF_SCOPE_REQUIRED	Scope required
50	LSRDEF_USAGE_CONFLICT	Usage conflict
51	LSRDEF_NODEFS_SELECTED	No definitions selected
52	LSRDEF_MORE_THAN_1_RELSYS	More than one related system
53	LSRDEF_MISSING_RELSYSID	Missing related system identifier
54	LSRDEF_SCOPE_CONFLICT	Scope conflict
55	LSRDEF_INV_CSDGROUP	Invalid CSD group
56	LSRDEF_REC_NOT_REMOVED	Record not removed
57	LSRDEF_INV_RESOURCE	Invalid resource
58	LSRDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	LSRDEF_PARTIAL_ACTION	Partial action
60	LSRDEF_NOTHING_ACTIONED	Nothing actioned
61	LSRDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	LSRDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	LSRDEF_CSD_ERROR	CSD access error

Table 647. LSRDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	456
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				360
DATA12K	CHAR	CPSM	8	No	DIFF	Number of 12 KB data buffers		3-32767		89
DATA16K	CHAR	CPSM	8	No	DIFF	Number of 16 KB data buffers		3-32767		97
DATA1K	CHAR	CPSM	8	No	DIFF	Number of 1 KB data buffers		3-32767		57
DATA20K	CHAR	CPSM	8	No	DIFF	Number of 20 KB data buffers		3-32767		105
DATA24K	CHAR	CPSM	8	No	DIFF	Number of 24 KB data buffers		3-32767		113
DATA28K	CHAR	CPSM	8	No	DIFF	Number of 28 KB data buffers		3-32767		121
DATA2K	CHAR	CPSM	8	No	DIFF	Number of 2 KB data buffers		3-32767		65
DATA32K	CHAR	CPSM	8	No	DIFF	Number of 32 KB data buffers		3-32767		129
DATA4K	CHAR	CPSM	8	No	DIFF	Number of 4 KB data buffers		3-32767		73
DATA512	CHAR	CPSM	8	No	DIFF	Number of 512-byte data buffers		3-32767		49
DATA8K	CHAR	CPSM	8	No	DIFF	Number of 8 KB data buffers		3-32767		81
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		452
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				392
HSDATA12K	CHAR	CPSM	8	No	DIFF	Number of 12 KB Hyperspace data buffers		0-16777215		241
HSDATA16K	CHAR	CPSM	8	No	DIFF	Number of 16 KB Hyperspace data buffers		0-16777215		249
HSDATA20K	CHAR	CPSM	8	No	DIFF	Number of 20 KB Hyperspace data buffers		0-16777215		257
HSDATA24K	CHAR	CPSM	8	No	DIFF	Number of 24 KB Hyperspace data buffers		0-16777215		265
HSDATA28K	CHAR	CPSM	8	No	DIFF	Number of 28 KB Hyperspace data buffers		0-16777215		273
HSDATA32K	CHAR	CPSM	8	No	DIFF	Number of 32 KB Hyperspace data buffers		0-16777215		281

Table 647. LSRDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
HSDATA4K	CHAR	CPSM	8	No	DIFF	Number of 4 KB Hipspace data buffers		0-16777215		225
HSDATA8K	CHAR	CPSM	8	No	DIFF	Number of 8 KB Hipspace data buffers		0-16777215		233
HSINDEX12K	CHAR	CPSM	8	No	DIFF	Number of 12 KB Hipspace index buffers		0-16777215		305
HSINDEX16K	CHAR	CPSM	8	No	DIFF	Number of 16 KB Hipspace index buffers		0-16777215		313
HSINDEX20K	CHAR	CPSM	8	No	DIFF	Number of 20 KB Hipspace index buffers		0-16777215		321
HSINDEX24K	CHAR	CPSM	8	No	DIFF	Number of 24 KB Hipspace index buffers		0-16777215		329
HSINDEX28K	CHAR	CPSM	8	No	DIFF	Number of 28 KB Hipspace index buffers		0-16777215		337
HSINDEX32K	CHAR	CPSM	8	No	DIFF	Number of 32 KB Hipspace index buffers		0-16777215		345
HSINDEX4K	CHAR	CPSM	8	No	DIFF	Number of 4 KB Hipspace index buffers		0-16777215		289
HSINDEX8K	CHAR	CPSM	8	No	DIFF	Number of 8 KB Hipspace index buffers		0-16777215		297
INDEX12K	CHAR	CPSM	8	No	DIFF	Number of 12 KB index buffers		3-32767		177
INDEX16K	CHAR	CPSM	8	No	DIFF	Number of 16 KB index buffers		3-32767		185
INDEX1K	CHAR	CPSM	8	No	DIFF	Number of 1 KB index buffers		3-32767		145
INDEX20K	CHAR	CPSM	8	No	DIFF	Number of 20 KB index buffers		3-32767		193
INDEX24K	CHAR	CPSM	8	No	DIFF	Number of 24 KB index buffers		3-32767		201
INDEX28K	CHAR	CPSM	8	No	DIFF	Number of 28 KB index buffers		3-32767		209
INDEX2K	CHAR	CPSM	8	No	DIFF	Number of 2 KB index buffers		3-32767		153
INDEX32K	CHAR	CPSM	8	No	DIFF	Number of 32 KB index buffers		3-32767		217
INDEX4K	CHAR	CPSM	8	No	DIFF	Number of 4 KB index buffers		3-32767		161
INDEX512	CHAR	CPSM	8	No	DIFF	Number of 512-byte index buffers		3-32767		137
INDEX8K	CHAR	CPSM	8	No	DIFF	Number of 8 KB index buffers		3-32767		169
LSRPOOLID	CHAR	CPSM	4	No	DIFF	LSR Pool number	1	1-255		33
MAXKEYLENGTH	CHAR	CPSM	4	No	DIFF	Maximum key length		0-255		37
SHARELIMIT	CHAR	CPSM	4	No	DIFF	Resource share limit	50	1-100		41
STRINGS	CHAR	CPSM	4	No	DIFF	Maximum number of file strings in pool		1-255		45
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				368
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				376
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				384



## Chapter 282. LSRINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of an LSR pool definition (LSRDEF) in a resource group (RESGROUP). An LSRDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is LSRGROUP.

The **Secondary** key field for this resource class is LSRNAME.

The **Tertiary** key field for this resource class is LSRVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6149

### Security Class

BAS.DEF

Table 648. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 649. LSRINGRP FEEDBACK error codes		
Value	Code	Description
1	LSRINGRP_INV_DATA	Attribute data invalid
2	LSRINGRP_REC_NOT_FOUND	Requested resource not found
4	LSRINGRP_REC_EXISTS	Resource already exists
6	LSRINGRP_INV_RESTYPE	Invalid resource type
7	LSRINGRP_INV_VER	Invalid resource version
11	LSRINGRP_NON_MP	Maintenance point CMAS not available

Table 649. LSRINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	LSRINGRP_INV_CONTEXT	Context not found
21	LSRINGRP_INCONSISTENT_SET	Inconsistent set
22	LSRINGRP_DIFF_VERSION	Different version
23	LSRINGRP_INV_NAME	Invalid name
24	LSRINGRP_INV_MINNAME	Invalid minor name

Table 650. LSRINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
LSRGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
LSRNAME-2	CHAR	CPSM	8	Yes	DIFF	LSR pool definition name	44
LSRVER-3	BINARY	CPSM	1	Yes	AVG	LSR pool definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

## Chapter 283. LSRPBUF Resource Table

A CICS Resource that describes a local shared resources buffer pool in an active CICS system being managed by CICSplex SM. An instance of LSRPBUF exists for each defined buffer size in the LSR pool.

The **Primary** key for this resource table is POOLSIZE TYPE. While the LSRPBUF resource class identifies multiple key attributes, only the pool number can be specified in an EVALDEF INSTANCE attribute.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSLSRPoolBuffer

### Object type

CICS Resource

### Length

80

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0036

### Security Class

OPERATE.REGION

Table 651. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 652. LSRPBUF resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>POOLSIZE TYPE-1</b>	CHAR	STAT			9	DIFF	Pool number/buffer size/ buffer type	16
COUNT	BINARY	STAT			2	AVG	Number of buffers	64
CREADS	BINARY	STAT			4	AVG	Number of successful CREAD requests	48
CWRITES	BINARY	STAT			4	AVG	Number of successful CWRITE requests	52

Table 652. LSRPBUF resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
FAILCREADS	BINARY	STAT			4	AVG	Number of failed CREAD requests	56
FAILCWITES	BINARY	STAT			4	AVG	Number of failed CWRITE requests	60
HIPERBUFF	BINARY	STAT			4	AVG	Number of Hiperspace buffers	28
LOOKASIDES	BINARY	STAT			4	AVG	Number of lookaside buffer reads	32
NONUWRITE	BINARY	STAT			4	AVG	Number of non user-initiated buffer writes	44
POOL	BINARY	STAT			1	MAX	Pool number	76
READS	BINARY	STAT			4	AVG	Number of buffer reads	36
SIZE	BINARY	STAT			4	SUM	Buffer size	68
TYPE	EYUDA	INQ			4	LIKE	Buffer usage	72
TYPE Output valid values	<ul style="list-style-type: none"> <li>• DATA</li> <li>• INDEX</li> <li>• BOTH</li> </ul>							
USERIWRITE	BINARY	STAT			4	AVG	Number of user-initiated buffer writes	40



## Chapter 284. LSRPOOL Resource Table

A CICS Resource that describes a local shared resources pool in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is LSRPOOLID.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSLSRPool

### Object type

CICS Resource

### Length

136

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0035

### Security Class

OPERATE.REGION

### CICS Commands subject to CICS Security

EXTRACT STATISTICS

Table 653. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 654. LSRPOOL resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Value Range	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		12
<b>LSRPOOLID-1</b>	BINARY	STAT	DFHA08DS	A08SRPID	2	MAX	LSR pool number	1-255	116
CREATETIME	DECTSTP	STAT	DFHA08DS	A08LBKCD	4	MAX	Local create time		16
DBLOOKASIDE	BINARY	STAT	DFHA08DS	A08TOBFF_DATA	4	AVG	Number of successful lookasides to data buffers		44

Table 654. LSRPOOL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Value Range	Offset
DBNUWRITE	BINARY	STAT	DFHA08DS	A08TONUW_DATA	4	AVG	Number of non user-initiated data buffer writes		56
DBREAD	BINARY	STAT	DFHA08DS	A08TOFRD_DATA	4	AVG	Number of read I/Os to data buffers		48
DBUFFCNT	BINARY	STAT	DFHA08DS	A08TOBFN_DATA	4	AVG	Number of data buffers		36
DBUIWRITE	BINARY	STAT	DFHA08DS	A08TOUIW_DATA	4	AVG	Number of user-initiated data buffer writes		52
DCREAD	BINARY	STAT	DFHA08DS	A08TOCRS_DATA	4	AVG	Number of successful data buffer CREAD requests		60
DCWRITE	BINARY	STAT	DFHA08DS	A08TOCWS_DATA	4	AVG	Number of successful data buffer CWRITE requests		64
DELETETIME	DECTSTP	STAT	DFHA08DS	A08LBKDD	4	MAX	Local delete time		20
DFAILCREAD	BINARY	STAT	DFHA08DS	A08TOCRF_DATA	4	AVG	Number of failed data buffer CREAD requests		68
DFAILCWRITE	BINARY	STAT	DFHA08DS	A08TOCWF_DATA	4	AVG	Number of failed data buffer CWRITE requests		72
DHIPERBUF	BINARY	STAT	DFHA08DS	A08TOHBN_DATA	4	AVG	Number of Hiperspace data buffers		40
GMTCRETIME	TIMESTP	STAT	DFHA08DS	A08GBKCD	8	MAX	GMT create time		120
GMTDELTIME	TIMESTP	STAT	DFHA08DS	A08GBKDD	8	MAX	GMT delete time		128
IBLOOKASIDE	BINARY	STAT	DFHA08DS	A08TOBFF_INDEX	4	AVG	Number of lookaside index buffer reads		84
IBNUWRITE	BINARY	STAT	DFHA08DS	A08TONUW_INDEX	4	AVG	Number of non user-initiated index buffer writes		96
IBREADS	BINARY	STAT	DFHA08DS	A08TOFRD_INDEX	4	AVG	Total number of index buffer reads		88
IBUFFCNT	BINARY	STAT	DFHA08DS	A08TOBFN_INDEX	4	AVG	Number of index buffers		76
IBUIWRITE	BINARY	STAT	DFHA08DS	A08TOUIW_INDEX	4	AVG	Number of user-initiated index buffer writes		92
ICREAD	BINARY	STAT	DFHA08DS	A08TOCRS_INDEX	4	AVG	Number of successful index buffer CREAD requests		100
ICWRITE	BINARY	STAT	DFHA08DS	A08TOCWS_INDEX	4	AVG	Number of successful index buffer CWRITE requests		104
IDHIPERBUF	BINARY	STAT	DFHA08DS	A08TOHBN_INDEX	4	AVG	Number of Hiperspace index buffers		80
IDXDATFLG	BIT	STAT	DFHA08DS	A08FLAGS	1	LIKE	Separate data and index flag		118
IFAILCREAD	BINARY	STAT	DFHA08DS	A08TOCRF_INDEX	4	AVG	Number of failed index buffer CREAD requests		108
IFAILCWRITE	BINARY	STAT	DFHA08DS	A08TOCWF_INDEX	4	AVG	Number of failed index buffer CWRITE requests		112
MAXCCURSTR	BINARY	STAT	DFHA08DS	A08BKHAS	2	AVG	Peak number of concurrent active strings		30
MAXKEYLEN	BINARY	STAT	DFHA08DS	A08BKKYL	2	AVG	Maximum key length		24
PEAKWAITREQ	BINARY	STAT	DFHA08DS	A08BKHSW	2	AVG	Peak number of requests waiting		28
TOTSTRINGS	BINARY	STAT	DFHA08DS	A08BKSTN	2	AVG	Total number of strings		26

Table 654. LSRPOOL resource table attributes (continued)									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Value Range	Offset
TOTWAITREQ	BINARY	STAT	DFHA08DS	A08BKTSW	4	AVG	Total number of string waits		32



# Chapter 285. MAPDEF Resource Table

A CICS Definition that describes a map set, which is a group of related screen layouts or maps.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a Map Set Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionMapSet

**Object type**

CICS Definition

**Length**

168

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3805

**Security Class**

BAS.PROGRAM

Table 655. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Table 655. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 656. MAPDEF FEEDBACK error codes		
Value	Code	Description
1	MAPDEF_INV_DATA	Attribute data invalid
2	MAPDEF_REC_NOT_FOUND	Requested resource not found
4	MAPDEF_REC_EXISTS	Resource already exists
5	MAPDEF_REC_CHANGED	Resource definition already changed
6	MAPDEF_INV_RESTYPE	Invalid resource type
7	MAPDEF_INV_VER	Invalid resource version
11	MAPDEF_NON_MP	Maintenance point CMAS not available
12	MAPDEF_INV_CONTEXT	Context not found
13	MAPDEF_INCONSISTENT_SET	Inconsistent set condition
14	MAPDEF_INV_RESGROUP	Resource group not found
21	MAPDEF_INV_ACTION	Invalid action
22	MAPDEF_INV_RECADDR	Invalid record address
23	MAPDEF_INV_RECLEN	Invalid record length
24	MAPDEF_DIFF_VERSION	Different version
25	MAPDEF_EARLY_NAMELIST_END	Early name list end
26	MAPDEF_INV_NAMELIST	Invalid name list
27	MAPDEF_INV_NAME	Invalid name
28	MAPDEF_INV_MINNAME	Invalid minor name
29	MAPDEF_NOTIFY	Notify
30	MAPDEF_PARTIAL_INSTALL	Partial install

Table 656. MAPDEF FEEDBACK error codes (continued)

Value	Code	Description
31	MAPDEF_NOTHING_INSTALLED	Nothing installed
32	MAPDEF_NO_TARGETS	No targets
33	MAPDEF_NO_RELATED	No related systems
34	MAPDEF_INV_TSCOPE	Invalid target scope
35	MAPDEF_INV_RSCOPE	Invalid related scope
36	MAPDEF_INV_USAGE	Invalid usage
37	MAPDEF_INV_MODE	Invalid mode
38	MAPDEF_INV_STATECHK	Invalid state check
39	MAPDEF_INV_FORCEINS	Invalid force install
40	MAPDEF_INV_NOTIFY	Invalid notify
41	MAPDEF_INV_OVERTYPE	Invalid over type
42	MAPDEF_INV_OVRBLOCK	Invalid override block
43	MAPDEF_INV_ORSTRING	Invalid override string
44	MAPDEF_INV_STRNGTERM	Invalid string terminator
45	MAPDEF_INV_EMBEDTERM	Invalid embedded terminator
46	MAPDEF_INV_ATTRIBUTE	Invalid attribute
47	MAPDEF_INV_LITERAL	Invalid literal
48	MAPDEF_INV_ORSTGNA	Invalid override string
49	MAPDEF_SCOPE_REQUIRED	Scope required
50	MAPDEF_USAGE_CONFLICT	Usage conflict
51	MAPDEF_NODEFS_SELECTED	No definitions selected
52	MAPDEF_MORE_THAN_1_RELSYS	More than one related system
53	MAPDEF_MISSING_RELSYSID	Missing related system identifier
54	MAPDEF_SCOPE_CONFLICT	Scope conflict
55	MAPDEF_INV_CSDGROUP	Invalid CSD group
56	MAPDEF_REC_NOT_REMOVED	Record not removed
57	MAPDEF_INV_RESOURCE	Invalid resource
58	MAPDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	MAPDEF_PARTIAL_ACTION	Partial action
60	MAPDEF_NOTHING_ACTIONED	Nothing actioned
61	MAPDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	MAPDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	MAPDEF_CSD_ERROR	CSD access error

Table 657. MAPDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	160
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				64
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		156
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				96
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	Residence status	NO			36
RESIDENT Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
RSL	CHAR	CPSM	8	No	DIFF	Resource security value	0	0-24	E330 +	52
RSL Input/output valid values	<ul style="list-style-type: none"> <li>• PUBLIC</li> </ul>									
STATUS	CVDAS	CPSM	4	Yes	LIKE	Map set status	ENABLED			40
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>									
USAGE	EYUDA	CPSM	4	Yes	LIKE	Map set storage release	NORMAL			44
USAGE Input/output valid values	<ul style="list-style-type: none"> <li>• NORMAL</li> <li>• TRANSIENT</li> </ul>									
USELPACOPY	EYUDA	CPSM	4	Yes	LIKE	Use map set from link pack area (LPA) option	NO			48
USELPACOPY Input/ output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				72
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				80
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				88



## Chapter 286. MAPINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a map set definition (MAPDEF) in a resource group (RESGROUP). A MAPDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is MAPGROUP.

The **Secondary** key field for this resource class is MAPNAME.

The **Tertiary** key field for this resource class is MAPVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6150

### Security Class

BAS.DEF

Table 658. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 659. MAPINGRP FEEDBACK error codes		
Value	Code	Description
1	MAPINGRP_INV_DATA	Attribute data invalid
2	MAPINGRP_REC_NOT_FOUND	Requested resource not found
4	MAPINGRP_REC_EXISTS	Resource already exists
6	MAPINGRP_INV_RESTYPE	Invalid resource type
7	MAPINGRP_INV_VER	Invalid resource version
11	MAPINGRP_NON_MP	Maintenance point CMAS not available

Table 659. MAPINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	MAPINGRP_INV_CONTEXT	Context not found
21	MAPINGRP_INCONSISTENT_SET	Inconsistent set
22	MAPINGRP_DIFF_VERSION	Different version
23	MAPINGRP_INV_NAME	Invalid name
24	MAPINGRP_INV_MINNAME	Invalid minor name

Table 660. MAPINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
MAPGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
MAPNAME-2	CHAR	CPSM	8	Yes	DIFF	Map set definition name	44
MAPVER-3	BINARY	CPSM	1	Yes	AVG	Map set definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 287. MAS Resource Table

A CPSM Topology Manager object that describes the attributes of a managed application system. A MAS is the run-time representation of a CICS system definition. MAS objects can be referenced even if the CICS system is not active.

The **Primary** key field for this resource class is CICSNAME.

The CICSNAME attribute key field is ignored when named in an EVALDEF. The object instances returned are a function of the current scope in effect when the request is made.

When the EVALDEF is used by MRM, the scope is that of the CICS system for which the RTADEF is being installed.

When the EVALDEF is used by APM, the scope is that established when the RTADEF was associated with the APSPEC.

The following action is supported:

**STOP**

Terminate the CICSplex SM MAS agent component.

The STOP action requires no unique parameter data.

**External resource name(CMCI)**

CICSManagedRegion

**Object type**

CICSplex SM Manager

**Length**

472

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2443

**Security Class**

TOPOLOGY.DEF

Table 661. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	STOP	None	N/A
	STOPUNCON	None	N/A

Table 661. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	FORCEDISCON	None	N/A
	CPSMDUMP	BAS	No
		CHE	No
		COM	No
		DAT	No
		KNL	No
		MAS	No
		MON	No
		MSG	No
		QUE	No
		RTA	No
		SIM	No
		SLM	No
		SRV	No
		TOP	No
		TRC	No
		WLM	No

Table 662. MAS FEEDBACK error codes

Value	Code	Description
1	MAS_INV_DATA	Attribute data invalid
21	MAS_MONSPEC_MISSING	Monitor specification missing
22	MAS_RTASPEC_MISSING	RTA specification missing
23	MAS_WLMSPEC_MISSING	WLM specification missing
24	MAS_TOR_PARTICIPANT	TOR participant
25	STOPUNCON_REQUIRED	Issue StopUncon before ForceDiscon

Table 663. MAS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Value Range	Get Invalid	Offset
<b>CICSNAME-1</b>	CHAR	CPSM	8	DIFF	No	CICS system name			0
ACTVTIME	CHAR	CPSM	8	DIFF	Yes	Period definition name			224
AINSFAIL	EYUDA	CPSM	4	LIKE	Yes	Autoinstall failure action			300
AINSFAIL Input/output valid values	<ul style="list-style-type: none"> <li>• CONTINUE</li> <li>• PROMPT</li> <li>• SHUTDOWN</li> <li>• TERMINATE</li> <li>• N_A</li> </ul>								
AUTOINST	EYUDA	CPSM	4	LIKE	Yes	Autoinstall request type			296

Table 663. MAS resource table attributes (continued)									
Name	Datatype	Source	Len	Sum	Set	Description	Value Range	Get Invalid	Offset
AUTOINST Input/output valid values	<ul style="list-style-type: none"> <li>• NEVER</li> <li>• ALWAYS</li> <li>• COLDONLY</li> <li>• WARMLY</li> <li>• N_A</li> </ul>								
BASTRACE	BITSTRIP	CPSM	4	AVG	Yes	Business Application Services (BAS) trace flags			128
BOTRSUPD	BINARY	CPSM	1	AVG	Yes	RS server bottom tier	1-25		440
CHETRACE	BITSTRIP	CPSM	4	AVG	Yes	Cache services trace flags			96
CICSSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for CICS region monitoring			40
CICSSTATE	EYUDA	CPSM	4	LIKE	No	MAS status			20
CICSSTATE Output valid values	<ul style="list-style-type: none"> <li>• ACTIVE</li> <li>• INACTIVE</li> <li>• LOSTCON</li> <li>• LOSTCMAS</li> <li>• LOSTMAS</li> </ul>								
CMASNAME	CHAR	CPSM	8	DIFF	No	CMAS name			8
COMTRACE	BITSTRIP	CPSM	4	AVG	Yes	Communications trace flags			104
CONNSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for connection monitoring			52
CPSMVER	CHAR	CPSM	4	DIFF	No	CPSM version of MAS			464
DATTRACE	BITSTRIP	CPSM	4	AVG	Yes	Data repository services trace flags			124
DAYLIGHTSV	EYUDA	CPSM	4	LIKE	Yes	Daylight saving time in effect			292
DAYLIGHTSV Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• N_A</li> </ul>								
DBXSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for DB2/DBCTRL monitoring			48
DESC	CHAR	CPSM	58	DIFF	No	CICS system description			232
FILESAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for file monitoring			56
GLBLSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for global region monitoring			44
HOST	CHAR	CPSM	116	DIFF	No	Host Name		E640 E650	304
JRNLSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for journal monitoring			60
KNLTRACE	BITSTRIP	CPSM	4	AVG	Yes	Kernel linkage trace flags			80
MASTRACE	BITSTRIP	CPSM	4	AVG	Yes	MAS services trace flags			108
MASTYPE	EYUDA	CPSM	4	LIKE	No	MAS type			16
MASTYPE Output valid values	<ul style="list-style-type: none"> <li>• N_A</li> <li>• LOCAL</li> <li>• REMOTE</li> </ul>								
MONSTATUS	EYUDA	CPSM	4	LIKE	Yes	Monitoring status			24

Table 663. MAS resource table attributes (continued)									
Name	Datatype	Source	Len	Sum	Set	Description	Value Range	Get Invalid	Offset
MONSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• FORCE</li> <li>• N_A</li> </ul>								
MSGTRACE	BITSTRIP	CPSM	4	AVG	Yes	Message services trace flags			88
MXTACTION	CHAR	CPSM	8	DIFF	Yes	Action for CICS-at-maximum-tasks event			200
MXTSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for CICS-at-maximum-tasks event			160
MXTSEV Input/output valid values	<ul style="list-style-type: none"> <li>• VLS</li> <li>• LS</li> <li>• LW</li> <li>• HW</li> <li>• HS</li> <li>• VHS</li> <li>• N_A</li> </ul>								
NETWORKID	CHAR	CPSM	8	DIFF	No	Network ID		E640 E650	420
NRMACTION	CHAR	CPSM	8	DIFF	Yes	Action for Non-responsive-MAS event			456
NRMSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for Non-responsive-MAS event			452
NRMSEV Input/output valid values	<ul style="list-style-type: none"> <li>• VLS</li> <li>• LS</li> <li>• LW</li> <li>• HW</li> <li>• HS</li> <li>• VHS</li> <li>• N_A</li> </ul>								
PORT	CHAR	CPSM	8	DIFF	No	Port number	1-65535	E640 E650	428
PRICMAS	CHAR	CPSM	8	DIFF	Yes	Primary CMAS name			216
PROGSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for program monitoring			64
QUETRACE	BITSTRIP	CPSM	4	AVG	Yes	Queue services trace flags			100
READRS	BINARY	CPSM	2	DIFF	Yes	RS server read interval	0-2000		436
RETENTION	BINARY	CPSM	4	AVG	Yes	Monitoring data retention period			36
RTASTATUS	EYUDA	CPSM	4	LIKE	Yes	Real time analysis status			28
RTASTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• SAM</li> <li>• MRM</li> <li>• N_A</li> </ul>								
RTATRACE	BITSTRIP	CPSM	4	AVG	Yes	Real time analysis (RTA) trace flags			120
SAMACTION	CHAR	CPSM	8	DIFF	Yes	Action for system availability monitoring event			168
SAMSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for system availability monitoring event			144

Table 663. MAS resource table attributes (continued)									
Name	Datatype	Source	Len	Sum	Set	Description	Value Range	Get Invalid	Offset
SAMSEV Input/output valid values	<ul style="list-style-type: none"> <li>• VLS</li> <li>• LS</li> <li>• LW</li> <li>• HW</li> <li>• HS</li> <li>• VHS</li> <li>• N_A</li> </ul>								
SDMACTION	CHAR	CPSM	8	DIFF	Yes	Action for system dump event			184
SDMSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for system dump event			152
SDMSEV Input/output valid values	<ul style="list-style-type: none"> <li>• VLS</li> <li>• LS</li> <li>• LW</li> <li>• HW</li> <li>• HS</li> <li>• VHS</li> <li>• N_A</li> </ul>								
SECBYPASS	EYUDA	CPSM	4	LIKE	Yes	Simulated security exemption check			140
SECBYPASS Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• N_A</li> </ul>								
SECCMDCHK	EYUDA	CPSM	4	LIKE	Yes	Simulated security command check			132
SECCMDCHK Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• N_A</li> </ul>								
SECRESCHK	EYUDA	CPSM	4	LIKE	Yes	Simulated security resource check			136
SECRESCHK Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• N_A</li> </ul>								
SOSACTION	CHAR	CPSM	8	DIFF	Yes	Action for short on storage (SOS) event			176
SOSSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for short on storage (SOS) event			148
SOSSEV Input/output valid values	<ul style="list-style-type: none"> <li>• VLS</li> <li>• LS</li> <li>• LW</li> <li>• HW</li> <li>• HS</li> <li>• VHS</li> <li>• N_A</li> </ul>								
SRVTRACE	BITSTRIP	CPSM	4	AVG	Yes	Common services trace flags			92
STLACTION	CHAR	CPSM	8	DIFF	Yes	Action for CICS-stalled event			208
STLSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for CICS-stalled event			164

Table 663. MAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Value Range	Get Invalid	Offset
STLSEV Input/output valid values	<ul style="list-style-type: none"> <li>VLS</li> <li>LS</li> <li>LW</li> <li>HW</li> <li>HS</li> <li>VHS</li> <li>N_A</li> </ul>								
TDMACTION	CHAR	CPSM	8	DIFF	Yes	Action for transaction dump event			192
TDMSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for transaction dump event			156
TDMSEV Input/output valid values	<ul style="list-style-type: none"> <li>VLS</li> <li>LS</li> <li>LW</li> <li>HW</li> <li>HS</li> <li>VHS</li> <li>N_A</li> </ul>								
TDQSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for TDQ monitoring			72
TERMSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for terminal monitoring			68
TMEZONE	CHAR	CPSM	1	DIFF	Yes	Time zone			291
TMEZONEO	BINARY	CPSM	1	AVG	Yes	Time zone offset			290
TOPRSUPD	BINARY	CPSM	1	AVG	Yes	RS server top tier	1-25		439
TOPTRACE	BITSTRIP	CPSM	4	AVG	Yes	Topology trace flags			116
TRANSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for transaction monitoring			76
TRATRACE	BITSTRIP	CPSM	4	AVG	Yes	Trace services trace flags			84
UPDATERS	BINARY	CPSM	1	AVG	Yes	RS server update frequency	0-25		438
WLMOPTEN	EYUDA	CPSM	4	LIKE	Yes	WLM optimization enablement			448
WLMOPTEN Input/output valid values	<ul style="list-style-type: none"> <li>ENABLED</li> <li>DISABLED</li> <li>N_A</li> </ul>								
WLMQMODE	EYUDA	CPSM	4	DIFF	Yes	Task load queue mode			444
WLMQMODE Input/output valid values	<ul style="list-style-type: none"> <li>ALL</li> <li>MAXTASK</li> <li>N_A</li> </ul>								
WLMSTATUS	EYUDA	CPSM	4	LIKE	Yes	Workload manager status			32
WLMSTATUS Input valid values	<ul style="list-style-type: none"> <li>YES</li> </ul>								
WLMSTATUS Output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> <li>N_A</li> </ul>								
WLMTHRS	BINARY	CPSM	1	AVG	Yes	Task load health threshold	1-100		441
WLMTRACE	BITSTRIP	CPSM	4	AVG	Yes	Workload management trace flags			112



## Chapter 288. MASHIST Resource Table

A CICSplex SM Operations Resource that describes the state of CICSplex SM history recording for a MAS.

The MASHIST resource does not provide an explicit key attribute. The set of object instances returned is a function of the scope in effect when the request is made.

**External resource name(CMCI)**

CICSTaskHistoryCollection

**Object type**

CICS Resource

**Length**

64

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0153

**CICS Commands subject to CICS Security**

INQUIRE SYSTEM

Table 664. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	SUSPEND	None	N/A
	RESUME	None	N/A

Table 665. MASHIST FEEDBACK error codes		
Value	Code	Description
1	INVALID_CPSM_RELEASE	Action not supported for CPSM release
2	MASHIST_STATUS_INACTV	Action not supported for an inactive history collector

Table 666. MASHIST resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12

Table 666. MASHIST resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
CDSSUF	CHAR	CPSM			1	DIFF	Current data set suffix	38
CRECCNT	BINARY	CPSM			8	MAX	Number of records on current data set	24
CWRAPCNT	BINARY	CPSM			4	MAX	Number of times current data set has wrapped	32
HDSCOUNT	BINARY	CPSM			2	MAX	Number of History data sets	36
REASON	EYUDA	CPSM			4	LIKE	History reason code	20
REASON Output valid values	<ul style="list-style-type: none"> <li>• OK</li> <li>• NOTAVAILABLE</li> <li>• INVALIDFILE</li> <li>• IOERROR</li> </ul>							
RESERVED1	CHAR	CPSM			1	LIKE	Reserved area for expansion	43
RESERVED2	BINARY	CPSM			4	LIKE	Reserved area for expansion	44
RESERVED3	BINARY	CPSM			4	LIKE	Reserved area for expansion	48
RESERVED4	BINARY	CPSM			4	LIKE	Reserved area for expansion	52
RESERVED5	BINARY	CPSM			4	LIKE	Reserved area for expansion	56
RESERVED6	BINARY	CPSM			4	LIKE	Reserved area for expansion	60
STATUS	EYUDA	CPSM			4	LIKE	History recorder status	16
STATUS Output valid values	<ul style="list-style-type: none"> <li>• ACTIVE</li> <li>• INACTIVE</li> <li>• SUSPEND</li> <li>• SUSPENDING</li> <li>• RESUMING</li> </ul>							
TASKNO	DECIMAL	CPSM			4	MAX	Task ID of Current Recorder	39

# Chapter 289. MASQRYER Resource Table

This CICS resource object provides information about CMASes and MASes which failed to respond to a GET, PERFORM OBJECT, PERFORM SET, REFRESH, or SET command targeting a CICS operate resource table.

The **Primary** key field for this resource class is CICSTYPE.

The **Secondary** key field for this resource class is CICSNAME.

This resource class has no object specific actions.

**Object type**

CICSplex SM Metadata

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2639

Table 667. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 668. MASQRYER resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
<b>CICSTYPE-1</b>	CHAR	CPSM	1	LIKE	CICS region type	20
CICSTYPE-1 Input/output valid values	<ul style="list-style-type: none"><li>• C</li><li>• M</li></ul>					
<b>CICSNAME-2</b>	CHAR	CPSM	8	LIKE	CICS system name	8
ERRORTYPE	EYUDA	CPSM	4	LIKE	Error type	16

Table 668. MASQRYER resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
ERRORTYPE Output valid values	<ul style="list-style-type: none"><li>• MODBNOTACTIVE</li><li>• PRIVATEMETHOD</li><li>• METHODLOCKED</li><li>• ENVIRONTIMEOUT</li><li>• ENVIRONCANCEL</li><li>• STARTFAILED</li><li>• STACKTOOLARGE</li><li>• OVERFLOWOSSBFAIL</li><li>• BADMALTRANSFER</li><li>• TRANSMITTIMEOUT</li><li>• EXECUTETIMEOUT</li><li>• TRANSMITFAILED</li><li>• TARGETUNAVAIL</li><li>• SECVIOLATION</li><li>• MALRETURNFAILED</li><li>• MAXHISTORYRECS</li><li>• REQNOTPROCED</li><li>• NOTAUTHORIZED</li><li>• SECINTERFACEFAIL</li></ul>					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	0

## Chapter 290. MASSTAT Resource Table

A CICSplex SM Operations Resource that displays information about the join status of CICS systems in each CMAS in a CICSplex.

The **Primary** key field for this resource class is CICSNAME.

The **Secondary** key field for this resource class is RPTCMAS.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSManagedRegionStatus

### Object type

CICSplex SM Manager

### Length

96

### Usage

API, WUI, CICS Management Client Interface(CMCI)

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt2640

### Security Class

TOPOLOGY.DEF

Table 669. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 670. MASSTAT resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
<b>CICSNAME-1</b>	CHAR	CPSM	8	DIFF	CICS system name	0
<b>RPTCMAS-2</b>	CHAR	CPSM	8	DIFF	Reporting CMAS name	24
CICSSTATE	EYUDA	CPSM	4	LIKE	MAS status	20
CICSSTATE Output valid values	<ul style="list-style-type: none"><li>• ACTIVE</li><li>• INACTIVE</li><li>• LOSTCON</li><li>• LOSTCMAS</li><li>• LOSTMAS</li></ul>					
CMASNAME	CHAR	CPSM	8	DIFF	CMAS name	8
DESC	CHAR	CPSM	58	DIFF	CICS system description	32

Table 670. MASSTAT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
MASTYPE	EYUDA	CPSM	4	LIKE	MAS type	16
MASTYPE Output valid values	<ul style="list-style-type: none"> <li>• N_A</li> <li>• LOCAL</li> <li>• REMOTE</li> </ul>					

# Chapter 291. MCICSDSA Resource Table

A CICS Monitored resource that describes a subset of the dynamic storage are attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

208

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1367

**Security Class**

OPERATE.REGION

Table 671. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 672. MCICSDSA FEEDBACK error codes

Value	Code	Description
9	MCICSDSA_NO_MON_DATA	No data for monitored resource
10	MCICSDSA_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 673. MCICSDSA resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	STAT	8	DIFF	Dynamic storage area (DSA)	24
ACCESSTYPE	EYUDA	STAT	4	LIKE	Storage key	124
ACCESSTYPE Output valid values	<ul style="list-style-type: none"> <li>• CICS</li> <li>• USER</li> <li>• READONLY</li> </ul>					
ASUBTOTL	CNUMERIC	STAT	4	AVG	Number of Add Subpool requests	52
CUMCMNSSUSRS	CNUMERIC	STAT	4	AVG	Cumulative number of common subspace users	180
CUMUNQSSUSRS	CNUMERIC	STAT	4	AVG	Cumulative number of unique subspace users	168
CURCMNSSUSRS	CNUMERIC	STAT	4	AVG	Current number of common subspace users	176
CURFRESTG	PERCENT	CPSM	4	AVG	Free storage for current sample (%)	104
CURRALLOC	CNUMERIC	STAT	4	AVG	Current DSA allocated above/below 16M line	188
CURUNQSSUSRS	CNUMERIC	STAT	4	AVG	Current tasks allocated a unique subspace	164
CUSHION	BINARY	STAT	4	MAX	Cushion size	36
DSUBTOTL	CNUMERIC	STAT	4	AVG	Number of Delete Subpool requests	56
FREMTOTL	BINARY	STAT	4	AVG	Number of FREEMAIN requests	48
GETMTOTL	BINARY	STAT	4	AVG	Number of GETMAIN requests	44
HWMALLOC	CNUMERIC	STAT	4	AVG	Peak DSA allocated above/below 16M line	192
HWMCMNSSUSRS	CNUMERIC	STAT	4	AVG	Peak number of common subspace users	184
HWMFREE	CNUMERIC	CPSM	4	AVG	Peak amount of free storage available	156
HWMUNQSSUSRS	CNUMERIC	STAT	4	AVG	Peak number of unique subspace users	172
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	16
INTFRESTG	PERCENT	CPSM	4	AVG	Free storage for monitor interval (%)	108
LIMIT	CNUMERIC	STAT	4	AVG	Maximum size of DSA	132
LOCATION	EYUDA	STAT	4	LIKE	Dynamic storage area (DSA) location	120
LOCATION Output valid values	<ul style="list-style-type: none"> <li>• ABOVE</li> <li>• BELOW</li> <li>• NOTAPPLIC</li> </ul>					
LWMFREE	CNUMERIC	CPSM	4	AVG	Smallest amount of free storage available	160
NSTGTOTL	CNUMERIC	STAT	4	AVG	Number of times NOSTORAGE returned	60
NSTGTSUSP	BINARY	STAT	4	AVG	Number of current suspended storage requests	72
PCTFREE	PERCENT	CPSM	4	AVG	Percentage of available total storage	140
PGMONIU	CNUMERIC	STAT	4	AVG	Storage occupied by not-in-use programs	40
POOLPCTFREE	PERCENT	CPSM	4	AVG	Percentage of available pool storage	136
REQSWAITMVS	BINARY	STAT	4	AVG	Number of requests for MVS storage causing wait	196



Table 673. MCICSDSA resource table attributes (continued)						
Name	Datatype	Source	Len	Sum	Description	Offset
RNTPGPROTECT	CVDAS	STAT	4	LIKE	Reentrant program protection status	148
RNTPGPROTECT Output valid values	<ul style="list-style-type: none"> <li>• REENTPROT</li> <li>• NOREENTPROT</li> </ul>					
SIZE	BINARY	STAT	4	MAX	DSA Size	32
STGCRELC	BINARY	STAT	4	AVG	Number of times cushion released	80
STGFSIZE	BINARY	STAT	4	MAX	Free storage size	92
STGHWM	BINARY	STAT	4	AVG	Peak size of DSA	128
STGLSIZE	CNUMERIC	STAT	4	AVG	Largest free area size	112
STGNSUBP	BINARY	STAT	4	AVG	Number of current subpools	88
STGPROTECT	CVDAS	STAT	4	LIKE	Storage protection active	144
STGPROTECT Output valid values	<ul style="list-style-type: none"> <li>• ACTIVE</li> <li>• INACTIVE</li> </ul>					
STGPMCNT	CNUMERIC	STAT	4	AVG	Number of tasks purged while waiting	76
STGSHWM	BINARY	STAT	4	AVG	Peak number of suspended storage requests	68
STGSOSC	CNUMERIC	STAT	4	SUM	Short on storage count	84
STGSOST	INTTSTP	STAT	8	SUM	Total time CICS was short on storage	96
STGSTOTL	BINARY	STAT	4	AVG	Number of times requests were suspended	64
STGVTOTL	CNUMERIC	STAT	4	AVG	Number of storage violations	116
TIMEWAITMVS	INTTSTP	STAT	8	AVG	Total time waiting for MVS storage	200
TRNISOLATION	CVDAS	STAT	4	LIKE	Transaction isolation status	152
TRNISOLATION Output valid values	<ul style="list-style-type: none"> <li>• ACTIVE</li> <li>• INACTIVE</li> </ul>					



# Chapter 292. MCICSRGN Resource Table

A CICS Monitored resource that describes a subset of the CICS region attributes sampled by the CICSplex SM MAS Monitor agents.

The MCICSRGN resource class does not provide an explicit key attribute. The set of object instances returned is a function of the current scope in effect when the request is made.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

440

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1366

**Security Class**

OPERATE.REGION

Table 674. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 675. MCICSRGN FEEDBACK error codes

Value	Code	Description
9	MCICSRGN_NO_MON_DATA	No data for monitored resource
10	MCICSRGN_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 676. MCICSRGN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name		0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release		8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		12
AINSCREQ	CNUMERIC	INQ	4	AVG	Number of current autoinstall requests		60
AINSMREQ	CNUMERIC	INQ	4	AVG	Maximum number of autoinstall requests		64
AINSSTAT	CVDAS	INQ	4	LIKE	Autoinstall enabled status		68
AINSSTAT Output valid values	<ul style="list-style-type: none"> <li>ENABLED</li> <li>DISABLED</li> </ul>						
AMAXTASKS	BINARY	INQ	4	SUM	Maximum number of active tasks	E410+	36
CICSSTATUS	CVDAS	INQ	4	LIKE	CICS status		44
CICSSTATUS Output valid values	<ul style="list-style-type: none"> <li>STARTUP</li> <li>ACTIVE</li> <li>FIRSTQUIESCE</li> <li>FINALQUIESCE</li> </ul>						
CPUTIME	INTUSEC	CPSM	8	AVG	Total CPU time used		224
CTSLEVEL	CHAR	INQ	6	DIFF	CICS Transaction Server level		408
CURACTVUSRTR	CNUMERIC	STAT	4	AVG	Current number of active user transactions		336
CURAMAXRATE	RATE	CPSM	4	AVG	AMAX rate for current sample	E410+	100
CURCPUPER	PERCENT	CPSM	4	AVG	CPU usage during last sample period		232
CURPAMAXRATE	RATE	CPSM	4	AVG	Peak AMAX rate for current sample	E410+	108
CURPGIRATE	RATE	CPSM	4	AVG	Page-in rate for current sample		244
CURPGORATE	RATE	CPSM	4	AVG	Page-out rate for current sample		256
CURPTSKRATE	RATE	CPSM	4	AVG	Peak task rate for current sample		88
CURQUEDUSRTR	CNUMERIC	STAT	4	AVG	Current number of queued user transactions		340
CURQUETIME	INTTSTP	STAT	8	AVG	Time currently queued transactions waiting		368
CURRAMAX	CNUMERIC	STAT	2	AVG	Current number of user tasks eligible for dispatch	E410+	98
CURRTASKS	BINARY	INQ	4	SUM	Current number of tasks		328
CURSIORATE	RATE	CPSM	4	AVG	Start I/O rate for current sample		276
CURTASKRATE	RATE	CPSM	4	AVG	Task rate for current sample		80
CUTCBCNT	CNUMERIC	STAT	2	SUM	Number of MVS task control blocks (TCBs)		76
DSGTOTMT	INTTSTP	STAT	8	AVG	Total MVS storage wait time		424
DSGTOTMW	BINARY	STAT	4	AVG	Total number of MVS storage waiters		432
EXTSEC	CVDAS	INQ	4	LIKE	External security manager option		52
EXTSEC Output valid values	<ul style="list-style-type: none"> <li>EXTSECURITY</li> <li>NOSECURITY</li> </ul>						
INTAMAXRATE	RATE	CPSM	4	AVG	AMAX rate for interval	E410+	104
INTCPUPER	PERCENT	CPSM	4	AVG	Average CPU usage over monitor interval		236
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID		16

Table 676. MCICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Offset
INTPAMAXRATE	RATE	CPSM	4	AVG	Peak AMAX rate for interval	E410+	112
INTPGIRATE	RATE	CPSM	4	AVG	Page-in rate for monitor interval		248
INTPGORATE	RATE	CPSM	4	AVG	Page-out rate for monitor interval		260
INTPTSKRATE	RATE	CPSM	4	AVG	Peak task rate for interval		92
INTSIORATE	RATE	CPSM	4	AVG	Start I/O rate for monitor interval		280
INTTASKRATE	RATE	CPSM	4	AVG	Task rate for interval		84
INTVTRANS	CNUMERIC	STAT	4	AVG	Transactions run since last CPSM statistics reset		392
IRCSTAT	CVDAS	INQ	4	LIKE	Interregion communication (IRC) status		72
IRCSTAT Output valid values	<ul style="list-style-type: none"> <li>• OPEN</li> <li>• CLOSED</li> <li>• CLOSING</li> <li>• IMMCLOSING</li> </ul>						
JOBNAME	CHAR	INQ	8	DIFF	Job name		24
LASTRESET	TIMESTP	STAT	8	MAX	Last statistics reset time		128
LOADHWMC	CNUMERIC	STAT	4	AVG	Number of times peak suspended tasks reached		156
LOADHWMW	CNUMERIC	STAT	4	AVG	Peak number of tasks waiting for load requests		152
LOADPNIU	CNUMERIC	STAT	4	AVG	Number of programs on not-in-use queue		184
LOADREQS	CNUMERIC	STAT	4	AVG	Number of load requests		120
LOADRNIU	CNUMERIC	STAT	4	AVG	Number of reclaims from not-in-use queue		188
LOADTIME	INT16US	STAT	4	AVG	Total loading time		136
LOADTNIU	INTTSTP	STAT	8	AVG	Total time to remove not-in-use programs		176
LOADWAIT	INT16US	STAT	4	AVG	Total load waiting time		160
LOADWCNT	CNUMERIC	STAT	4	AVG	Number of tasks that have waited for load requests		148
LUCURR	CNUMERIC	STAT	4	AVG	Number of LUs currently logged on		300
LUHWM	CNUMERIC	STAT	4	AVG	Highest number of LUs logged on at any one time		304
MAXTASKS	BINARY	INQ	4	AVG	Maximum number of active and suspended tasks		40
MAXTRCNT	BINARY	STAT	4	AVG	Number of times MAXTASK limit reached		332
MROBATCH	BINARY	INQ	4	AVG	Number of MRO requests to be batched		56
MVSSYSID	CHAR	CPSM	4	DIFF	MVS system ID		32
OSLEVEL	CHAR	INQ	6	DIFF	z/OS level		414
PAGEIN	BINARY	CPSM	4	AVG	Number of page-in requests		240
PAGEOUT	BINARY	CPSM	4	AVG	Number of page-out requests		252
PEAKAMAX	CNUMERIC	STAT	2	AVG	Peak number of user tasks eligible for dispatch	E410+	116
PEAKTASKS	BINARY	STAT	2	AVG	Peak number of tasks in system		96
PEKACTVUSRTR	CNUMERIC	STAT	4	AVG	Peak number of active user transaction		344

Table 676. MCICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Offset
PEKQUEDUSRTR	CNUMERIC	STAT	4	AVG	Peak number of queued user transactions		348
PLASTRESET	DECTIME	STAT	4	AVG	Last reset time		404
PRGMRCMP	CNUMERIC	STAT	4	AVG	Number of programs removed by compression		168
PRGMUCNT	CNUMERIC	STAT	4	AVG	Number of uses of any program by the CICS system		140
PRGMWAIT	CNUMERIC	STAT	4	AVG	Current number of waiting loader requests		144
PROGAUTOATTM	CNUMERIC	STAT	4	AVG	Number of program autoinstall attempts		376
PROGAUTOFAIL	CNUMERIC	STAT	4	AVG	Number of failed program autoinstall attempts		384
PROGAUTOXREJ	CNUMERIC	STAT	4	AVG	Number of times autoinstall prog request rejected		380
PRSSERRORCNT	CNUMERIC	STAT	4	AVG	Persistent sessions error count		324
PRSSINQCNT	CNUMERIC	STAT	4	AVG	Number of CICS persistent-session inquiries		308
PRSSNIBCNT	CNUMERIC	STAT	4	AVG	Number of VTAM sessions that persisted		312
PRSSOPNCNT	CNUMERIC	STAT	4	AVG	Number of persistent sessions successfully restored		316
PRSSUNBNCNT	CNUMERIC	STAT	4	AVG	Number of persistent sessions that were terminated		320
RDEBRBLD	CNUMERIC	STAT	4	AVG	Number of times DFHRPL reopened and load retried		164
REALSTG	CNUMERIC	CPSM	4	AVG	Real storage in use		264
RELEASE	CHAR	INQ	4	DIFF	CICS Release		388
SDMPSUPP	CNUMERIC	STAT	4	AVG	Number of system dumps suppressed		196
SDMPTOTL	CNUMERIC	STAT	4	AVG	Number of system dumps taken		192
SIORREQ	BINARY	CPSM	8	AVG	Number of I/O requests		268
STRTTIME	TIMESTP	CPSM	8	MAX	CICS start time		216
SYSDUMP	CVDAS	INQ	4	LIKE	System dump status		48
SYSDUMP Output valid values	<ul style="list-style-type: none"> <li>• SYSDUMP</li> <li>• NOSYSDUMP</li> </ul>						
SYSID	CHAR	CPSM	4	DIFF	CICS system ID		208
TDMPSUPP	CNUMERIC	STAT	4	AVG	Number of transaction dumps suppressed		204
TDMPTOTL	BINARY	STAT	4	AVG	Number of transaction dumps taken		200
TOTACTVUSRTR	CNUMERIC	STAT	4	AVG	Total number of active user transactions		352
TOTDELYUSRTR	CNUMERIC	STAT	4	AVG	Total number of queued user transactions		356
TOTLTASKS	BINARY	STAT	8	AVG	Total number of tasks		396
TOTQUETIME	INTTSTP	STAT	8	AVG	Total time queued transactions waited		360
VTMACBDOPE	CNUMERIC	STAT	2	AVG	Number of times VTAM ACB dynamically opened		296
VTMRPLMAX	DECIMAL	STAT	4	AVG	Number of times RPL maximum value was reached		288

Table 676. MCICSRGN resource table attributes (continued)							
Name	Datatype	Source	Len	Sum	Description	Get Invalid	Offset
VTMRPLPOST	DECIMAL	STAT	2	AVG	Maximum number of VTAM RPLs posted		292
VTMSOSCNT	CNUMERIC	STAT	2	AVG	Number of times VTAM had short-on-storage status		294
VTMSTATUS	CVDAS	INQ	4	LIKE	CICS-VTAM connection status		284
VTMSTATUS Output valid values	<ul style="list-style-type: none"> <li>• OPEN</li> <li>• CLOSED</li> <li>• CLOSING</li> <li>• IMMCLOSING</li> <li>• FORCECLOSING</li> <li>• NOTAPPLIC</li> </ul>						





# Chapter 293. MCMDT Resource Table

A CICS Monitored resource that describes a subset of the data table attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is FILE.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

312

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1399

**Security Class**

OPERATE.FILE

Table 677. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 678. MCMDT FEEDBACK error codes

Value	Code	Description
9	MCMDT_NO_MON_DATA	No data for monitored resource
10	MCMDT_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 679. MCMDT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
<b>FILE-1</b>	CHAR	INQ	8	DIFF	File identifier	24
ADDCNT	BINARY	STAT	4	AVG	Number of add requests	124
ADDFRREAD	CNUMERIC	STAT	4	AVG	Add requests resulting from reads	196
ADDREJ	CNUMERIC	STAT	4	AVG	Add requests rejected by exit	204
ADDREQ	CNUMERIC	STAT	4	AVG	Total add requests	200
ADDTFULL	CNUMERIC	STAT	4	AVG	Total add requests when table full	208
BROWSECNT	BINARY	STAT	4	AVG	Number of browse requests	120
CONTENTION	CNUMERIC	STAT	4	AVG	CFDT contention count	304
CURCOUNT	CNUMERIC	STAT	4	AVG	Current record count	236
CURDEXCPRATE	RATE	CPSM	4	AVG	VSAM data EXCP rate current sample	156
CURIEXCPRATE	RATE	CPSM	4	AVG	VSAM index EXCP rate current sample	164
CURMRQRATE	RATE	CPSM	4	AVG	MDT request rate for current sample	228
CURREADRATE	RATE	CPSM	4	AVG	Successful read rate current sample	184
CURREQRATE	RATE	CPSM	4	AVG	Request rate for current sample	140
DELETREQ	CNUMERIC	STAT	4	AVG	Total delete requests	216
DEXPCNT	BINARY	STAT	4	AVG	VSAM EXCP count data component	148
DSNAME	CHAR	INQ	44	DIFF	Data set name	36
ENABLESTATUS	CV DAS	INQ	4	LIKE	Enabled status	80
ENABLESTATUS Output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> <li>• UNENABLED</li> <li>• DISABLING</li> <li>• UNENABLING</li> </ul>					
GETCNT	BINARY	STAT	4	AVG	Number of get requests	112
GETUPDCNT	BINARY	STAT	4	AVG	Number of get update requests	116
IEXPCNT	BINARY	STAT	4	AVG	VSAM EXCP count INDX component	152
INTDEXCPRATE	RATE	CPSM	4	AVG	VSAM data EXCP rate for interval	160
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval identifier	16
INTIEXCPRATE	RATE	CPSM	4	AVG	VSAM index EXCP rate for interval	168
INTMRQRATE	RATE	CPSM	4	AVG	MDT request rate for interval	232
INTREADRATE	RATE	CPSM	4	AVG	Successful read rate for interval	188
INTREQRATE	RATE	CPSM	4	AVG	Request rate for interval	144
LOCDELNT	BINARY	STAT	4	AVG	Number of local delete requests	132
LSRPOOLID	BINARY	INQ	2	MAX	LSR Pool number	276
MAXNUMRECS	BINARY	INQ	4	AVG	Maximum records table can hold	84
MAXTSIZE	CNUMERIC	STAT	4	AVG	Highest table size	220
NUMACTSTRING	CNUMERIC	STAT	2	AVG	Number of active strings	282
NUMDATBUFF	CNUMERIC	STAT	2	AVG	Number of data buffers	278
NUMINDEXBUFF	CNUMERIC	STAT	2	AVG	Number of index buffers	280
NUMSTRINGWT	CNUMERIC	STAT	2	AVG	Number of active string waits	284

Table 679. MCMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
OPENSTATUS	CVDAS	INQ	4	LIKE	Open status	88
OPENSTATUS Output valid values	<ul style="list-style-type: none"> <li>• OPEN</li> <li>• CLOSED</li> <li>• OPENING</li> <li>• CLOSING</li> <li>• CLOSEREQUEST</li> </ul>					
POOLNAME	CHAR	INQ	8	DIFF	CFDT pool name	286
READRETRY	CNUMERIC	STAT	4	AVG	Read retries	240
READS	CNUMERIC	STAT	4	AVG	Successful reads	180
RECNOTFND	CNUMERIC	STAT	4	AVG	Total records not found in table	192
RECORDSIZE	BINARY	INQ	4	AVG	Record size	92
REWRITE	CNUMERIC	STAT	4	AVG	Total rewrite requests	212
STGALCINU	CNUMERIC	STAT	4	AVG	Total storage in use	248
STGALCTOT	CNUMERIC	STAT	4	AVG	Total storage allocated	244
STGDTAINU	CNUMERIC	STAT	4	AVG	Data storage in use	272
STGDTATOT	CNUMERIC	STAT	4	AVG	Data storage allocated	268
STGENTINU	CNUMERIC	STAT	4	AVG	Entries storage in use	256
STGENTTOT	CNUMERIC	STAT	4	AVG	Entries storage allocated	252
STGIDXINU	CNUMERIC	STAT	4	AVG	Index storage in use	264
STGIDXTOT	CNUMERIC	STAT	4	AVG	Index storage allocated	260
STRINGS	BINARY	INQ	4	AVG	Strings	96
TABLE	CVDAS	INQ	4	LIKE	Data table indicator	100
TABLE Output valid values	<ul style="list-style-type: none"> <li>• CICSTABLE</li> <li>• USERTABLE</li> <li>• CFTABLE</li> <li>• NOTTABLE</li> </ul>					
TABLENAME	CHAR	INQ	8	DIFF	CFDT table name	294
TIMECLOSE	DECTSTP	STAT	4	MAX	Time closed	104
TIMEOPEN	DECTSTP	STAT	4	MAX	Time opened	108
TOTLREQCNT	SUM	STAT	4	AVG	Sum of all requests	136
TOTMREQCNT	SUM	STAT	4	AVG	Sum of all MDT requests	224
UPDATECNT	BINARY	STAT	4	AVG	Number of update requests	128
VSAMTYPE	CVDAS	INQ	4	LIKE	VSAM file type	32
VSAMTYPE Output valid values	<ul style="list-style-type: none"> <li>• ESDS</li> <li>• KSDS</li> <li>• RRDS</li> </ul>					
WSTRCCURCNT	BINARY	STAT	4	AVG	Wait on string maximum concurrent count	176
WSTRCNT	BINARY	STAT	4	AVG	Wait on string total count	172



# Chapter 294. MCONNECT Resource Table

A CICS Monitored resource that describes a subset of the connection attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

216

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1370

**Security Class**

OPERATE.CONNECT

Table 680. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 681. MCONNECT FEEDBACK error codes

Value	Code	Description
9	MCONNECT_NO_MON_DATA	No data for monitored resource
10	MCONNECT_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 682. MCONNECT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	INQ	4	DIFF	Connection ID	24
ACCESSMETHOD	CVDAS	INQ	4	LIKE	Access method	48
ACCESSMETHOD Output valid values	<ul style="list-style-type: none"> <li>• VTAM</li> <li>• IRC</li> <li>• INDIRECT</li> <li>• XM</li> </ul>					
AIDS	BINARY	STAT	2	AVG	Number of automatic initiate descriptors (AIDs)	56
ALLOCATES	BINARY	STAT	4	AVG	Total number of allocate requests	80
ALLOCQLIMIT	CNUMERIC	STAT	2	AVG	Allocate queue limit (QUEUELIMIT)	152
ATISBPRI	BINARY	STAT	4	AVG	Number of ATIs satisfied by primary sessions	60
ATISBSEC	BINARY	STAT	4	AVG	Number of ATIs satisfied by secondary sessions	68
BIDSENT	BINARY	STAT	4	AVG	Total number of bids sent	76
CONCURBIDS	BINARY	STAT	2	AVG	Number of bids currently in progress	126
CONNCREATIME	TIMESTP	STAT	8	MAX	Local connection create time	184
CONNDELETIME	TIMESTP	STAT	8	MAX	Local connection delete time	200
CONNSTATUS	CVDAS	INQ	4	LIKE	Connection status	44
CONNSTATUS Output valid values	<ul style="list-style-type: none"> <li>• RELEASED</li> <li>• OBTAINING</li> <li>• ACQUIRED</li> <li>• FREEING</li> <li>• AVAILABLE</li> </ul>					
CURFCFSRATE	RATE	CPSM	4	AVG	File Control ship rate for current sample	128
DLIFUNCSHIP	BINARY	STAT	4	AVG	Number of DL/I function ships	116
DPLFUNCSHIP	BINARY	STAT	4	AVG	Number of Distributed Program Link function ships	212
EXIT_REJALLC	CNUMERIC	STAT	4	AVG	Allocates rejected because QUEUELIMIT reached	136
FAILEDOTHERS	BINARY	STAT	4	AVG	Number of allocate requests with other failure	96
FAILINKALLOC	BINARY	STAT	4	AVG	Number of allocate requests with link failure	92
FCFUNCSHIP	BINARY	STAT	4	AVG	Number of File Control function ships	100
GMTCREATIME	TIMESTP	STAT	8	MAX	GMT connection create time	176
GMTDELETIME	TIMESTP	STAT	8	MAX	GMT connection delete time	192
ICFUNCSHIP	BINARY	STAT	4	AVG	Number of Interval Control function ships	104
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	16
INTFCFSRATE	RATE	CPSM	4	AVG	File Control ship rate for interval	132
MAXBIDS	BINARY	STAT	4	AVG	Maximum number of concurrent bids	72
MAXPRIMARIES	CNUMERIC	STAT	2	AVG	Peak number of primary sessions in use	124
MAXQTALLCPRG	CNUMERIC	STAT	2	AVG	Number of allocates purged when MAXQTIME exceeded	164

Table 682. MCONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
MAXQTIME	CNUMERIC	STAT	2	AVG	Maximum queue time	150
MAXQTPURGCNT	CNUMERIC	STAT	2	AVG	Number of allocate queue purges due to MAXQTIME value	148
MAXSECOND	BINARY	STAT	4	AVG	Peak number of secondaries in use at one time	64
NETNAME	CHAR	INQ	8	DIFF	Net name	28
NONSPECAID	BINARY	STAT	2	AVG	Number of AIDs waiting for a session	58
OUTSALLOC	BINARY	STAT	4	AVG	Peak number of outstanding allocate requests	84
PRICURRUSED	CNUMERIC	STAT	2	AVG	Number of primaries currently in use	208
PROTOCOL	CVDAS	INQ	4	LIKE	Connection protocol	36
PROTOCOL Output valid values	<ul style="list-style-type: none"> <li>• LU61</li> <li>• APPC</li> <li>• NOTAPPLIC</li> </ul>					
QUEDALLOCATE	BINARY	STAT	4	AVG	Number of queued allocate requests	88
RECEIVECOUNT	CNUMERIC	INQ	4	AVG	Number of defined receive sessions	140
SECCURRUSED	CNUMERIC	STAT	2	AVG	Number of secondaries currently in use	210
SENDCOUNT	CNUMERIC	INQ	4	AVG	Number of defined send sessions	144
SERVSTATUS	CVDAS	INQ	4	LIKE	Service status	52
SERVSTATUS Output valid values	<ul style="list-style-type: none"> <li>• INSERVICE</li> <li>• OUTSERVICE</li> <li>• GOINGOUT</li> </ul>					
TDFUNCSHIP	BINARY	STAT	4	AVG	Number of Transient Data function ships	108
TERMSHAREREQ	BINARY	STAT	4	AVG	Number of terminal sharing requests	120
TOTFUNCSHIP	SUM	STAT	4	AVG	Total number of function ships	168
TSFUNCSHIP	BINARY	STAT	4	AVG	Number of Temporary Storage function ships	112
TYPE	EYUDA	CPSM	4	LIKE	Connection type	40
TYPE Output valid values	<ul style="list-style-type: none"> <li>• LU61</li> <li>• LU62</li> <li>• INDIRECT</li> <li>• MRO</li> </ul>					
XZIQALLCPRG	CNUMERIC	STAT	2	AVG	Number of allocates purged by XZIQUE exit	162
XZIQPRGCNT	CNUMERIC	STAT	2	AVG	Number of queue purges requested by XZIQUE exit	160
XZIQREJS	CNUMERIC	STAT	4	AVG	Number of allocates rejected by XZIQUE exit	156





# Chapter 295. MDB2THRD Resource Table

A CICS Monitored resource that describes a subset of the Db2 thread attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is INITTRAN.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

112

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1389

**Security Class**

OPERATE.DB2DBCTL

Table 683. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 684. MDB2THRD FEEDBACK error codes

Value	Code	Description
9	MDB2THRD_NO_MON_DATA	No data for monitored resource
10	MDB2THRD_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 685. MDB2THRD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
INITTRAN-1	CHAR	CPSM	4	DIFF	Initial transaction	24
ABORTCNT	BINARY	CPSM	4	AVG	Number of aborts	88
AUTHCNT	BINARY	CPSM	4	SUM	Number of authorizations done	68
AUTHTYPE	EYUDA	CPSM	4	LIKE	Authorization type	28
AUTHTYPE Output valid values	<ul style="list-style-type: none"> <li>• USER</li> <li>• TERMID</li> <li>• TRANID</li> <li>• SIGNID</li> <li>• CHARSTR</li> <li>• USERID</li> <li>• RACFGID</li> <li>• NULL</li> </ul>					
CURTHREADS	BINARY	CPSM	2	AVG	Current number of threads	42
CURUSERATE	RATE	CPSM	4	AVG	Usage rate for current sample	76
DPMODE	EYUDA	CPSM	4	LIKE	Dispatching mode	32
DPMODE Output valid values	<ul style="list-style-type: none"> <li>• HIGH</li> <li>• LOW</li> <li>• EQ</li> </ul>					
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval identifier	16
INTUSERATE	RATE	CPSM	4	AVG	Usage rate for interval	80
MAXTHREADS	BINARY	CPSM	2	AVG	Maximum number of threads	40
NAME	CHAR	CPSM	4	DIFF	DB2 subsystem	102
OTHERIDS	BINARY	CPSM	4	AVG	Number of transactions in group	96
PLANNAME	CHAR	CPSM	8	DIFF	Plan name if not dynamic allocation	60
PLANPRGM	CHAR	CPSM	8	DIFF	Dynamic plan allocation exit program	52
READCOMMIT	BINARY	CPSM	4	AVG	Number of read only commits	92
ROLLBACKOPT	EYUDA	CPSM	4	LIKE	Rollback option	36
ROLLBACKOPT Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>					
RSVTHREADS	BINARY	CPSM	4	AVG	Reserved threads	44
THREADHWM	BINARY	CPSM	2	MAX	Peak number of threads in use	100
THREADWAIT	BINARY	CPSM	4	SUM	Number of thread waits	84
THREADWOPT	EYUDA	CPSM	4	LIKE	Thread wait option	48
THREADWOPT Output valid values	<ul style="list-style-type: none"> <li>• TWAIT</li> <li>• NOTWAIT</li> <li>• POOL</li> <li>• YES</li> <li>• NO</li> <li>• NA</li> </ul>					
USECOUNT	BINARY	CPSM	4	SUM	Number of times plan used	72

# Chapter 296. METADESC Resource Table

A CPSM MetaData resource that describes the basic structure and layout of an attribute in the resource table instance data structure.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**Object type**

CICSplex SM Metadata

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2546

Table 686. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 687. METADESC resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
NAME-1	CHAR	CPSM	12	DIFF	Attribute name	0
DATATYPE	BINARY	CPSM	1	AVG	Data type	16

Table 687. METADESC resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
DATATYPE Input/output valid values	<ul style="list-style-type: none"> <li>• 0 (COMP) - Component Identifier</li> <li>• 4 (BIN) - Binary Numeric</li> <li>• 8 (RATE) - Binary Derived Rate</li> <li>• 12 (PER) - Binary Derived Percent</li> <li>• 16 (SUM) - Binary Derived Sum</li> <li>• 20 (RATO) - Binary Derived Ratio</li> <li>• 24 (AVG) - Binary Derived Average</li> <li>• 28 (TSTP) - System/370 Timestamp</li> <li>• 32 (BIT) - Bit</li> <li>• 36 (TEXT) - Text</li> <li>• 40 (CHAR) - Character</li> <li>• 44 (EYUD) - EYUDA</li> <li>• 48 (CVDS) - CVDA Standard</li> <li>• 52 (CVDT) - CVDA Terminal</li> <li>• 56 (REST) - Resource Type</li> <li>• 60 (PACK) - Packed Decimal</li> <li>• 64 (DATE) - Date</li> <li>• 68 (ILBL) - Internal Label Field</li> <li>• 72 (HHMM) - Binary HHMM</li> <li>• 76 (SCLK) - Interval Store Clock</li> <li>• 80 (IUSC) - Interval Microseconds</li> <li>• 84 (IMSC) - Interval Milliseconds</li> <li>• 88 (16US) - Interval 16 Microseconds</li> <li>• 92 (ISEC) - Interval Seconds</li> <li>• 96 (IUSS) - Interval Store Clock delta</li> <li>• 100 (DTGP) - Date Time Group</li> <li>• 104 (DECT) - Packed Decimal Timestamp</li> <li>• 108 (ADDR) - Address</li> <li>• 112 (CNUM) - Coded Numeric</li> <li>• 116 (HCHR) - Non Display Character</li> <li>• 120 (HEX) - Hexadecimal</li> <li>• 124 (TBLV) - Table version</li> <li>• 128 (RAT3) - Binary derived rate 3DP</li> <li>• 132 (PER3) - Binary derived percent 3DP</li> <li>• 136 (SUM3) - Binary derived sum 3DP</li> <li>• 140 (AVG3) - Binary derived average 3DP</li> <li>• 144 (DECS) - Packed Decimal Time - No Tenths</li> <li>• 152 (SC12) - Interval Store Clock Length 12</li> <li>• 156 (BITS) - String of bit flags</li> </ul>					
INHERIT	CHAR	CPSM	1	DIFF	Inherit value	17
INHERIT Input/output valid values	<ul style="list-style-type: none"> <li>• N (NO) - Attribute not Inheritable</li> <li>• Y (YES) - Attribute is Inheritable</li> </ul>					
LENGTH	BINARY	CPSM	2	AVG	Attribute length	12
OFFSET	BINARY	CPSM	2	AVG	Attribute offset in table	14

## Chapter 297. METANAME Resource Table

A CPSM MetaData resource that provides information about CVDASs, CVDATs and EYUDAs.

The **Primary** key field for this resource class is NAMETYPE.

The **Secondary** key field for this resource class is VALUE.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Metadata

### Length

40

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2634

Table 688. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 689. METANAME resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
<b>NAMETYPE-1</b>	BINARY	CPSM	1	DIFF	Type of data	0
NAMETYPE-1 Input/output valid values	<ul style="list-style-type: none"><li>1 (CVDAS) - Standard CVDA</li><li>2 (CVDAT) - Terminal CVDA</li><li>3 (EYUDA) - EYUDA</li></ul>					
<b>VALUE-2</b>	BINARY	CPSM	4	DIFF	Numeric value of CVDA or EYUDA	4
DESCRIPTION	CHAR	CPSM	16	DIFF	Short description	20
NAME	CHAR	CPSM	12	DIFF	Name of CVDA or EYUDA	8



## Chapter 298. METAPARM Resource Table

A CPSM MetaData resource that provides information about a parameter for an action.

The **Primary** key field for this resource class is TABLE.

The **Secondary** key field for this resource class is ACTION.

The **Tertiary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Metadata

### Length

112

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2633

Table 690. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 691. METAPARM resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
TABLE-1	CHAR	CPSM	8	DIFF	Base table name	0
ACTION-2	CHAR	CPSM	12	DIFF	Action name	8
NAME-3	CHAR	CPSM	12	DIFF	Parameter literal in API parameter string	20
CICSVALAVAIL	CHAR	CPSM	1	DIFF	CICS validity data available	95
CICSVALAVAIL Input/output valid values	<ul style="list-style-type: none"><li>Y (YES) - CICS Validity active</li><li>N (NO) - No CICS Validity data</li></ul>					
DATE	CHAR	CPSM	1	DIFF	Parameter represents a date	102
DATE Input/output valid values	<ul style="list-style-type: none"><li>N (NO) - Parameter does not represent a date</li><li>Y (YES) - Parameter does represent a date</li></ul>					
DESCRIPTION	CHAR	CPSM	50	DIFF	Description	45
GROUP_ID	BINARY	CPSM	1	AVG	Parameter token	36
ID	BINARY	CPSM	4	AVG	Parameter number	32

Table 691. METAPARM resource table attributes (continued)						
Name	Datatype	Source	Len	Sum	Description	Offset
MODE	BINARY	CPSM	1	DIFF	Mode of application of parameter	44
MODE Input/output valid values	<ul style="list-style-type: none"> <li>1 (COPY) - Copy from base table</li> <li>2 (LIST) - Array of values</li> <li>3 (FLAG) - Bit setting</li> <li>4 (KEYWORD) - Keyword in API parm string</li> <li>5 (FILTER) - Filter string</li> <li>6 (INPUT) - API keyword with value</li> <li>7 (MODFLAG) - Base table field with existence bit</li> <li>8 (OVERRIDE) - Base table field with existence bit</li> </ul>					
PICKLIST	CHAR	CPSM	1	DIFF	Picklist supported	104
PICKLIST Input/output valid values	<ul style="list-style-type: none"> <li>N (NO) - Picklist not supported</li> <li>Y (YES) - Picklist supported</li> </ul>					
REQUIRED	CHAR	CPSM	1	DIFF	Parameter required	37
REQUIRED Input/output valid values	<ul style="list-style-type: none"> <li>N (NO) - Parameter is mandatory</li> <li>Y (YES) - Parameter is optional</li> </ul>					
TIME	CHAR	CPSM	1	DIFF	Parameter represents a time	103
TIME Input/output valid values	<ul style="list-style-type: none"> <li>N (NO) - Parameter does not represent a time</li> <li>Y (YES) - Parameter does represent a time</li> </ul>					
VALCICSES2	BIT	CPSM	1	LIKE	Not valid in CICS Transaction Server for z/OS byte 2	100
VALCICSES2 Input/output valid values	<ul style="list-style-type: none"> <li>128 (E630) - CICS Transaction Server for z/OS, Version 2 Release 3</li> <li>64 (E640) - CICS Transaction Server for z/OS, Version 3 Release 1</li> <li>32 (E650) - CICS Transaction Server for z/OS, Version 3 Release 2</li> <li>16 (E660) - CICS Transaction Server for z/OS, Version 4 Release 1</li> <li>8 (E670) - CICS Transaction Server for z/OS, Version 4 Release 2</li> <li>4 (E680) - CICS Transaction Server for z/OS, Version 5 Release 1</li> <li>2 (E690) - CICS Transaction Server for z/OS, Version 5 Release 2</li> <li>1 (E700) - CICS Transaction Server for z/OS, Version 5 Release 3</li> </ul>					
VALCICSES3	BIT	CPSM	1	LIKE	Not valid in CICS Transaction Server for z/OS byte 3	101
VALCICSES3 Input/output valid values	<ul style="list-style-type: none"> <li>128 (E710) - CICS Transaction Server for z/OS, Version 5 Release 4</li> <li>64 (E720) - CICS Transaction Server for z/OS, Version 5 Release 5</li> <li>32 (E730) - CICS Transaction Server for z/OS, Version 5 Release 6</li> </ul>					
VALCICSESA	BIT	CPSM	1	LIKE	Not valid in CICS/ESA	96
VALCICSESA Input/output valid values	<ul style="list-style-type: none"> <li>128 (M212) - CICS/MVS 212</li> <li>64 (E330) - CICS/ESA 330</li> <li>32 (E410) - CICS/ESA 410</li> <li>16 (E510) - CICS Transaction Server for OS/390, Release 1</li> <li>8 (E520) - CICS Transaction Server for OS/390, Release 2</li> <li>4 (E530) - CICS Transaction Server for OS/390, Release 3</li> <li>2 (E610) - CICS Transaction Server for z/OS, Version 2 Release 1</li> <li>1 (E620) - CICS Transaction Server for z/OS, Version 2 Release 2</li> </ul>					
VALCICSOS2	BIT	CPSM	1	LIKE	Not valid in CICS/OS2	98
VALCICSOS2 Input/output valid values	<ul style="list-style-type: none"> <li>128 (O201) - CICS OS/2 201</li> <li>64 (O300) - CICS OS/2 300</li> <li>32 (O311) - CICS OS/2 310</li> </ul>					
VALCICSVSE	BIT	CPSM	1	LIKE	Not valid in CICS/VSE	97



Table 691. METAPARM resource table attributes (continued)						
Name	Datatype	Source	Len	Sum	Description	Offset
VALCICSVSE Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (V220) - CICS/VSE 220</li> <li>• 64 (V230) - CICS/VSE 230</li> <li>• 32 (V410) - CICS/VSE 410</li> </ul>					
VALCICSWNT	BIT	CPSM	1	LIKE	Not valid in CICS for Windows	99
VALCICSWNT Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (N430) - CICS for Windows 430</li> <li>• 64 (N500) - CICS for Windows 500</li> </ul>					
VALUE	BINARY	CPSM	4	AVG	Parameter value	40
WLMOWNER	CHAR	CPSM	1	DIFF	Workload owner parameter required	39
WLMOWNER Input/output valid values	<ul style="list-style-type: none"> <li>• N (NO) - Parameter is mandatory</li> <li>• Y (YES) - Parameter is optional</li> </ul>					
WORKLOAD	CHAR	CPSM	1	DIFF	Workload parameter required	38
WORKLOAD Input/output valid values	<ul style="list-style-type: none"> <li>• N (NO) - Parameter is mandatory</li> <li>• Y (YES) - Parameter is optional</li> </ul>					



# Chapter 299. MFEPICON Resource Table

A CICS Monitored resource that describes a subset of the FEPI connection attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is TARGETNAME.

The **Secondary** key field for this resource class is NODENAME.

While the MFEPICON resource class identifies multiple key attributes, only the TARGETNAME attribute can be specified in an EVALDEF INSTANCE attribute.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

104

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1401

**Security Class**

OPERATE.FEPI

Table 692. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 693. MFEPICON FEEDBACK error codes

Value	Code	Description
9	MFEPICON_NO_MON_DATA	No data for monitored resource

Table 693. MFEPICON FEEDBACK error codes (continued)

Value	Code	Description
10	MFEPICON_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 694. MFEPICON resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
TARGETNAME-1	CHAR	INQ	8	DIFF	Target name	24
NODENAME-2	CHAR	INQ	8	DIFF	Node name	32
ACQSTATUS	CVDAS	INQ	4	LIKE	Acquired status	84
ACQSTATUS Output valid values	<ul style="list-style-type: none"> <li>• ACQUIRED</li> <li>• ACQUIRING</li> <li>• RELEASED</li> <li>• RELEASING</li> <li>• INSTALLED</li> <li>• NOTINSTALLED</li> </ul>					
ACQUIRES	BINARY	STAT	4	AVG	Number of acquires	48
CHARSRECVD	CNUMERIC	STAT	4	AVG	Number of characters received	72
CHARSENT	CNUMERIC	STAT	4	AVG	Number of characters sent	68
CONVERSATNS	CNUMERIC	STAT	4	AVG	Number of conversations	60
CSACQRATE	RATE	CPSM	4	AVG	Acquire rate for current sample	52
ERRORS	CNUMERIC	STAT	4	AVG	Number of error conditions	80
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	16
MIACQRATE	RATE	CPSM	4	AVG	Acquire rate for monitor interval	56
POOLNAME	CHAR	STAT	8	DIFF	Pool name	40
RECVMTIMEOUT	CNUMERIC	STAT	4	AVG	Number of receive timeouts	76
SERVSTATUS	CVDAS	INQ	4	LIKE	Connection service state	88
SERVSTATUS Output valid values	<ul style="list-style-type: none"> <li>• INSERVICE</li> <li>• OUTSERVICE</li> <li>• GOINGOUT</li> </ul>					
STATE	CVDAS	INQ	4	LIKE	Conversation status	92

Table 694. MFEPICON resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
STATE Output valid values	<ul style="list-style-type: none"> <li>• NOCONV</li> <li>• PENDSTSN</li> <li>• STSN</li> <li>• PENDBEGIN</li> <li>• BEGINSSESSION</li> <li>• APPLICATION</li> <li>• PENDDATA</li> <li>• PENDSTART</li> <li>• PENDFREE</li> <li>• FREE</li> <li>• PENDRELEASE</li> <li>• RELEASE</li> <li>• PENDUNSOL</li> <li>• UNSOLDATA</li> <li>• PENDPASS</li> </ul>					
UNSOLICINP	CNUMERIC	STAT	4	AVG	Number of unsolicited inputs	64
WAITCONVNUM	BINARY	INQ	4	AVG	Number of conversations waiting for connection	96



# Chapter 300. MGMPART Resource Table

A management part for an application or platform. The management part associates the application or platform with the CICS bundles that they are managing in the CICS regions.

The **Primary** key field for this resource class is ID.

The following actions are supported:

**GET**

Retrieve information about a management part.

**External resource name(CMCI)**

CICSManagementPart

**Object type**

CICSplex SM Manager

**Length**

360

**Usage**

API, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3528

**Security Class**

CLOUD.PLATFORM

Table 695. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 696. MGMPART FEEDBACK error codes

Value	Code	Description
1	MGMPART_REC_NOT_FOUND	Management part not found

Table 697. MGMPART resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
ID-1	HEX	CPSM	8	MIN	ID	36
APPLDEF	CHAR	CPSM	8	DIFF	Application definition	180
APPLICATION	CHAR	CPSM	64	DIFF	Application	116
APPLMAJORVER	BINARY	CPSM	4	MAX	Application major version number	188
APPLMICROVER	BINARY	CPSM	4	MAX	Application micro version number	196

Table 697. MGMTPART resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
APPLMINORVER	BINARY	CPSM	4	MAX	Application minor version number	192
AVAILSTATUS	EYUDA	CPSM	4	LIKE	Management part bundle availability status	352
AVAILSTATUS Output valid values	<ul style="list-style-type: none"> <li>• AVAILABLE</li> <li>• UNAVAILABLE</li> <li>• SOMEAVAIL</li> <li>• NONE</li> </ul>					
BUNDLE	CHAR	CPSM	64	DIFF	Bundle ID	272
BUNDMAJORVER	BINARY	CPSM	4	MAX	Bundle major version number	336
BUNDMICROVER	BINARY	CPSM	4	MAX	Bundle micro version number	344
BUNDMINORVER	BINARY	CPSM	4	MAX	Bundle minor version number	340
CHANGEAGENT	CVDAS	CPSM	4	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• DREPAPI</li> </ul>					
CHANGEAGREL	CHAR	CPSM	4	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	MAX	Last modification	0
CHANGEUSRID	CHAR	CPSM	8	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	MAX	Time created	16
ENABLESTATUS	EYUDA	CPSM	4	LIKE	Management part bundle enable status	348
ENABLESTATUS Output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> <li>• ENABLING</li> <li>• DISABLING</li> <li>• EMPTY</li> <li>• INVALIDSCOPE</li> <li>• SOMEDISABLED</li> <li>• IMPORTONLY</li> <li>• INCOMPLETE</li> <li>• INSTALLING</li> <li>• DISCARDING</li> </ul>					
INSTALLSCOPE	CHAR	CPSM	8	DIFF	Bundle install request scope	264
PLATDEF	CHAR	CPSM	8	DIFF	Platform definition	108
PLATFORM	CHAR	CPSM	64	DIFF	Platform	44
REGIONTYPE	CHAR	CPSM	64	DIFF	Region type	200



# Chapter 301. MINDTDQ Resource Table

A CICS Monitored resource that describes a subset of the indirect transient data queue attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is TDQUEUE.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

48

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1386

**Security Class**

OPERATE.TDQUEUE

Table 698. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 699. MINDTDQ FEEDBACK error codes

Value	Code	Description
9	MINDTDQ_NO_MON_DATA	No data for monitored resource
10	MINDTDQ_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 700. MINDTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
TDQUEUE-1	CHAR	INQ	4	DIFF	Queue identifier	24
CUROUTQRATE	RATE	CPSM	4	AVG	Output rate for current sample	40
INDIRECTNAME	CHAR	INQ	4	DIFF	Indirect queue name	28
INDIRECTTYPE	CVDAS	INQ	4	LIKE	Indirect queue type	32
INDIRECTTYPE Output valid values	<ul style="list-style-type: none"> <li>• INTRA</li> <li>• EXTRA</li> <li>• INDIRECT</li> <li>• REMOTE</li> </ul>					
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval identifier	16
INTOUTQRATE	RATE	CPSM	4	AVG	Output rate for interval	44
OUTCNT	BINARY	STAT	4	SUM	Number of I/O requests	36

# Chapter 302. MJOURNAL Resource Table

A CICS Monitored resource that describes a subset of the journal attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is JOURNALNUM.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

88

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1375

**Security Class**

OPERATE.JOURNAL

Table 701. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 702. MJOURNAL FEEDBACK error codes

Value	Code	Description
9	MJOURNAL_NO_MON_DATA	No data for monitored resource
10	MJOURNAL_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 703. MJOURNAL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
JOURNALNUM-1	BINARY	INQ	2	AVG	Journal number	78
ARCHSUBCNT	CNUMERIC	STAT	4	AVG	Number of archives submitted (DISK2 journal only)	56
ARCHWCNT	CNUMERIC	STAT	4	AVG	Number of archive waits (DISK2 journal only)	60
AVGSIZE	BINARY	STAT	2	AVG	Average block size	76
BLKWRCNT	DECIMAL	STAT	4	SUM	Number of blocks written	52
BUFULLCNT	DECIMAL	STAT	3	SUM	Number of times buffer full	85
CURFULLPER	PERCENT	CPSM	4	AVG	Percentage of time buffer full - current sample	68
CURVOLUME	CHAR	INQ	6	DIFF	Current volume (tape journal only)	36
DSOPENCNT	CNUMERIC	STAT	4	AVG	Number of data sets opened (DISK2 journal only)	64
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	16
INTFULLPER	PERCENT	CPSM	4	AVG	Percentage of time buffer full - monitor interval	72
JTYPE	CVDAS	INQ	4	LIKE	Journal type	28
JTYPE Output valid values	<ul style="list-style-type: none"> <li>• TAPE1</li> <li>• TAPE2</li> <li>• DISK1</li> <li>• DISK2</li> <li>• DISK2PAUSE</li> <li>• SMF</li> </ul>					
LASTVOL	CHAR	STAT	6	DIFF	Last volume written (tape journal only)	42
OLDPART	CNUMERIC	INQ	4	AVG	Oldest part (tape journal only)	32
OPENSTATUS	CVDAS	INQ	4	LIKE	Open status	24
OPENSTATUS Output valid values	<ul style="list-style-type: none"> <li>• OPENOUTPUT</li> <li>• CLOSED</li> </ul>					
RECWRCNT	DECIMAL	STAT	5	SUM	Number of records written	80
TAPESLFT	CNUMERIC	STAT	2	AVG	Number of tapes left	50
TAPESOPEN	CNUMERIC	STAT	2	AVG	Number of tapes opened	48

# Chapter 303. MJRNLNAM Resource Table

A CICS Monitored resource that describes a subset of the journal name attributes sampled by the CICSplex SM MAS Monitor agents.

Instances of this resource are only presented when monitoring MJRNL class definitions are installed in systems running the CICS TS for z/OS.

The **Primary** key field for this resource class is JOURNALNAME.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

80

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1402

**Security Class**

OPERATE.JOURNAL

Table 704. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 705. MJRNLNAM FEEDBACK error codes		
Value	Code	Description
9	MJRNLNAM_NO_MON_DATA	No data for monitored resource
10	MJRNLNAM_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 706. MJRNLNAM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
JOURNALNAME-1	CHAR	INQ	8	DIFF	Journal name	24
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	16
NUMBUFLUSH	CNUMERIC	STAT	4	AVG	Number of buffer flush requests	48
NUMBYTES	BINARY	STAT	8	AVG	Total number of bytes written	40
NUMWRITES	CNUMERIC	STAT	4	AVG	Number of journal writes	36
STREAMNAME	CHAR	INQ	26	DIFF	MVS log stream	52
TYPE	CVDAS	INQ	4	LIKE	Log stream destination	32
TYPE Output valid values	<ul style="list-style-type: none"> <li>• MVS</li> <li>• SMF</li> <li>• DUMMY</li> </ul>					

# Chapter 304. MLOCFILE Resource Table

A CICS Monitored resource that describes a subset of the local file attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is FILE.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

208

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1372

**Security Class**

OPERATE.FILE

Table 707. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 708. MLOCFILE FEEDBACK error codes

Value	Code	Description
9	MLOCFILE_NO_MON_DATA	No data for monitored resource
10	MLOCFILE_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 709. MLOCFILE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
<b>FILE-1</b>	CHAR	INQ	8	DIFF	File ID	24
ACCESSMETHOD	CVDAS	INQ	4	LIKE	Access method	36
ACCESSMETHOD Output valid values	<ul style="list-style-type: none"> <li>VSAM</li> <li>BDAM</li> </ul>					
ADDCNT	BINARY	STAT	4	AVG	Number of WRITE requests	128
BLOCKSIZE	CNUMERIC	INQ	4	AVG	Block size (BDAM only)	40
BROWSECNT	BINARY	STAT	4	AVG	The number of READNEXT and READPREV requests	124
BROWUPDCNT	CNUMERIC	STAT	4	AVG	Number of browse for update requests	196
CURDEXCPRATE	RATE	CPSM	4	AVG	Rate of data I/O operations for current sample	160
CURIEXCPRATE	RATE	CPSM	4	AVG	Rate of index I/O operations for current sample	168
CURREQRATE	RATE	CPSM	4	AVG	Request rate for current sample	144
DEXPCNT	BINARY	STAT	4	AVG	Number of I/O operations for data records	152
DSNAME	CHAR	INQ	44	DIFF	Data set name	44
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	88
ENABLESTATUS Output valid values	<ul style="list-style-type: none"> <li>ENABLED</li> <li>DISABLED</li> <li>UNENABLED</li> <li>DISABLING</li> </ul>					
GETCNT	BINARY	STAT	4	AVG	Number of READ requests	116
GETUPDCNT	BINARY	STAT	4	AVG	Number of READ UPDATE requests	120
IEXPCNT	BINARY	STAT	4	AVG	Number of I/O operations against index component	156
INTDEXCPRATE	RATE	CPSM	4	AVG	Rate of data I/O operations for monitor interval	164
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	16
INTIEXCPRATE	RATE	CPSM	4	AVG	Rate of index I/O operations for monitor interval	172
INTREQRATE	RATE	CPSM	4	AVG	Request rate for monitor interval	148
LOCDELCNT	BINARY	STAT	4	AVG	Number of DELETE requests	136
LSRPOOLID	BINARY	INQ	2	MAX	LSR Pool number	184
NUMACTSTRING	CNUMERIC	STAT	2	AVG	Number of active strings	190
NUMDATBUFF	CNUMERIC	STAT	2	AVG	Number of data buffers	186
NUMINDEXBUFF	CNUMERIC	STAT	2	AVG	Number of index buffers	188
NUMSTRINGWT	CNUMERIC	STAT	2	AVG	Current number of string waits	192
OBJECT	CVDAS	INQ	4	LIKE	Data set type (base or path)	92
OBJECT Output valid values	<ul style="list-style-type: none"> <li>BASE</li> <li>PATH</li> </ul>					
OPENSTATUS	CVDAS	INQ	4	LIKE	Open status	96



Table 709. MLOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
OPENSTATUS Output valid values	<ul style="list-style-type: none"> <li>• OPEN</li> <li>• CLOSED</li> <li>• OPENING</li> <li>• CLOSING</li> <li>• CLOSEREQUEST</li> </ul>					
RECORDSIZE	BINARY	INQ	4	AVG	Record size	100
RLSREQWTO	CNUMERIC	STAT	4	AVG	Record level sharing (RLS) request wait timeouts	200
STRINGS	BINARY	INQ	4	AVG	Number of strings	104
TIMECLOSE	DECTSTP	STAT	4	MAX	Local time file was closed	108
TIMEOPEN	DECTSTP	STAT	4	MAX	Local time file was opened	112
TOTLREQCNT	BINARY	STAT	4	AVG	Total number of all requests	140
UPDATECNT	BINARY	STAT	4	AVG	Number of REWRITE requests	132
VSAMTYPE	CVDAS	INQ	4	LIKE	VSAM file type	32
VSAMTYPE Output valid values	<ul style="list-style-type: none"> <li>• ESDS</li> <li>• KSDS</li> <li>• RRDS</li> </ul>					
WSTRCCURCNT	BINARY	STAT	4	AVG	Peak number of tasks waiting for a string	180
WSTRCNT	BINARY	STAT	4	AVG	Total requests queued because all strings in use	176



# Chapter 305. MLOCTRAN Resource Table

A CICS Monitored resource that describes a subset of the local transaction attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is TRANID.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

1392

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1380

**Security Class**

OPERATE.TRAN

Table 710. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 711. MLOCTRAN FEEDBACK error codes

Value	Code	Description
9	MLOCTRAN_NO_MON_DATA	No data for monitored resource
10	MLOCTRAN_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 712. MLOCTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name		0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release		8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		12
TRANID-1	CHAR	INQ	4	DIFF	Transaction		24
ACTMISMATS	CNUMERIC	STAT	4	AVG	Number of action mismatches		692
ALLOCATES	BINARY	CMF	4	AVG	Number of TCTTE allocation requests		116
BAACDCCT	BINARY	CMF	4	AVG	BTS activity data container requests		964
BAACQPCT	BINARY	CMF	4	AVG	BTS acquire process requests		952
BADACTCT	BINARY	CMF	4	AVG	BTS define activity requests		932
BADCPACT	BINARY	CMF	4	AVG	BTS delete activity and cancel requests		948
BADFIECT	BINARY	CMF	4	AVG	BTS define input event requests		976
BADPROCT	BINARY	CMF	4	AVG	BTS define process requests		928
BALKPACT	BINARY	CMF	4	AVG	BTS link requests		924
BAPRDCCT	BINARY	CMF	4	AVG	BTS process data container requests		960
BARASYCT	BINARY	CMF	4	AVG	BTS run asynchronous requests		920
BARATECT	BINARY	CMF	4	AVG	BTS retrieve reattach event requests		972
BARMPACT	BINARY	CMF	4	AVG	BTS resume requests		944
BARSPACT	BINARY	CMF	4	AVG	BTS reset requests		936
BARSYNCT	BINARY	CMF	4	AVG	BTS run synchronous requests		916
BASUPACT	BINARY	CMF	4	AVG	BTS suspend requests		940
BATIAECT	BINARY	CMF	4	AVG	BTS timer associated event requests		980
BATOTCCT	BINARY	CMF	4	AVG	BTS total data container requests		968
BATOTECT	BINARY	CMF	4	AVG	BTS total event requests		984
BATOTPCT	BINARY	CMF	4	AVG	BTS total requests		956
BMSCOUNT	BINARY	CMF	4	AVG	Total BMS requests		288
BMSINCNT	BINARY	CMF	4	AVG	Number of BMS in requests		280
BMSMAPCNT	BINARY	CMF	4	AVG	Number of BMS map requests		276
BMSOUTCNT	BINARY	CMF	4	AVG	Number of BMS out requests		284
CDSAGETM	BINARY	CMF	4	AVG	CDSA getmains		132
CDSAPSHWM	BINARY	CMF	4	AVG	CDSA program storage HWM		212
CDSASHWM	BINARY	CMF	4	AVG	CDSA storage HWM		148
CDSASOCC	BINARY	CMF	8	AVG	CDSA occupancy		172
CFDTWC	CNUMERIC	CMF	4	AVG	CF data table wait count		896
CFDTWT	INT16US	CMF	8	AVG	CF data table wait time		888
CHARIN	BINARY	CMF	4	AVG	Primary terminal control characters in		88
CHARINSEC	BINARY	CMF	4	AVG	Secondary terminal control characters in		104
CHAROUT	BINARY	CMF	4	AVG	Primary terminal control characters out		96
CHAROUTSEC	BINARY	CMF	4	AVG	Secondary terminal control characters out		112
CHMODECT	BINARY	CMF	4	AVG	Dispatcher change modes	E640+	1284

Table 712. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Offset
CICSWC	CNUMERIC	CMF	4	AVG	Wait-CICS count		824
CICSWT	INT16US	CMF	8	AVG	Wait-CICS time		816
CPUCNT	BINARY	CMF	4	AVG	User task CPU count		436
CPUTIME	INT16US	CMF	8	AVG	User task CPU time		328
CTLWC	CNUMERIC	CMF	4	AVG	Give up control wait count		856
CTLWT	INT16US	CMF	8	AVG	Give up control wait time		848
CURAVGCPUT	INT16US	CPSM	4	MAX	Average CPU time for current sample		316
CURAVGRES	INTMSEC	CPSM	4	MAX	Average response time for current sample		68
CURTRANRATE	RATE	CPSM	4	SUM	Transaction rate for current sample		52
DB2CONWC	BINARY	CMF	4	AVG	DB2 connection (TCB) count		1112
DB2CONWT	INT16US	CMF	8	AVG	DB2 Connection wait time		1104
DB2RDYQC	BINARY	CMF	4	AVG	DB2 ReadyQ wait count		1096
DB2RDYQW	INT16US	CMF	8	AVG	DB2 ReadyQ wait time		1088
DB2REQCT	BINARY	CMF	4	AVG	DB2 total number of requests		1280
DB2WAIT	INT16US	CMF	8	AVG	DB2 request wait time	E680+	1120
DB2WAITC	BINARY	CMF	4	AVG	DB2 request wait count	E680+	1128
DHCRECT	BINARY	CMF	4	AVG	Document create requests		1044
DHINSCT	BINARY	CMF	4	AVG	Document insert requests		1048
DHRETCT	BINARY	CMF	4	AVG	Document retrieve requests		1056
DHSETCT	BINARY	CMF	4	AVG	Document set requests		1052
DHTOTCT	BINARY	CMF	4	AVG	Document total requests		1060
DHTOTDCL	BINARY	CMF	4	AVG	Document total length created		1064
DISPCNT	BINARY	CMF	4	AVG	Task dispatch count		432
DISPTIME	INT16US	CMF	8	AVG	Task dispatch time		320
DSPDELAY	INT16US	CMF	8	AVG	First dispatch delay		568
DSPDELAYCT	CNUMERIC	CMF	4	AVG	First dispatch delay count		636
ECDSAGETM	BINARY	CMF	4	AVG	ECDSA getmains		136
ECDSAPSHWM	BINARY	CMF	4	AVG	ECDSA program storage HWM		208
ECDSASHWM	BINARY	CMF	4	AVG	ECDSA storage HWM		152
ECDSASOCC	BINARY	CMF	8	AVG	ECDSA occupancy		180
ENQDELAY	INT16US	CMF	8	AVG	Task control enqueue delay time		592
ENQDELAYCT	CNUMERIC	CMF	4	AVG	KC enqueue delay count		648
EXTERNWC	CNUMERIC	CMF	4	AVG	External wait count		808
EXTERNWT	INT16US	CMF	8	AVG	External wait time		800
EXWAIT	INT16US	CMF	8	AVG	Exception wait time		352
EXWAITCNT	CNUMERIC	CMF	4	AVG	Exception wait count		448
FCADDCNT	BINARY	CMF	4	AVG	Number of file adds		228
FCAMCNT	BINARY	CMF	4	AVG	Number of access method requests		240
FCBRWCNT	BINARY	CMF	4	AVG	Number of file browses		224
FCCOUNT	BINARY	CMF	4	AVG	Total file control requests		236
FCDELCNT	BINARY	CMF	4	AVG	Number of file deletes		232

Table 712. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Offset
FCGETCNT	BINARY	CMF	4	AVG	Number of file gets		216
FCIOCNT	BINARY	CMF	4	AVG	File control I/O wait count		456
FCIOTIME	INT16US	CMF	8	AVG	File control I/O wait time		368
FCPUTCNT	BINARY	CMF	4	AVG	Number of file puts		220
FORACTINDTO	CNUMERIC	STAT	4	AVG	Force actions due to indoubt		676
FORACTNOWT	CNUMERIC	STAT	4	AVG	Force actions due to no wait		680
FORACTOPER	CNUMERIC	STAT	4	AVG	Force actions due to operator		684
FORACTOTHER	CNUMERIC	STAT	4	AVG	Force actions due to other		688
FORACTTRNDF	CNUMERIC	STAT	4	AVG	Force actions due to transaction definition		672
GNQDELAC	BINARY	CMF	4	AVG	Sysplex-wide enqueue delay count		1312
GNQDELAY	INT16US	CMF	8	AVG	Sysplex-wide enqueue delay time		1304
ICCOUNT	BINARY	CMF	4	AVG	Interval control requests		308
ICTOTCNT	BINARY	CMF	4	AVG	Total interval control requests		876
IMSREQCT	BINARY	CMF	4	AVG	IMS total number of requests		1276
IMSWAIT	INT16US	CMF	8	AVG	IMS request wait time		1072
IMSWAITC	BINARY	CMF	4	AVG	IMS request wait count		1080
INTAVGCPUT	INT16US	CPSM	4	MAX	Average CPU time for interval		416
INTAVGRES	INTMSEC	CPSM	4	MAX	Average response time for interval		80
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval identifier		16
INTTRANRATE	RATE	CPSM	4	SUM	Transaction rate for interval		56
INTVLWC	CNUMERIC	CMF	4	AVG	Interval control wait count		840
INTVLWT	INT16US	CMF	8	AVG	Interval control wait time		832
IRIOCNT	BINARY	CMF	4	AVG	Interregion I/O count		468
IRIOTIME	INT16US	CMF	8	AVG	Interregion I/O wait		392
ISOLATEST	CVDAS	INQ	4	LIKE	Isolation status		476
ISOLATEST Output valid values	<ul style="list-style-type: none"> <li>• ISOLATE</li> <li>• NOISOLATE</li> </ul>						
J8CPUC	BINARY	CMF	4	AVG	J8 TCB mode CPU count	E680+	1256
J8CPUT	INT16US	CMF	8	AVG	J8 TCB mode CPU time	E680+	1248
JCIOCNT	BINARY	CMF	4	AVG	Journal control I/O wait count		460
JCIOTIME	INT16US	CMF	8	AVG	Journal control I/O wait time		376
JCUSRWCNT	BINARY	CMF	4	AVG	Journal output requests		304
JNLWRTCT	CNUMERIC	CMF	4	AVG	Journal write requests		724
JVMSUSP	INT16US	CMF	8	AVG	Total JVM suspend time		1368
JVMSUSPC	BINARY	CMF	4	AVG	Total JVM suspend time count		1376
JVMTIME	INT16US	CMF	8	AVG	Total JVM elapsed time		1352
JVMTIMEC	BINARY	CMF	4	AVG	Total JVM elapsed time count		1360
L8CPUC	BINARY	CMF	4	AVG	L8 TCB mode CPU count		1240
L8CPUT	INT16US	CMF	8	AVG	L8 TCB mode CPU time		1232
LOCALCNT	CNUMERIC	STAT	4	AVG	Times local dynamic routing exit ran transaction		64
LOCKMWC	CNUMERIC	CMF	4	AVG	Lock manager wait count		776

Table 712. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Offset
LOCKMWT	INT16US	CMF	8	AVG	Lock manager wait time		768
LOGWRTCT	CNUMERIC	CMF	4	AVG	CICS logger write requests		728
LU61WTT	INT16US	CMF	8	AVG	LU6.1 I/O wait time		600
LU61WTTCT	CNUMERIC	CMF	4	AVG	LU6.1 I/O wait count		652
LU62WTT	INT16US	CMF	8	AVG	LU6.2 I/O wait time		608
LU62WTTCT	CNUMERIC	CMF	4	AVG	LU6.2 I/O wait count		656
MSCPUC	BINARY	CMF	4	AVG	Other TCB mode CPU count		1224
MSCPUT	INT16US	CMF	8	AVG	Other TCB mode CPU time		1216
MSDISPC	BINARY	CMF	4	AVG	Other TCB mode dispatch count		1208
MSDISPT	INT16US	CMF	8	AVG	Other TCB mode dispatch time		1200
MSGIN	BINARY	CMF	4	AVG	Primary terminal control messages in		84
MSGINSEC	BINARY	CMF	4	AVG	Secondary terminal control messages in		100
MSGOUT	BINARY	CMF	4	AVG	Primary terminal control messages out		92
MSGOUTSEC	BINARY	CMF	4	AVG	Secondary terminal control messages out		108
MXTDELAY	INT16US	CMF	8	AVG	First dispatch delay		584
MXTDELAYCT	CNUMERIC	CMF	4	AVG	First dispatch delay MXT count		644
MXTOTDLC	BINARY	CMF	4	AVG	Maximum open TCB delay count		1144
MXTOTDLY	INT16US	CMF	8	AVG	Maximum open TCB delay time		1136
NUMINDOUBWT	CNUMERIC	STAT	4	AVG	Number of indoubt waits		668
PC24RHWM	CNUMERIC	CMF	4	AVG	R/O program storage HWM below 16M		508
PC24SHWM	CNUMERIC	CMF	4	AVG	Shared program storage HWM below 16M		516
PC31SHWM	CNUMERIC	CMF	4	AVG	Shared program storage HWM above 16M		512
PCDPLCT	BINARY	CMF	4	AVG	Distributed program links		1292
PCLINKCNT	BINARY	CMF	4	AVG	Number of program links		292
PCLOADCNT	BINARY	CMF	4	AVG	Number of program loads		300
PCLOADTM	INT16US	CMF	8	AVG	Program fetch wait time		408
PCLOADWCNT	CNUMERIC	CMF	4	AVG	Program fetch wait count		880
PCLURMCT	BINARY	CMF	4	AVG	Link URM count		884
PCXCTLCNT	BINARY	CMF	4	AVG	Number of program XCTLs		296
PERRECNT	CNUMERIC	CMF	4	AVG	Performance record count		696
PRIORITY	BINARY	CMF	4	AVG	Transaction priority		420
PROGRAM	CHAR	CMF	8	DIFF	First program		424
PSTG24HWM	BINARY	CMF	4	AVG	Program storage HWM below 16M		192
PSTG31HWM	BINARY	CMF	4	AVG	Program storage HWM above 16M		196
PSTGHWM	BINARY	CMF	4	AVG	Program storage HWM		188
QRCPUUC	BINARY	CMF	4	AVG	QR TCB mode CPU count		1192
QRCPUT	INT16US	CMF	8	AVG	QR TCB mode CPU time		1184
QRDISPC	BINARY	CMF	4	AVG	QR TCB mode dispatch count		1176

Table 712. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Offset
QRDISPT	INT16US	CMF	8	AVG	QR TCB mode dispatch time		1168
QRMODDLC	BINARY	CMF	4	AVG	QR TCB mode delay count		1160
QRMODDLY	INT16US	CMF	8	AVG	QR TCB mode delay time		1152
REMOECNT	CNUMERIC	STAT	4	AVG	Number of times run remotely by routing exit		480
REMSTARTCNT	CNUMERIC	STAT	4	AVG	Remote start count		484
RESPONSE	INTMSEC	CMF	8	AVG	Cumulative response time		72
RESTARTCNT	BINARY	STAT	4	AVG	Times restarted		44
RLSCPUCNT	CNUMERIC	CMF	4	AVG	RLS CPU time monitor count		792
RLSCPUT	INT16US	CMF	8	AVG	RLS SRB CPU time		784
RLSWAIT	INT16US	CMF	8	AVG	Total times waited for RLS I/O		752
RLSWAITCNT	CNUMERIC	CMF	4	AVG	Task suspend count		760
RMISUSP	INT16US	CMF	8	AVG	Total RMI suspend time		624
RMISUSPCT	CNUMERIC	CMF	4	AVG	Total RMI suspend count		664
RMITIME	INT16US	CMF	8	AVG	Total RMI elapsed time		616
RMITIMECT	CNUMERIC	CMF	4	AVG	Total RMI elapsed count		660
RRMSWAIC	BINARY	CMF	4	AVG	RRMS/MVS syncpoint delay count		1344
RRMSWAIT	INT16US	CMF	8	AVG	RRMS/MVS syncpoint delay time		1336
RSYSID	CHAR	CMF	4	DIFF	Remote system identifier		488
RUNTRWTC	BINARY	CMF	4	AVG	Run synchronous transaction wait count		1000
RUNTRWTT	INT16US	CMF	8	AVG	Run synchronous transaction wait time		992
S8CPUC	BINARY	CMF	4	AVG	S8 TCB mode CPU count		1272
S8CPUT	INT16US	CMF	8	AVG	S8 TCB mode CPU time		1264
SC24FSHR	CNUMERIC	CMF	4	AVG	Shared storage bytes freed below 16M		708
SC24GSHR	CNUMERIC	CMF	4	AVG	Shared storage bytes get below 16M		704
SC24SGCT	CNUMERIC	CMF	4	AVG	Shared storage requests below 16M		700
SC31FSHR	CNUMERIC	CMF	4	AVG	Shared storage bytes freed above 16M		720
SC31GSHR	CNUMERIC	CMF	4	AVG	Shared storage bytes get above 16M		716
SC31SGCT	CNUMERIC	CMF	4	AVG	Shared storage getmain above 16M		712
SHDTSWC	CNUMERIC	CMF	4	AVG	Shared temporary storage wait count		872
SHDTSWT	INT16US	CMF	8	AVG	Shared temporary storage wait time		864
SOBYDECT	BINARY	CMF	4	AVG	Socket bytes decrypted		1300
SOBYENCT	BINARY	CMF	4	AVG	Socket bytes encrypted		1296
SOIOWTC	BINARY	CMF	4	AVG	Sockets I/O wait count		1328
SOIOWTT	INT16US	CMF	8	AVG	Sockets I/O wait time		1320
SRVSPWC	CNUMERIC	CMF	4	AVG	CF data-table-server syncpoint wait count		912
SRVSPWT	INT16US	CMF	8	AVG	CF server syncpoint wait time		904
STATUS	CVDAS	INQ	4	LIKE	Enabled status		32



Table 712. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Offset
STATUS Output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>						
STGVCNT	BINARY	STAT	4	AVG	Number of storage violations		60
SUSPCNT	BINARY	CMF	4	AVG	Task suspend count		440
SUSPTIME	INT16US	CMF	8	AVG	Task suspend time		336
SYNCCOUNT	BINARY	CMF	4	AVG	Syncpoint requests		312
SYNCDLY	INT16US	CMF	8	AVG	Waiting for parent syncpoint delay time		1008
SYNCDLYC	BINARY	CMF	4	AVG	Waiting for parent syncpoint delay count		1016
SYNCTIMCNT	CNUMERIC	CMF	4	AVG	Total times processed syncpoint request		744
SYNCTIME	INT16US	CMF	8	AVG	Syncpoint wait time		736
SZALLCTO	CNUMERIC	CMF	4	AVG	FEPI allocate timeouts		544
SZALLOCT	CNUMERIC	CMF	4	AVG	FEPI allocates		520
SZCHRIN	CNUMERIC	CMF	4	AVG	FEPI characters received		540
SZCHROUT	CNUMERIC	CMF	4	AVG	FEPI characters sent		536
SZRCVCT	CNUMERIC	CMF	4	AVG	FEPI receives		524
SZRCVTO	CNUMERIC	CMF	4	AVG	FEPI receive timeouts		548
SZSENDCT	CNUMERIC	CMF	4	AVG	FEPI sends		528
SZSTRCT	CNUMERIC	CMF	4	AVG	FEPI starts		532
SZTOTCT	CNUMERIC	CMF	4	AVG	Total FEPI requests		552
SZWAIT	INT16US	CMF	8	AVG	FEPI suspend time		560
SZWAITCT	CNUMERIC	CMF	4	AVG	FEPI suspend time count		632
TCBATTCT	BINARY	CMF	4	AVG	Dispatcher TCB attaches		1288
TCC62IN2	CNUMERIC	CMF	4	AVG	LU6.2 Secondary terminal control chars in		496
TCC62OU2	CNUMERIC	CMF	4	AVG	LU6.2 secondary terminal control chars out		504
TCIOCNT	BINARY	CMF	4	AVG	Terminal control I/O wait count		452
TCIOTIME	INT16US	CMF	8	AVG	Terminal control I/O wait time		360
TCLDELAY	INT16US	CMF	8	AVG	First dispatch delay - transaction class		576
TCLDELAYCT	CNUMERIC	CMF	4	AVG	First dispatch delay count		640
TCM62IN2	CNUMERIC	CMF	4	AVG	LU6.2 secondary terminal control messages in		492
TCM62OU2	CNUMERIC	CMF	4	AVG	LU6.2 secondary terminal control messages out		500
TDCOUNT	BINARY	CMF	4	AVG	Total transient data requests		256
TDGETCNT	BINARY	CMF	4	AVG	Number of transient data gets		244
TDIOCNT	BINARY	CMF	4	AVG	Transient data I/O count		472
TDIOTIME	INT16US	CMF	8	AVG	Transient data I/O wait time		400
TDPURCNT	BINARY	CMF	4	AVG	Number of transient data purges		252
TDPUTCNT	BINARY	CMF	4	AVG	Number of transient data puts		248
TERMID	CHAR	INQ	4	DIFF	Terminal identifier		28
TERMSTG	CNUMERIC	CMF	4	AVG	Terminal storage	E410+	120

Table 712. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Offset
TMRDSCWT	INT16US	CMF	8	AVG	MVS DS storage constraint wait time		1384
TRANCLASS	CHAR	INQ	8	DIFF	Transaction class name		36
TSCOUNT	BINARY	CMF	4	AVG	Total temporary storage requests		272
TSGETCNT	BINARY	CMF	4	AVG	Number of temporary storage gets		260
TSIOCNT	BINARY	CMF	4	AVG	Temporary storage I/O wait count		464
TSIOTIME	INT16US	CMF	8	AVG	Temporary storage I/O wait time		384
TSPUTACNT	BINARY	CMF	4	AVG	Number of TS puts to auxiliary storage		264
TSPUTMCNT	BINARY	CMF	4	AVG	Number of TS puts to main storage		268
USECOUNT	BINARY	STAT	4	SUM	Times used		48
USRP24HWM	BINARY	CMF	4	AVG	Program storage HWM below 16M		204
USRP31HWM	BINARY	CMF	4	AVG	Program storage HWM above 16M		200
USTG24CNT	BINARY	CMF	4	AVG	Number of user getmains below 16M		124
USTG24HWM	BINARY	CMF	4	AVG	User task storage HWM below 16M		140
USTG24OCC	BINARY	CMF	8	AVG	User task storage occupancy below 16M		156
USTG31CNT	BINARY	CMF	4	AVG	Number of user getmains above 16M		128
USTG31HWM	BINARY	CMF	4	AVG	User task storage HWM above 16M		144
USTG31OCC	BINARY	CMF	8	AVG	User task storage occupancy above 16M		164
WAITCNT	CNUMERIC	CMF	4	AVG	Dispatch wait count		444
WAITTIME	INT16US	CMF	8	AVG	Dispatch wait time		344
WBCHRIN	BINARY	CMF	4	AVG	WEB characters received		1024
WBCHROUT	BINARY	CMF	4	AVG	WEB characters sent		1032
WBRCVCT	BINARY	CMF	4	AVG	WEB receive requests		1020
WBREPWCT	BINARY	CMF	4	AVG	WEB repository writes		1040
WBSENDCT	BINARY	CMF	4	AVG	WEB send requests		1028
WBTOTCT	BINARY	CMF	4	AVG	WEB total requests		1036

# Chapter 306. MLSRPBUF Resource Table

A CICS Monitored resource that describes a subset of the LSR pool buffer attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is POOLSIZE TYPE. While the MLSRPBUF resource class identifies multiple key attributes, only the POOLSIZE TYPE attribute can be specified in an EVALDEF INSTANCE attribute.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

112

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1396

**Security Class**

OPERATE.REGION

Table 713. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 714. MLSRPBUF FEEDBACK error codes

Value	Code	Description
9	MLSRPBUF_NO_MON_DATA	No data for monitored resource
10	MLSRPBUF_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 715. MLSRPBUF resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
<b>POOLSIZE-1</b>	CHAR	STAT	9	DIFF	Pool identifier/buffer size/buffer type	24
COUNT	BINARY	STAT	2	AVG	Number of buffers	104
CREADS	BINARY	STAT	4	AVG	Number of successful hiperspace CREADs	56
CURHREADRATE	RATE	CPSM	4	AVG	Hiperspace read rate for current sample	96
CURHWITRATE	RATE	CPSM	4	AVG	Hiperspace write rate for current sample	88
CURREADRATE	RATE	CPSM	4	AVG	Read rate for current sample	80
CURWRITRATE	RATE	CPSM	4	AVG	Write rate for current sample	72
CWRITES	BINARY	STAT	4	AVG	Number of successful hiperspace CWRITES	60
FAILCREADS	BINARY	STAT	4	AVG	Number of failed hiperspace CREADs	64
FAILCWRITES	BINARY	STAT	4	AVG	Number of failed hiperspace CWRITES	68
HIPERBUFF	BINARY	STAT	4	AVG	Number of hiperspace buffers	36
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval identifier	16
INTHREADRATE	RATE	CPSM	4	AVG	Hiperspace read rate for interval	100
INTHWITRATE	RATE	CPSM	4	AVG	Hiperspace write rate for interval	92
INTREADRATE	RATE	CPSM	4	AVG	Read rate for interval	84
INTWRITRATE	RATE	CPSM	4	AVG	Write rate for interval	76
LOOKASIDES	BINARY	STAT	4	AVG	Number of successful lookasides	40
NONUWRITE	BINARY	STAT	4	AVG	Number of non-user initiated writes	52
READS	BINARY	STAT	4	AVG	Number of buffer reads	44
USERIWRITE	BINARY	STAT	4	AVG	Number of user initiated writes	48

# Chapter 307. MLSRPOOL Resource Table

A CICS Monitored resource that describes a subset of the LSR pool attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is LSRPOOLID.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

208

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1374

**Security Class**

OPERATE.REGION

Table 716. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 717. MLSRPOOL FEEDBACK error codes

Value	Code	Description
9	MLSRPOOL_NO_MON_DATA	No data for monitored resource
10	MLSRPOOL_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 718. MLSPPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Value Range	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name		0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release		8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		12
<b>LSRPOOLID-1</b>	BINARY	STAT	2	AVG	LSR pool number	1-255	38
CREATETIME	DECTSTP	STAT	4	MAX	Local create time		24
CURDBHITRATE	RATE	CPSM	4	AVG	Data buffer lookaside rate for current sample		84
CURDHREARATE	RATE	CPSM	4	AVG	Data buffer CREAD rate for current sample		116
CURDHWIRATE	RATE	CPSM	4	AVG	Data buffer CWRITE rate for current sample		108
CURDREADRATE	RATE	CPSM	4	AVG	Data buffer read rate for current sample		100
CURDWIRATE	RATE	CPSM	4	AVG	Data buffer write rate for current sample		92
CURIBHITRATE	RATE	CPSM	4	AVG	Index buffer lookaside rate for current sample		164
CURIHREARATE	RATE	CPSM	4	AVG	Index buffer CREAD rate for current sample		196
CURIHWRIRATE	RATE	CPSM	4	AVG	Index buffer CWRITE rate for current sample		188
CURIREADRATE	RATE	CPSM	4	AVG	Index buffer read rate for current sample		180
CURIWIRATE	RATE	CPSM	4	AVG	Index buffer write rate for current sample		172
DBLOOKASIDE	BINARY	STAT	4	AVG	Number of successful lookasides to data buffers		52
DBNUWRITE	BINARY	STAT	4	AVG	Number of non user-initiated data buffer writes		64
DBREAD	BINARY	STAT	4	AVG	Number of read I/Os to data buffers		56
DBUFFCNT	BINARY	STAT	4	AVG	Number of data buffers		44
DBUIWRITE	BINARY	STAT	4	AVG	Number of user-initiated data buffer writes		60
DCREAD	BINARY	STAT	4	AVG	Number of successful data buffer CREAD requests		68
DCWRITE	BINARY	STAT	4	AVG	Number of successful data buffer CWRITE requests		72
DELETETIME	DECTSTP	STAT	4	MAX	Local delete time		28
DFAILCREAD	BINARY	STAT	4	AVG	Number of failed data buffer CREAD requests		76
DFAILCWRITE	BINARY	STAT	4	AVG	Number of failed data buffer CWRITE requests		80
DHIPERBUF	BINARY	STAT	4	AVG	Number of Hiperspace data buffers		48
IBLOOKASIDE	BINARY	STAT	4	AVG	Number of lookaside index buffer reads		132
IBNUWRITE	BINARY	STAT	4	AVG	Number of non user-initiated index buffer writes		144
IBREADS	BINARY	STAT	4	AVG	Total number of index buffer reads		136
IBUFFCNT	BINARY	STAT	4	AVG	Number of index buffers		124

Table 718. MLSRPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Value Range	Offset
IBUIWRITE	BINARY	STAT	4	AVG	Number of user-initiated index buffer writes		140
ICREAD	BINARY	STAT	4	AVG	Number of successful index buffer CREAD requests		148
ICWRITE	BINARY	STAT	4	AVG	Number of successful index buffer CWRITE requests		152
IDHIPERBUF	BINARY	STAT	4	AVG	Number of Hiperspace index buffers		128
IDXDATFLG	BIT	STAT	1	LIKE	Separate data and index flag		206
IFAILCREAD	BINARY	STAT	4	AVG	Number of failed index buffer CREAD requests		156
IFAILCWRITE	BINARY	STAT	4	AVG	Number of failed index buffer CWRITE requests		160
INTDBHITRATE	RATE	CPSM	4	AVG	Data buffer lookaside rate for monitor interval		88
INTDHREARATE	RATE	CPSM	4	AVG	Data buffer CREAD rate for monitor interval		120
INTDHWIRATE	RATE	CPSM	4	AVG	Data buffer CWRITE rate for monitor interval		112
INTDREADRATE	RATE	CPSM	4	AVG	Data buffer read rate for monitor interval		104
INTDWIRATE	RATE	CPSM	4	AVG	Data buffer write rate for monitor interval		96
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID		16
INTIBHITRATE	RATE	CPSM	4	AVG	Index buffer lookaside rate for monitor interval		168
INTIHREARATE	RATE	CPSM	4	AVG	Index buffer CREAD rate for monitor interval		200
INTIHWIRATE	RATE	CPSM	4	AVG	Index buffer CWRITE rate for monitor interval		192
INTIREADRATE	RATE	CPSM	4	AVG	Index buffer read rate for monitor interval		184
INTIWRIRATE	RATE	CPSM	4	AVG	Index buffer write rate for monitor interval		176
MAXCCURSTR	BINARY	STAT	2	AVG	Peak number of concurrent active strings		204
MAXKEYLEN	BINARY	STAT	2	AVG	Maximum key length		32
PEAKWAITREQ	BINARY	STAT	2	AVG	Peak number of requests waiting		36
TOTSTRINGS	BINARY	STAT	2	AVG	Total number of strings		34
TOTWAITREQ	BINARY	STAT	4	AVG	Total number of string waits		40





# Chapter 308. MMODNAME Resource Table

A CICS Monitored resource that describes a subset of the modename attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is CONNECTION.

The **Secondary** key field for this resource class is NAME.

While the MMODNAME resource class identifies multiple key attributes, only the CONNECTION attribute can be specified in an EVALDEF INSTANCE attribute.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

48

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1376

**Security Class**

OPERATE.CONNECT

Table 719. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 720. MMODNAME FEEDBACK error codes

Value	Code	Description
9	MMODNAME_NO_MON_DATA	No data for monitored resource

Table 720. MMODNAME FEEDBACK error codes (continued)

Value	Code	Description
10	MMODNAME_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 721. MMODNAME resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
CONNECTION-1	CHAR	INQ	4	DIFF	Connection name	32
NAME-2	CHAR	INQ	8	DIFF	Mode name	24
CONNSTATUS	CVDAS	INQ	4	LIKE	Connection status	36
CONNSTATUS Output valid values	<ul style="list-style-type: none"> <li>RELEASED</li> <li>OBTAINING</li> <li>ACQUIRED</li> <li>FREEING</li> <li>AVAILABLE</li> </ul>					
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	16
SESSACTV	BINARY	INQ	2	SUM	Number of active sessions	40
SESSAVAIL	BINARY	INQ	2	SUM	Number of sessions available	42
SESSMAX	BINARY	INQ	2	MAX	Maximum number of sessions	44
SESSMAXWIN	CNUMERIC	INQ	2	MAX	Maximum number of contention winner sessions	46

# Chapter 309. MNTRATDQ Resource Table

A CICS Monitored resource that describes a subset of the intrapartition transient data queue attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is TDQUEUE.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

72

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1385

**Security Class**

OPERATE.TDQUEUE

Table 722. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 723. MNTRATDQ FEEDBACK error codes

Value	Code	Description
9	MNTRATDQ_NO_MON_DATA	No data for monitored resource
10	MNTRATDQ_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 724. MNRATDQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
TDQUEUE-1	CHAR	INQ	4	DIFF	Queue identifier	24
ATIFACILITY	CVDAS	INQ	4	LIKE	ATI facility	28
ATIFACILITY Output valid values	<ul style="list-style-type: none"> <li>• TERMINAL</li> <li>• NOTERMINAL</li> </ul>					
ATITERMID	CHAR	INQ	4	DIFF	ATI terminal identifier	32
ATITRANID	CHAR	INQ	4	DIFF	ATI transaction identifier	36
ATIUSERID	CHAR	INQ	8	DIFF	ATI user identifier	64
CUROUTQRATE	RATE	CPSM	4	AVG	Output rate for current sample	56
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval identifier	16
INTOUTQRATE	RATE	CPSM	4	AVG	Output rate for interval	60
NUMITEMS	BINARY	INQ	4	SUM	Number of items	44
OUTCNT	BINARY	STAT	4	SUM	Number of I/O requests	52
STATUS	CVDAS	INQ	4	LIKE	Enable status	40
STATUS Output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>					
TRIGGERLEVEL	BINARY	INQ	4	MAX	Trigger level	48

# Chapter 310. MODENAME Resource Table

A CICS Resource that describes an LU6.2 modename in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is CONNECTION.

The **Secondary** key field for this resource class is NAME.

While the MODENAME resource class identifies multiple key attributes, only the CONNECTION attribute can be specified in an EVALDEF INSTANCE attribute.

The following actions are supported:

**ACQUIRE**

Acquire a modename.

**CLOSE**

Close a modename.

These actions require no unique parameter data.

**External resource name(CMCI)**

CICSLU62ModeName

**Object type**

CICS Resource

**Length**

48

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0007

**Security Class**

OPERATE.CONNECT

**CICS Commands subject to CICS Security**

INQUIRE MODENAME

Table 725. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ACQUIRE	None	N/A
	CLOSE	None	N/A

Table 726. MODENAME resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	12
CONNECTION-1	CHAR	INQ	MODENAME	CONNECTION	4	DIFF	No	Connection name	24
NAME-2	CHAR	INQ	MODENAME	MODENAME	8	DIFF	No	Mode name	16
AUTOCONN	CVDAS	INQ	MODENAME	AUTOCONNECT	4	LIKE	No	Autoconnect status	28
AUTOCONN Output valid values	<ul style="list-style-type: none"> <li>• ALLCONN</li> <li>• AUTOCONN</li> <li>• NONAUTOCONN</li> </ul>								
CONNSTATUS	CVDAS	INQ			4	LIKE	Yes	Connection status	32
CONNSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ACQUIRED</li> </ul>								
CONNSTATUS Input valid values	<ul style="list-style-type: none"> <li>• CLOSED</li> </ul>								
CONNSTATUS Output valid values	<ul style="list-style-type: none"> <li>• RELEASED</li> <li>• OBTAINING</li> <li>• FREEING</li> <li>• AVAILABLE</li> </ul>								
SESSACTV	BINARY	INQ	MODENAME	ACTIVE	2	AVG	No	Number of active sessions	36
SESSAVAIL	BINARY	INQ	MODENAME	AVAILABLE	2	AVG	Yes	Number of sessions available	38
SESSMAX	BINARY	INQ	MODENAME	MAXIMUM	2	AVG	No	Maximum number of sessions	40
SESSMAXWIN	BINARY	INQ			2	AVG	No	Maximum number of contention winner sessions	42

# Chapter 311. MONDEF Resource Table

A CPSM Monitor Definition that describes the monitoring requirements for a class of CICS resources. Monitoring requirements include both CICSplex SM resource and resource status facility status monitoring. The resource class and name selection criteria are identified by the attribute values.

The **Primary** key field for this resource class is NAME.

The following action is supported:

**INSTALL**

Install the definition into each active CICS system that has monitoring active within the specified scope. If provided the PERIODEF is used to determine the valid operational time of the MONDEF.

The parameter data for the INSTALL action is:

```
PARM(' [PERIOD(period)] .')  
  
where:  
  
period = The name of a PERIODEF definition.
```

The MONDEF is installed in each active CICS system in the current scope that has Monitoring active. If provided, the PERIODEF definition is used to determine the valid operational time of the MONDEF.

**External resource name(CMCI)**

CICSMonitorDefinition

**Object type**

CICSplex SM Definition

**Length**

128

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3510

**Security Class**

MONITOR.DEF

Table 727. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

Table 727. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
PERFORM SET	INSTALL	PERIOD(value)	No
		SCOPE(value)	No
	ADDTGRP	ACTIVETIME(value)	No
		RESGROUP(value)	Yes

Table 728. MONDEF FEEDBACK error codes		
Value	Code	Description
1	MONDEF_INV_DATA	Attribute data invalid
2	MONDEF_REC_NOT_FOUND	Requested resource not found
3	MONDEF_INV_REFERENCE	Name not found
4	MONDEF_REC_EXISTS	Resource already exists
5	MONDEF_REC_CHANGED	Resource definition already changed
21	MONDEF_PARTIAL_INSTALL	Partial install
22	MONDEF_MON_OFF	Monitoring off
23	MONDEF_NOT_INSTALLED	Not installed
24	MONDEF_INV_PERIOD	Period invalid

Table 729. MONDEF resource table attributes									
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name			36
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> </ul>								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DESC	CHAR	CPSM	58	No	DIFF	Description			60
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	124
INCLUDE	EYUDA	CPSM	4	Yes	LIKE	Inclusion in CPSM monitoring option	YES		56
INCLUDE Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>								
RESCLASS	EYUDA	CPSM	4	Yes	LIKE	Monitoring resource class			52
RESCLASS Input/output valid values	<ul style="list-style-type: none"> <li>MCONN</li> <li>MFILE</li> <li>MJRNL</li> <li>MPROG</li> <li>MTERM</li> <li>MTRAN</li> <li>MTDQS</li> </ul>								



Table 729. MONDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
RESNAME	CHAR	CPSM	8	Yes	DIFF	Name or generic name of resource being monitored			44
RODMPOP	EYUDA	CPSM	4	Yes	LIKE	Resource status facility population	NO		120
RODMPOP Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>								



# Chapter 312. MONGROUP Resource Table

A CPSM Monitor Definition that provides the association anchor for a set of MONDEF definitions. References to the MONGROUP are inferred to be references to the set of associated MONDEF instances.

The **Primary** key field for this resource class is NAME.

The following action is supported:

**INSTALL**

Install the set of MONDEF definitions in the group into each active CICS system that has monitoring active within the specified scope.

The INSTALL action requires no unique parameter data.

The set of MONDEFs is installed in each active CICS system in the current scope that has Monitoring active.

**External resource name(CMCI)**

CICSMonitorGroup

**Object type**

CICSplex SM Definition

**Length**

112

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3504

**Security Class**

MONITOR.DEF

Table 730. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	SCOPE(value)	No
	ADDTOSPC	SPEC(value)	Yes

Table 731. MONGROUP FEEDBACK error codes

Value	Code	Description
1	MONGROUP_INV_DATA	Attribute data invalid
2	MONGROUP_REC_NOT_FOUND	Requested resource not found
3	MONGROUP_INV_REF	Name not found
4	MONGROUP_REC_EXISTS	Resource already exists
5	MONGROUP_REC_CHANGED	Resource definition already changed
21	MONGROUP_PARTIAL_INSTALL	Partial install
22	MONGROUP_MON_OFF	Monitoring off
23	MONGROUP_NOT_INSTALLED	Not installed
24	MONGROUP_NOT_UNIQUE	Not unique

Table 732. MONGROUP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name			36
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/ output valid values	• DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DESC	CHAR	CPSM	58	No	DIFF	Description			44
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	104

# Chapter 313. MONINGRP Resource Table

A CPSM Monitor Definition that describes the membership of a monitor definition (MONDEF) in a monitor group (MONGROUP). A MONDEF can be a member of multiple MONGROUPs.

The **Primary** key field for this resource class is GROUP.

The **Secondary** key field for this resource class is DEFNAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSMonitorResourceInGroup

**Object type**

CICSplex SM Definition

**Length**

64

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt5380

**Security Class**

MONITOR.DEF

Table 733. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

Table 734. MONINGRP FEEDBACK error codes		
Value	Code	Description
1	MONINGRP_INV_DATA	Attribute data invalid
2	MONINGRP_REC_NOT_FOUND	Requested resource not found
3	MONINGRP_INV_REFERENCE	Attribute references an invalid resource
4	MONINGRP_REC_EXISTS	Resource already exists
5	MONINGRP_REC_CHANGED	Resource definition already changed

Table 735. MONINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
GROUP-1	CHAR	CPSM	8	Yes	DIFF	Monitor group	36
DEFNAME-2	CHAR	CPSM	8	Yes	DIFF	Monitor definition	44
ACTIVETIME	CHAR	CPSM	8	No	DIFF	Period definition	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> </ul>						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 314. MONINSPC Resource Table

A CPSM Monitor Definition that describes the membership of a monitor group (MONGROUP) in a monitor specification (MONSPEC). A MONGROUP can be a member of multiple MONSPECS.

The **Primary** key field for this resource class is SPEC.

The **Secondary** key field for this resource class is GROUP.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSMonitorGroupInSpecification

**Object type**

CICSplex SM Definition

**Length**

56

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt5121

**Security Class**

MONITOR.DEF

Table 736. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 737. MONINSPC FEEDBACK error codes

Value	Code	Description
2	MONINSPC_REC_NOT_FOUND	Requested resource not found
3	MONINSPC_INV_REFERENCE	Attribute references an invalid resource
4	MONINSPC_REC_EXISTS	Resource already exists

Table 738. MONINSPC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
SPEC-1	CHAR	CPSM	8	Yes	DIFF	Monitor specification	36

Table 738. MONINSPC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Offset
<b>GROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	Monitor group	44
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> </ul>						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16



# Chapter 315. MONITOR Resource Table

This CICS resource provides CICS monitoring and statistics information in an active system being managed by CICSplex SM.

The MONITOR resource class does not provide an explicit key attribute. The set of object instances returned is a function of the scope in effect when the request is made.

This resource class has no object specific actions.

**External resource name(CMCI)**

CICSMonitoringAndStatistics

**Object type**

CICS Resource

**Length**

384

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0125

**CICS Commands subject to CICS Security**

INQUIRE MONITOR

Table 739. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	STATISTICS	ALL	No
		ATOMSERVICE	No
		AUTOINSTALL	No
		BEAN	No
		BUNDLE	No
		CAPTURESPEC	No
		CONNECTION	No
		CORBASERVER	No
		DB2	No
		DISPATCHER	No

Table 739. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		DOCTEMP	No
		ENQUEUE	No
		EVENTBINDING	No
		EVENTPROCESS	No
		FEPI	No
		FILE	No
		IPCONN	No
		JOURNAL	No
		JVMPOOL	No
		JVMPROFILE	No
		JVMPROGRAM	No
		JVMSERVER	No
		LIBRARY	No
		LSRPOOL	No
		MONITOR	No
		MQCONN	No
		PIPELINE	No
		PROGAUTOINS	No
		PROGRAM	No
		PROGRAMDEF	No
		RECOVERY	No
		REQUESTMODEL	No
		RESETNOW	No
		STATISTICS	No
		STORAGE	No
		STREAMNAME	No
		SYSDUMP	No
		TABLEMGR	No
		TCPIP	No
		TCIPSERVICE	No
		TEMPSTOR	No
		TERMINAL	No
		TRANCLASS	No
		TRANDATA	No
		TRANDUMP	No
		TRANSACTION	No

Table 739. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
		URIMAP	No
		VTAM	No
		WEBSERVICE	No
		XMLTRANSFORM	No

Table 740. MONITOR FEEDBACK error codes		
Value	Code	Description
21	XMONITOR_RESOURCE_REQUIRED	Resource required

Table 741. MONITOR resource table attributes												
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Set Invalid	Offset	
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name			0	
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release			8	
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12	
APPLNAMEST	CVDAS	INQ	MONITOR	APPLNAMEST	4	LIKE	No	Application naming option			252	
APPLNAMEST Output valid values	<ul style="list-style-type: none"> <li>• NOAPPLNAME</li> <li>• APPLNAME</li> </ul>											
COMPRESSST	CVDAS	INQ	MONITOR	COMPRESSST	4	LIKE	Yes	Compression status option			260	
COMPRESSST Input/output valid values	<ul style="list-style-type: none"> <li>• COMPRESS</li> <li>• NOCOMPRESS</li> </ul>											
CONVERSEST	CVDAS	INQ	MONITOR	CONVERSEST	4	LIKE	Yes	Performance record for conversational task option			16	
CONVERSEST Input/output valid values	<ul style="list-style-type: none"> <li>• CONVERSE</li> <li>• NOCONVERSE</li> </ul>											
DPLLIMIT	BINARY	INQ	MONITOR	DPLLIMIT	2	SUM	Yes	Distributed program link limit		E640 E650	264	
ENDOFDAY	DECIMAL	INQ	STATISTICS	ENDOFDAY	4	MAX	Yes	Statistics end-of-day time			148	
EXCEPTCLASS	CVDAS	INQ	MONITOR	EXCEPTCLASS	4	LIKE	Yes	Exception class status			20	
EXCEPTCLASS Input/output valid values	<ul style="list-style-type: none"> <li>• EXCEPT</li> <li>• NOEXCEPT</li> </ul>											
FILELIMIT	BINARY	INQ	MONITOR	FILELIMIT	2	SUM	Yes	File resource limit		E640 E650	248	
FREQUENCY	DECIMAL	INQ	MONITOR	FREQUENCY	4	MAX	Yes	Long-running task performance record frequency			24	
IDNTYCLASS	CVDAS	INQ	MONITOR	IDNTYCLASS	4	LIKE	Yes	Identity class status		E640 E650	268	
IDNTYCLASS Input/output valid values	<ul style="list-style-type: none"> <li>• IDNTY</li> <li>• NOIDNTY</li> </ul>											
INTERVAL	DECIMAL	INQ	STATISTICS	INTERVAL	4	MAX	Yes	Statistics collection interval			144	

Table 741. MONITOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Inval id	Set Inval id	Offset
MNGAUTRT	INTTSTP	STAT	DFHMNGDS	MNGAUTRT	8	LIKE	No	Average user transaction resp time	E640 E650 E660 E670 E680		320
MNGCAUTA	BINARY	STAT	DFHMNGDS	MNGCAUTA	4	LIKE	No	Current tasks at last attach	E640 E650 E660 E670 E680		316
MNGCPUT	INTTSTP	STAT	DFHMNGDS	MNGCPUT	8	LIKE	No	Total transaction CPU time	E640 E650 E660 E670 E680 E690		344
MNGER	BINARY	STAT	DFHMNGDS	MNGER	4	AVG	No	Number of CMF exception records			52
MNGERS	BINARY	STAT	DFHMNGDS	MNGERS	4	AVG	No	Number of CMF exception records suppressed by exit			56
MNGIR	BINARY	STAT	DFHMNGDS	MNGIR	4	AVG	No	Number of CMF identity records	E640 E650		272
MNGIRS	BINARY	STAT	DFHMNGDS	MNGIRS	4	AVG	No	Number of CMF identity records suppressed by exit	E640 E650		276
MNGLUTAT	DATETIME	STAT	DFHMNGDS	MNGLUTAT	8	LIKE	No	Time last user transaction attached	E640 E650 E660 E670 E680		296
MNGLUTCL	DATETIME	STAT	DFHMNGDS	MNGLUTCL	8	LIKE	No	Time last user transaction ended	E640 E650 E660 E670 E680		304
MNGLUTRT	DATETIME	STAT	DFHMNGDS	MNGLUTRT	8	LIKE	No	Time the peak user transaction resp time was recorded	E640 E650 E660 E670 E680		336
MNGMCTNM	CHAR	STAT	DFHMNGDS	MNGMCTNM	8	DIFF	Yes	MCT program name		E640 E650 E660 E670 E680 E690 E700 E710 E720	372
MNGMXUTA	BINARY	STAT	DFHMNGDS	MNGMXUTA	4	LIKE	No	MXT at last user transaction attach	E640 E650 E660 E670 E680		312
MNGOFLCP	INTTSTP	STAT	DFHMNGDS	MNGOFLCP	8	LIKE	No	Total transaction CPU time offload on CP	E640 E650 E660 E670 E680 E690		360
MNGPR	BINARY	STAT	DFHMNGDS	MNGPR	4	AVG	No	Number of CMF performance records			60

Table 741. MONITOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Inval id	Set Inval id	Offset
MNGPRS	BINARY	STAT	DFHMNGDS	MNGPRS	4	AVG	No	Number of performance records suppressed by exit			64
MNGPUTRT	INTTSTP	STAT	DFHMNGDS	MNGPUTRT	8	LIKE	No	Peak user transaction resp time	E640 E650 E660 E670 E680		328
MNGRR	BINARY	STAT	DFHMNGDS	MNGRR	4	AVG	No	Number of CMF resource records			76
MNGRRS	BINARY	STAT	DFHMNGDS	MNGRRS	4	AVG	No	Number of CMF resource records suppressed by exit			80
MNGSMFR	BINARY	STAT	DFHMNGDS	MNGSMFR	4	AVG	No	Number of SMF records for CMF			68
MNGSMFRS	BINARY	STAT	DFHMNGDS	MNGSMFE	4	AVG	No	Number of SMF errors for CMF			72
MNGSTNUM	BINARY	STAT	DFHMNGDS	MNGSTNUM	4	LIKE	No	System transactions ended	E640 E650 E660 E670 E680		288
MNGTONCP	INTTSTP	STAT	DFHMNGDS	MNGTONCP	8	LIKE	No	Total transaction CPU time on CP	E640 E650 E660 E670 E680 E690		352
MNGUTNUM	BINARY	STAT	DFHMNGDS	MNGUTNUM	4	LIKE	No	User transactions ended	E640 E650 E660 E670 E680		284
NUMCMF2SMF	RATE3	CPSM			8	AVG	No	Rate of SMF writes for CMF			160
NUMSTAT2SMF	RATE3	CPSM			8	AVG	No	Rate of SMF writes for statistics			168
PERFCLASS	CVDAS	INQ	MONITOR	PERFCLASS	4	LIKE	Yes	Performance class status			28
PERFCLASS Input/ output valid values	<ul style="list-style-type: none"> <li>• PERF</li> <li>• NOPERF</li> </ul>										
PEXCSUPR	PERCENT3	CPSM			4	AVG	No	Percent exception records suppressed to SMF writes			200
PIDNSUPR	PERCENT3	CPSM			4	AVG	No	Percent identity records suppressed to writes	E640 E650		280
PPERSUPR	PERCENT3	CPSM			4	AVG	No	Percent performance records suppressed to writes			204
PRESSUPR	PERCENT3	CPSM			4	AVG	No	Percent resource records suppressed to SMF writes			208
PSMFWERRC	PERCENT3	CPSM			4	AVG	No	Percentage of SMF errors to writes for CMF			176
PSMFWERRS	PERCENT3	CPSM			4	AVG	No	Percent of SMF errors to writes for statistics			180
PSTASUPR	PERCENT3	CPSM			4	AVG	No	Percent of statistics records suppressed to writes			212

Table 741. MONITOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Inval id	Set Inval id	Offset
RECORDING	CVDAS	INQ			4	LIKE	Yes	STATRCD recording			152
RECORDING Input/output valid values	<ul style="list-style-type: none"> <li>ON</li> <li>OFF</li> </ul>										
RESRCECLASS	CVDAS	INQ	MONITOR	RESRCECLASS	4	LIKE	Yes	Resource class status			32
RESRCECLASS Input/output valid values	<ul style="list-style-type: none"> <li>NORESCE</li> <li>RESRCE</li> </ul>										
RMIST	CVDAS	INQ	MONITOR	RMIST	4	LIKE	No	RMI option			256
RMIST Output valid values	<ul style="list-style-type: none"> <li>NORMI</li> <li>RMI</li> </ul>										
RSMFWERRC	RATE3	CPSM			8	AVG	No	Rate of SMF write errors for CMF			184
RSMFWERRS	RATE3	CPSM			8	AVG	No	Rate of SMF write errors for statistics			192
RSMFWRITE	RATE3	CPSM			8	AVG	No	Rate of CMF and statistics records written to SMF			240
RSTAWRITE	RATE3	CPSM			8	AVG	No	Statistics write request rate before suppression			224
STATUS	CVDAS	INQ	MONITOR	STATUS	4	LIKE	Yes	Monitoring status			36
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>ON</li> <li>OFF</li> </ul>										
STGCSTRT	TIMESTP	STAT	DFHSTGDS	STGCSTRT	8	MAX	No	Statistics CICS start time			128
STGEODR	BINARY	STAT	DFHSTGDS	STGEODR	4	AVG	No	Number of EOD statistics records			108
STGINTR	BINARY	STAT	DFHSTGDS	STGINTR	4	AVG	No	Number of INT statistics records			104
STGLDW	BINARY	STAT	DFHSTGDS	STGLDW	4	AVG	No	Length of statistics data written			92
STGLRT	TIMESTP	STAT	DFHSTGDS	STGLRT	8	MAX	No	Statistics last reset time			136
STGNC	BINARY	STAT	DFHSTGDS	STGNC	4	AVG	No	Number of interval collections			84
STGREQR	BINARY	STAT	DFHSTGDS	STGREQR	4	AVG	No	Number of REQ statistics records			116
STGRRTR	BINARY	STAT	DFHSTGDS	STGRRTR	4	AVG	No	Number of RRT statistics records			120
STGSMFE	BINARY	STAT	DFHSTGDS	STGSMFE	4	AVG	No	Number of SMF errors for statistics			100
STGSMFS	BINARY	STAT	DFHSTGDS	STGSMFS	4	AVG	No	Number of SMF writes suppressed for statistics			96
STGSMFW	BINARY	STAT	DFHSTGDS	STGSMFW	4	AVG	No	Number of SMF writes for statistics			88
STGUSSR	BINARY	STAT	DFHSTGDS	STGUSSR	4	AVG	No	Number of USS statistics records			112
SUBSYSTEMID	CHAR	INQ	MONITOR	SUBSYSTEMID	4	DIFF	No	SYSEVENT class subsystem ID	E650 +		40
SYNCPPOINTST	CVDAS	INQ	MONITOR	SYNCPPOINTST	4	LIKE	Yes	Performance record at syncpoint option			44

Table 741. MONITOR resource table attributes (continued)											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Inval id	Set Inval id	Offset
SYNCPOINTST Input/output valid values	<ul style="list-style-type: none"> <li>• SYNCPOINT</li> <li>• NOSYNCPOINT</li> </ul>										
TIME	CV DAS	INQ	MONITOR	TIME	4	LIKE	No	Monitor reports clock value			48
TIME Output valid values	<ul style="list-style-type: none"> <li>• GMT</li> <li>• LOCAL</li> </ul>										
TOTCICSSTAT	BINARY	CPSM			8	AVG	No	Total statistics records write attempts to SMF			216
TSMFWITES	BINARY	CPSM			8	AVG	No	Total number of SMF write requests			232
TSQUEUELIMIT	BINARY	INQ	MONITOR	TSQUEUELIMIT	2	SUM	Yes	Temporary storage queue limit		E640 E650	250
URIMAPLIMIT	BINARY	INQ	MONITOR	URIMAPLIMIT	2	SUM	Yes	URIMAP limit		E640 E650 E660 E670 E680 E690 E700 E710	368
WEBSERVLIMIT	BINARY	INQ			2	SUM	Yes	WEBSERVICE limit		E640 E650 E660 E670 E680 E690 E700 E710	370





# Chapter 316. MONSPEC Resource Table

A CPSM Monitor Definition that describes the control directives for monitoring a set of CICS systems. Using group associators, a MONSPEC object can determine which MONDEF instances are to be installed in each CICS system. Using scope link associators (LNKSMSCS), a MONSPEC object can determine which CICS systems fall under its processing scope. A CICS System can have a scope link associator to only one MONSPEC.

The **Primary** key field for this resource class is NAME.

**External resource name(CMCI)**

CICSMonitorSpecification

**Object type**

CICSplex SM Definition

**Length**

168

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3511

**Security Class**

MONITOR.DEF

Table 742. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDSYSGRP	FORCE	Yes
		GROUP(value)	Yes
		NONE	Yes
		NULL	Yes
	ADDSYSDEF	SYSTEM(value)	Yes

Table 743. MONSPEC FEEDBACK error codes

Value	Code	Description
1	MONSPEC_INV_DATA	Attribute data invalid
2	MONSPEC_REC_NOT_FOUND	Requested resource not found
4	MONSPEC_REC_EXISTS	Resource already exists
5	MONSPEC_REC_CHANGED	Resource definition already changed
6	MONSPEC_RODMCMAS_NOT_FOUND	RODM CMAS Not Found
7	MONSPEC_INV_REFERENCE	Does not exist
8	MONSPEC_LNKASSOC_EXISTS	Association already exists

Table 744. MONSPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Specification			36
ACTSTATUS	EYUDA	CPSM	4	Yes	LIKE	Monitor activation status	INACTIVE		88
ACTSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>ACTIVE</li> <li>INACTIVE</li> </ul>								
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> </ul>								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CICSSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for CICS region monitoring	0	0-86400	48
CONNSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for connection monitoring	0	0-86400	60
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DBXSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for DB2 and DBCTL monitoring	0	0-86400	56
DESC	CHAR	CPSM	58	No	DIFF	Description			92
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	160
FILESAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for file monitoring	0	0-86400	64
GLBLSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for global region monitoring	0	0-86400	52
JRNLSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for journal monitoring	0	0-86400	68
PROGSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for program monitoring	0	0-86400	72
RETENTION	BINARY	CPSM	4	Yes	AVG	Data retention period	0	0-1440	44
RODMCMAS	CHAR	CPSM	8	No	DIFF	Resource status facility CMAS name			150
TDQSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for TDQ monitoring	0	0-86400	80
TERMSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for terminal monitoring	0	0-86400	76
TRANSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for transaction monitoring	0	0-86400	84

# Chapter 317. MPROGRAM Resource Table

A CICS Monitored resource that describes a subset of the program attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is PROGRAM.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

120

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1377

**Security Class**

OPERATE.PROGRAM

Table 745. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 746. MPROGRAM FEEDBACK error codes

Value	Code	Description
9	MPROGRAM_NO_MON_DATA	No data for monitored resource
10	MPROGRAM_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 747. MPROGRAM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
<b>PROGRAM-1</b>	CHAR	INQ	8	DIFF	Program name	24
CURAVGFETCH	INT16US	INQ	4	MAX	Average fetch time for current sample	108
CURRUSEPCT	PERCENT	CPSM	4	AVG	% of times program reused - current sample	60
CURUSERATE	RATE	CPSM	4	AVG	Program access rate for current sample	44
EXECKEY	CVDAS	INQ	4	LIKE	Program execution key	72
EXECKEY Output valid values	<ul style="list-style-type: none"> <li>• CICSEXECKEY</li> <li>• USEREXECKEY</li> <li>• NOTAPPLIC</li> </ul>					
FETCHCNT	BINARY	STAT	4	AVG	Number of times program loaded into storage	56
FETCHTIME	INT16US	STAT	4	AVG	Total time for all program fetches	100
HOLDSTATUS	CVDAS	INQ	4	LIKE	Hold status	80
HOLDSTATUS Output valid values	<ul style="list-style-type: none"> <li>• HOLD</li> <li>• NOHOLD</li> <li>• NOTAPPLIC</li> </ul>					
INTAVGFETCH	INT16US	INQ	4	MAX	Average fetch time for monitor interval	112
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	16
INTRUSEPCT	PERCENT	CPSM	4	AVG	% of times program reused - monitor interval	64
INTUSERATE	RATE	CPSM	4	AVG	Program access rate for monitor interval	48
LENGTH	BINARY	INQ	4	AVG	Program length	88
LPASTAT	CVDAS	INQ	4	LIKE	Link pack area (LPA) status	92
LPASTAT Output valid values	<ul style="list-style-type: none"> <li>• LPA</li> <li>• NOTLPA</li> <li>• NOTAPPLIC</li> </ul>					
NEWCOPYCNT	CNUMERIC	STAT	4	AVG	Number of NEWCOPY requests issued	32
PROGTYPE	CVDAS	INQ	4	LIKE	Program type	96
PROGTYPE Output valid values	<ul style="list-style-type: none"> <li>• PROGRAM</li> <li>• MAP</li> <li>• PARTITIONSET</li> </ul>					
REMOVECNT	CNUMERIC	STAT	4	AVG	Number of times removed by program compression	104
RESCOUNT	BINARY	INQ	4	AVG	Number of times program currently accessed	52
RPLID	CNUMERIC	STAT	4	AVG	DFHRPL data set number	84
SHARESTATUS	CVDAS	INQ	4	LIKE	Share status	76
SHARESTATUS Output valid values	<ul style="list-style-type: none"> <li>• PRIVATE</li> <li>• SHARED</li> <li>• NOTAPPLIC</li> </ul>					
STATUS	CVDAS	INQ	4	LIKE	Enabled status	68
STATUS Output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>					

Table 747. MPROGRAM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
USEAGELSTAT	CNUMERIC	STAT	4	AVG	Number of times program accessed since last reset	40
USECOUNT	BINARY	INQ	4	SUM	Total number of times program executed	36



# Chapter 318. MQCINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a WebSphere® MQ connection definition (MQCONDEF) in a resource group (RESGROUP). An MQCONDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is MQCGROUP.

The **Secondary** key field for this resource class is MQCNAME.

The **Tertiary** key field for this resource class is MQCVER.

There are no object specific actions for this resource class.

**Object type**

CICSplex SM Definition

**Length**

56

**Usage**

API, Batch Utility, WUI

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt6185

**Security Class**

BAS.DEF

Table 748. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 749. MQCINGRP FEEDBACK error codes		
Value	Code	Description
1	MQCINGRP_INV_DATA	Attribute data invalid
2	MQCINGRP_REC_NOT_FOUND	Requested resource not found
4	MQCINGRP_REC_EXISTS	Resource already exists
6	MQCINGRP_INV_RESTYPE	Invalid resource type
7	MQCINGRP_INV_VER	Invalid resource version
11	MQCINGRP_NON_MP	Maintenance point CMAS not available

Table 749. MQCINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	MQCINGRP_INV_CONTEXT	Context not found
21	MQCINGRP_INCONSISTENT_SET	Inconsistent set
22	MQCINGRP_DIFF_VERSION	Different version
23	MQCINGRP_INV_NAME	Invalid name
24	MQCINGRP_INV_MINNAME	Invalid minor name

Table 750. MQCINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
<b>MQCGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
<b>MQCNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	MQ Connection definition name	44
<b>MQCVER-3</b>	BINARY	CPSM	1	Yes	AVG	MQ Connection definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16



# Chapter 319. MQCON Resource Table

A CICS Resource that provides information about the WebSphere MQ connection definition (MQCONN resource definition) for the CICS system.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**CONNECT**

Connect to WebSphere MQ.

**DISCONNECT**

Disconnect from WebSphere MQ.

The parameter data for the DISCONNECT action is:

```
PARM('BUSY(cvda)')
```

where *cvda* is required and is one of the following valid CVDA values for the WebSphere MQ connection busy condition:

WAIT  
NOWAIT  
FORCE

**DISCARD**

Discard the WebSphere MQ connection definition.

**External resource name(CMCI)**

CICSMQConnection

**Object type**

CICS Resource

**Length**

352

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0184

**CICS Commands subject to CICS Security**

INQUIRE MQCONN

Table 751. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 751. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
SET		None	N/A
PERFORM SET	CONNECT	None	N/A
	DISCONNECT	BUSY(WAIT, NOWAIT, FORCE)	Yes
	DISCARD	None	N/A

Table 752. MQCON resource table attributes										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		12
NAME-1	CHAR	STAT	DFHMQGDS	MQG_Mqconn_name	8	DIFF	No	WebSphere MQ connection name		16
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	292
CHANGEAGENT	CVDAS	INQ	MQCONN	CHANGEAGENT	4	LIKE	No	Last modification agent		240
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>									
CHANGEAGREL	CHAR	INQ	MQCONN	CHANGEAGREL	4	DIFF	No	Last modification agent release		244
CHANGETIME	DATETIME	INQ	MQCONN	CHANGETIME	8	MAX	No	Last modification time		248
CHANGEUSRID	CHAR	INQ	MQCONN	CHANGEUSRID	8	DIFF	No	Last modification user ID		232
CONNECTST	CVDAS	INQ	MQCONN	CONNECTST	4	LIKE	Yes	Connection status		40
CONNECTST Input/output valid values	<ul style="list-style-type: none"> <li>• CONNECTED</li> <li>• NOTCONNECTED</li> </ul>									
CONNECTST Output valid values	<ul style="list-style-type: none"> <li>• CONNECTING</li> <li>• DISCONNING</li> </ul>									
DEFINESOURCE	CHAR	INQ	MQCONN	DEFINESOURCE	8	DIFF	No	Source of the resource definition		256
DEFINETIME	DATETIME	INQ	MQCONN	DEFINETIME	8	MAX	No	Creation time		264
INSTALLAGENT	CVDAS	INQ	MQCONN	INSTALLAGENT	4	LIKE	No	Installation agent		288
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• GRPLIST</li> </ul>									
INSTALLTIME	DATETIME	INQ	MQCONN	INSTALLTIME	8	MAX	No	Installation time		280
INSTALLUSRID	CHAR	INQ			8	DIFF	No	Installation user ID		272
MQGGMTCONN	DATETIME	INQ	DFHMQGDS	MQG_connect_time_gmt	8	MAX	No	GMT connection time		200
MQGGMTDISC	DATETIME	INQ	DFHMQGDS	MQG_disconnect_time_gmt	8	MAX	No	GMT disconnect time		216

Table 752. MQCON resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Offset
MQGINDBTUOW	BINARY	STAT	DFHMQGDS	MQG_IndoubtUOW	4	AVG	No	Number of indoubt units of work		164
MQGINITQ	CHAR	STAT	DFHMQGDS	MQG_Initiation_queue	48	DIFF	No	Initiation queue name		52
MQGLOCONN	DATETIME	INQ	DFHMQGDS	MQG_connect_time_local	8	MAX	No	Local connection time		208
MQGLOCDISC	DATETIME	INQ	DFHMQGDS	MQG_disconnect_time_local	8	MAX	No	Local disconnect time		224
MQGRESBACUW	BINARY	STAT	DFHMQGDS	MQG_ResolveBack	4	AVG	No	Number of resolved backout units of work		176
MQGRESCOMUW	BINARY	STAT	DFHMQGDS	MQG_ResolveComm	4	AVG	No	Number of resolved committed units of work		172
MQGT2PCOMM	BINARY	STAT	DFHMQGDS	MQG_T2PComm	4	AVG	No	Number of two phase commit operations		196
MQGTAPI	BINARY	STAT	DFHMQGDS	MQG_TApi	4	AVG	No	Number of WebSphere MQ API calls since WebSphere MQ connected		104
MQGTAPIOK	BINARY	STAT	DFHMQGDS	MQG_TApiOk	4	AVG	No	Number of WebSphere MQ API calls completed successfully		108
MQGTBACKUOW	BINARY	STAT	DFHMQGDS	MQG_TBackUOW	4	AVG	No	Number of backout units of work		180
MQGTBUFMH	BINARY	STAT	DFHMQGDS	MQG_tbufmh	4	AVG	No	Number of MQBUFMH requests		344
MQGTCALL	BINARY	STAT	DFHMQGDS	MQG_TCall	4	AVG	No	Number of internal WebSphere MQ calls		112
MQGTCALLIO	BINARY	STAT	DFHMQGDS	MQG_TCallIO	4	AVG	No	Number of WebSphere MQ calls that needed I/O		120
MQGTCALLSYNC	BINARY	STAT	DFHMQGDS	MQG_TCallSynComp	4	AVG	No	Number of WebSphere MQ calls that completed synchronously		116
MQGTCTCB	BINARY	STAT	DFHMQGDS	MQG_tcb	4	AVG	No	Number of MQCTCB requests		296
MQGTCTCLOSE	BINARY	STAT	DFHMQGDS	MQG_TCLOSE	4	AVG	No	Number of MQCTCLOSE requests		136
MQGTCTCOMMUOW	BINARY	STAT	DFHMQGDS	MQG_TCommUOW	4	AVG	No	Number of committed units of work		184
MQGTCTCONSUME	BINARY	STAT	DFHMQGDS	MQG_tConsume	4	AVG	No	Number of messages consumed		300
MQGTCTCTMH	BINARY	STAT	DFHMQGDS	MQG_tctrlmh	4	AVG	No	Number of MQCTCTMH requests		320
MQGTCTCTL	BINARY	STAT	DFHMQGDS	MQG_tctl	4	AVG	No	Number of MQCTCTL requests		304
MQGTCTDLTMH	BINARY	STAT	DFHMQGDS	MQG_tdltmh	4	AVG	No	Number of MQCTDLTMH requests		324
MQGTCTDLTMP	BINARY	STAT	DFHMQGDS	MQG_tdltmp	4	AVG	No	Number of MQCTDLTMP requests		336
MQGTCTFUTATT	BINARY	STAT	DFHMQGDS	MQG_TFutileAtt	4	AVG	No	Number of WebSphere MQ API calls when WebSphere MQ was not connected		100
MQGTCTGET	BINARY	STAT	DFHMQGDS	MQG_TGET	4	AVG	No	Number of MQCTGET requests		140
MQGTCTGETWAIT	BINARY	STAT	DFHMQGDS	MQG_TGETWAIT	4	AVG	No	Number of MQCTGET with wait requests		144

Table 752. MQCON resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Offset
MQGTINQ	BINARY	STAT	DFHMQGDS	MQG_TINQ	4	AVG	No	Number of MQINQ requests		156
MQGTINQMP	BINARY	STAT	DFHMQGDS	MQG_tinqmp	4	AVG	No	Number of MQINQMP requests		332
MQGTMHBUF	BINARY	STAT	DFHMQGDS	MQG_tmhbuf	4	AVG	No	Number of MQMHBUF requests		340
MQGTOPEN	BINARY	STAT	DFHMQGDS	MQG_TOPEN	4	AVG	No	Number of MQOPEN requests		132
MQGTPUT	BINARY	STAT	DFHMQGDS	MQG_TPUT	4	AVG	No	Number of MQPUT requests		148
MQGTPUT1	BINARY	STAT	DFHMQGDS	MQG_TPUT1	4	AVG	No	Number of MQPUT1 requests		152
MQGTSET	BINARY	STAT	DFHMQGDS	MQG_TSET	4	AVG	No	Number of MQSET requests		160
MQGTSETMP	BINARY	STAT	DFHMQGDS	MQG_tsetmp	4	AVG	No	Number of MQSETMP requests		328
MQGTSPCOMM	BINARY	STAT	DFHMQGDS	MQG_TSPComm	4	AVG	No	Number of single phase commit operations		192
MQGTSTAT	BINARY	STAT	DFHMQGDS	MQG_tstat	4	AVG	No	Number of MQSTAT requests		316
MQGTSUB	BINARY	STAT	DFHMQGDS	MQG_tsub	4	AVG	No	Number of MQSUB requests		308
MQGTSUBRQ	BINARY	STAT	DFHMQGDS	MQG_tsubrq	4	AVG	No	Number of MQSUBRQ requests		312
MQGTSUBTASK	BINARY	STAT	DFHMQGDS	MQG_TSubtask ed	4	AVG	No	Number of WebSphere MQ calls that had a TCB switch		128
MQGTTASKEND	BINARY	STAT	DFHMQGDS	MQG_TTaskend	4	AVG	No	Number of completed tasks		188
MQGTWAITMSG	BINARY	STAT	DFHMQGDS	MQG_TWaitMsg	4	AVG	No	Number of MQGET with wait requests that waited		124
MQGUNRESUOW	BINARY	STAT	DFHMQGDS	MQG_UnResolvedUOW	4	AVG	No	Number of unresolved units of work		168
MQNAME	CHAR	INQ	MQCONN	MQNAME	4	DIFF	Yes	WebSphere MQ queue manager or QSG name		24
MQQMGR	CHAR	INQ	MQCONN	MQQMGR	4	DIFF	No	Connected Queue Manager name		28
MQRELEASE	CHAR	INQ	MQCONN	MQRELEASE	4	DIFF	No	WebSphere MQ Release		32
RESYNCMEMBER	CVDAS	INQ	MQCONN	RESYNCMEMBER	4	LIKE	Yes	Resynchronization member		36
RESYNCMEMBER Input/output valid values	<ul style="list-style-type: none"> <li>• RESYNC</li> <li>• NORESYNC</li> <li>• GROUPRESYNC</li> </ul>									
RESYNCMEMBER Output valid values	<ul style="list-style-type: none"> <li>• NOTAPPLIC</li> </ul>									
TASKS	BINARY	INQ	MQCONN	TASKS	4	AVG	No	Number of current tasks		44
TRIGMONTASKS	BINARY	INQ	MQCONN	TRIGMONTASKS	4	AVG	No	Number of current CICS MQMonitor tasks		48

# Chapter 320. MQCONDEF Resource Table

A CICS Definition that describes the connection properties of a WebSphere MQ connection.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a WebSphere MQ connection definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionMQConnection

**Object type**

CICS Definition

**Length**

200

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3840

**CICS Commands subject to CICS Security**

INQUIRE MQCONN

Table 753. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Table 753. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 754. MQCONDEF FEEDBACK error codes		
Value	Code	Description
1	MQCONDEF_INV_DATA	Attribute data invalid
2	MQCONDEF_REC_NOT_FOUND	Requested resource not found
4	MQCONDEF_REC_EXISTS	Resource already exists
5	MQCONDEF_REC_CHANGED	Resource definition already changed
6	MQCONDEF_INV_RESTYPE	Invalid resource type
7	MQCONDEF_INV_VER	Invalid resource version
11	MQCONDEF_NON_MP	Maintenance point CMAS not available
12	MQCONDEF_INV_CONTEXT	Context not found
13	MQCONDEF_INCONSISTENT_SET	Inconsistent set condition
14	MQCONDEF_INV_RESGROUP	Resource group not found
21	MQCONDEF_INV_ACTION	Invalid action
22	MQCONDEF_INV_RECADDR	Invalid record address
23	MQCONDEF_INV_RECLEN	Invalid record length
24	MQCONDEF_DIFF_VERSION	Different version
25	MQCONDEF_EARLY_NAMELIST_END	Early name list end
26	MQCONDEF_INV_NAMELIST	Invalid name list
27	MQCONDEF_INV_NAME	Invalid name
28	MQCONDEF_INV_MINNAME	Invalid minor name
29	MQCONDEF_NOTIFY	Notify
30	MQCONDEF_PARTIAL_INSTALL	Partial install

Table 754. MQCONDEF FEEDBACK error codes (continued)

Value	Code	Description
31	MQCONDEF_NOTHING_INSTALLED	Nothing installed
32	MQCONDEF_NO_TARGETS	No targets
33	MQCONDEF_NO_RELATED	No related systems
34	MQCONDEF_INV_TSCOPE	Invalid target scope
35	MQCONDEF_INV_RSCOPE	Invalid related scope
36	MQCONDEF_INV_USAGE	Invalid usage
37	MQCONDEF_INV_MODE	Invalid mode
38	MQCONDEF_INV_STATECHK	Invalid state check
39	MQCONDEF_INV_FORCEINS	Invalid force install
40	MQCONDEF_INV_NOTIFY	Invalid notify
41	MQCONDEF_INV_OVERTYPE	Invalid over type
42	MQCONDEF_INV_OVRBLOCK	Invalid override block
43	MQCONDEF_INV_ORSTRING	Invalid override string
44	MQCONDEF_INV_STRNGTERM	Invalid string term
45	MQCONDEF_INV_EMBEDTERM	Invalid embedded terminator
46	MQCONDEF_INV_ATTRIBUTE	Invalid attribute
47	MQCONDEF_INV_LITERAL	Invalid literal
48	MQCONDEF_INV_ORSTGNA	Invalid override string
49	MQCONDEF_SCOPE_REQUIRED	Scope required
50	MQCONDEF_USAGE_CONFLICT	Usage conflict
51	MQCONDEF_NODEFS_SELECTED	No definitions selected
52	MQCONDEF_MORE_THAN_1_RELSYS	More than one related system
53	MQCONDEF_MISSING_RELSYSID	Missing related system identifier
54	MQCONDEF_SCOPE_CONFLICT	Scope conflict
55	MQCONDEF_INV_INITQNAME	Invalid INITQNAME value
56	MQCONDEF_INV_MQNAME	Invalid MQNAME value
57	MQCONDEF_INV_RESYNCMEMBER	Invalid RESYNCMEMBER value
58	MQCONDEF_INV_CSDGROUP	Invalid CSD group
59	MQCONDEF_REC_NOT_REMOVED	Record not removed
60	MQCONDEF_INV_RESOURCE	Invalid resource
61	MQCONDEF_INV_CICS_RESTYPE	Invalid CICS restype
62	MQCONDEF_PARTIAL_ACTION	Partial action
63	MQCONDEF_NOTHING_ACTIONED	Nothing actioned
64	MQCONDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
65	MQCONDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required

Table 754. MQCONDEF FEEDBACK error codes (continued)

Value	Code	Description
66	MQCONDEF_CSD_ERROR	CSD access error

Table 755. MQCONDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				37
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		36
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	192
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				16
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		188
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				128
INITQNAME	CHAR	CPSM	48	No	DIFF	MQ initiation queue name				45
MQNAME	CHAR	CPSM	4	Yes	DIFF	MQ queue manager or QSG name				93
RESYNCMEMBER	EYUDA	CPSM	4	Yes	LIKE	Resynchronization Member	YES			100
RESYNCMEMBER Input/ output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• GROUPRESYNC</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				104
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				112
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				120



## Chapter 321. MQCONN Resource Table

A CICS resource that describes a subset of the WebSphere MQ connection attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is MQGQMGRNAME.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSMQConnectionStatistics

### Object type

CICS Resource

### Length

288

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0159

### CICS Commands subject to CICS Security

COLLECT STATISTICS

Table 756. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 757. MQCONN resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		12
MQGQMGRNAME-1	CHAR	STAT	DFHMQGDS	MQG_QMGR_NAME	48	DIFF	MQ queue manager name		16
MQCONNECT	CHAR	STAT	DFHMQGDS	MQG_Mqconn_name	8	DIFF	MQ connection name	E640 E650	224
MQGCONNSTAT	EYUDA	STAT	DFHMQGDS	MQG_CONNECTION_STATUS	4	LIKE	MQ connection status		68
MQGCONNSTAT Output valid values	<ul style="list-style-type: none"><li>CONNECTED</li><li>NOTCONNECTED</li></ul>								

Table 757. MQCONN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
MQGINDBTUOW	BINARY	STAT	DFHMQGDS	MQG_IndoubtUOW	4	AVG	Number of indoubt units of work		188
MQGINITQ	CHAR	STAT	DFHMQGDS	MQG_INITIATION_QUEUE	48	DIFF	Initiation queue name		72
MQGMQRELEASE	CHAR	STAT	DFHMQGDS	MQG_MQ_RELEASE	4	DIFF	MQ Release		64
MQGRESBACUW	BINARY	STAT	DFHMQGDS	MQG_ResolveBack	4	AVG	Number of resolved backout units of work		200
MQGRESCOMUW	BINARY	STAT	DFHMQGDS	MQG_ResolveComm	4	AVG	Number of resolved committed units of work		196
MQGT2PCOMM	BINARY	STAT	DFHMQGDS	MQG_T2PComm	4	AVG	Number of two phase commit operations		220
MQGTAPI	BINARY	STAT	DFHMQGDS	MQG_TApi	4	AVG	Number of MQ API calls since MQ connected		128
MQGTAPIOK	BINARY	STAT	DFHMQGDS	MQG_TApiOk	4	AVG	Number of MQ API calls completed successfully		132
MQGTBACKUOW	BINARY	STAT	DFHMQGDS	MQG_TBackUOW	4	AVG	Number of backout units of work		204
MQGTBUFMH	BINARY	STAT	DFHMQGDS	MQG_tbufmh	4	AVG	Number of MQBUFMH requests		280
MQGTCALL	BINARY	STAT	DFHMQGDS	MQG_TCall	4	AVG	Number of internal MQ calls		136
MQGTCALLIO	BINARY	STAT	DFHMQGDS	MQG_TCallIO	4	AVG	Number of MQ calls that needed I/O		144
MQGTCALLSYNC	BINARY	STAT	DFHMQGDS	MQG_TCallSyncComp	4	AVG	Number of MQ calls that completed synchronously		140
MQGTCTCB	BINARY	STAT	DFHMQGDS	MQG_tcb	4	AVG	Number of MQCB requests		232
MQGTCTCLOSE	BINARY	STAT	DFHMQGDS	MQG_TCLOSE	4	AVG	Number of MQCLOSE requests		160
MQGTCOMMUOW	BINARY	STAT	DFHMQGDS	MQG_TCommUOW	4	AVG	Number of committed units of work		208
MQGTCONSUME	BINARY	STAT	DFHMQGDS	MQG_tConsume	4	AVG	Number of messages consumed		236
MQGTCRTMH	BINARY	STAT	DFHMQGDS	MQG_tcrtmh	4	AVG	Number of MQCRTMH requests		256
MQGTCTL	BINARY	STAT	DFHMQGDS	MQG_tctl	4	AVG	Number of MQCTL requests		240
MQGTDLTMH	BINARY	STAT	DFHMQGDS	MQG_tdltmh	4	AVG	Number of MQDLTMH requests		260
MQGTDLTMP	BINARY	STAT	DFHMQGDS	MQG_tdltmp	4	AVG	Number of MQDLTMP requests		272
MQGTFUTATT	BINARY	STAT	DFHMQGDS	MQG_TFutileAtt	4	AVG	Number of MQ API calls when MQ was not connected		124
MQGTGET	BINARY	STAT	DFHMQGDS	MQG_TGET	4	AVG	Number of MQGET requests		164
MQGTGETWAIT	BINARY	STAT	DFHMQGDS	MQG_TGETWAIT	4	AVG	Number of MQGET with wait requests		168
MQGTINQ	BINARY	STAT	DFHMQGDS	MQG_TINQ	4	AVG	Number of MQINQ requests		180
MQGTINQMP	BINARY	STAT	DFHMQGDS	MQG_tinqmp	4	AVG	Number of MQINQMP requests		268
MQGTMHBUF	BINARY	STAT	DFHMQGDS	MQG_tmhbuf	4	AVG	Number of MQMHBUF requests		276

Table 757. MQCONN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
MQGTOPEN	BINARY	STAT	DFHMQGDS	MQG_TOPEN	4	AVG	Number of MQOPEN requests		156
MQGTPUT	BINARY	STAT	DFHMQGDS	MQG_TPUT	4	AVG	Number of MQPUT requests		172
MQGTPUT1	BINARY	STAT	DFHMQGDS	MQG_TPUT1	4	AVG	Number of MQPUT1 requests		176
MQGTSET	BINARY	STAT	DFHMQGDS	MQG_TSET	4	AVG	Number of MQSET requests		184
MQGTSETMP	BINARY	STAT	DFHMQGDS	MQG_tsetmp	4	AVG	Number of MQSETMP requests		264
MQGTSPCOMM	BINARY	STAT	DFHMQGDS	MQG_TSPComm	4	AVG	Number of single phase commit operations		216
MQGTSTAT	BINARY	STAT	DFHMQGDS	MQG_tstat	4	AVG	Number of MQSTAT requests		252
MQGTSUB	BINARY	STAT	DFHMQGDS	MQG_tsub	4	AVG	Number of MQSUB requests		244
MQGTSUBRQ	BINARY	STAT	DFHMQGDS	MQG_tsubrq	4	AVG	Number of MQSUBRQ requests		248
MQGTSUBTASK	BINARY	STAT	DFHMQGDS	MQG_TSubtaskend	4	AVG	Number of MQ calls that had a TCB switch		152
MQGTTASKEND	BINARY	STAT	DFHMQGDS	MQG_TTaskend	4	AVG	Number of tasks		212
MQGTTASKS	BINARY	STAT	DFHMQGDS	MQG_TTasks	4	AVG	Number of current tasks		120
MQGTWAITMSG	BINARY	STAT	DFHMQGDS	MQG_TWaitMsg	4	AVG	Number of MQGET with wait requests that waited		148
MQGUNRESUOW	BINARY	STAT	DFHMQGDS	MQG_UnResolveUOW	4	AVG	Number of unresolved units of work		192



## Chapter 322. MQINI Resource Table

A CICS Resource that names the default initiation queue for the CICS-WebSphere MQ connection. CICS installs this resource implicitly when you create a WebSphere MQ connection definition for the CICS system.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSMQInitiationQueue

### Object type

CICS Resource

### Length

136

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0185

### CICS Commands subject to CICS Security

INQUIRE MQINI

Table 758. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 759. MQINI resource table attributes										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved			12
NAME-1	CHAR	INQ	MQINI	MQINI	8	DIFF	MQ initiation queue resource name			16
BASDEFINEVER	BINARY	CPSM			1	AVG	BAS resource definition version	0		132
CHANGEAGENT	CVDAS	INQ	MQINI	CHANGEAGENT	4	LIKE	Last modification agent		E640 E650	80

Table 759. MQINI resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Inval id	Offset
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>AUTOINSTALL</li> <li>DYNAMIC</li> </ul>									
CHANGEAGREL	CHAR	INQ	MQINI	CHANGEAGREL	4	DIFF	Last modification agent release		E640 E650	84
CHANGETIME	DATETIME	INQ	MQINI	CHANGETIME	8	MAX	Last modification time			88
CHANGEUSRID	CHAR	INQ	MQINI	CHANGEUSRID	8	DIFF	Last modification user ID		E640 E650	72
DEFINESOURCE	CHAR	INQ	MQINI	DEFINESOURCE	8	DIFF	Source of the resource definition		E640 E650	96
DEFINETIME	DATETIME	INQ	MQINI	DEFINETIME	8	MAX	Creation time			104
INITQNAME	CHAR	INQ	MQINI	INITQNAME	48	DIFF	MQ initiation queue name			24
INSTALLAGENT	CVDAS	INQ	MQINI	INSTALLAGENT	4	LIKE	Installation agent		E640 E650	128
INSTALLAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>AUTOINSTALL</li> <li>DYNAMIC</li> </ul>									
INSTALLTIME	DATETIME	INQ	MQINI	INSTALLTIME	8	MAX	Installation time			120
INSTALLUSRID	CHAR	INQ			8	DIFF	Installation user ID		E640 E650	112

## Chapter 323. MQMINGRP Resource Table

A CPSM Business Application Services definition that describes the membership of a WebSphere MQ monitor definition (MQMONDEF) in a resource group (RESGROUP). An MQMONDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is MQMGROUP.

The **Secondary** key field for this resource class is MQMNAME.

The **Tertiary** key field for this resource class is MQMVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6187

### Security Class

BAS.DEF

Table 760. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 761. MQMINGRP FEEDBACK error codes		
Value	Code	Description
1	MQMINGRP_INV_DATA	Attribute data invalid
2	MQMINGRP_REC_NOT_FOUND	Requested resource not found
4	MQMINGRP_REC_EXISTS	Resource already exists
6	MQMINGRP_INV_RESTYPE	Invalid resource type
7	MQMINGRP_INV_VER	Invalid resource version
11	MQMINGRP_NON_MP	Maintenance point CMAS not available

Table 761. MQMINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	MQMINGRP_INV_CONTEXT	Context not found
21	MQMINGRP_INCONSISTENT_SET	Inconsistent set
22	MQMINGRP_DIFF_VERSION	Different version
23	MQMINGRP_INV_NAME	Invalid name
24	MQMINGRP_INV_MINNAME	Invalid minor name

Table 762. MQMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
<b>MQMGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
<b>MQMNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	MQMonitor definition name	44
<b>MQMVER-3</b>	BINARY	CPSM	1	Yes	AVG	MQMonitor definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16



# Chapter 324. MQMON Resource Table

A CICS resource that describes a WebSphere MQ monitor in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**ENABLE**

Enable the MQMONITOR resource for use in the CICS region.

**DISABLE**

Disable the MQMONITOR resource.

**DISCARD**

Discard the WebSphere MQ monitor definition.

**START**

Start the WebSphere MQ monitor.

**STOP**

Stop the WebSphere MQ monitor.

**External resource name(CMCI)**

CICSMQMonitor

**Object type**

CICS Resource

**Length**

520

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0219

**CICS Commands subject to CICS Security**

INQUIRE MQMON

Table 763. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A
	DISCARD	None	N/A

Table 763. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
	START	None	N/A
	STOP	None	N/A

Table 764. MQMON resource table attributes											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
NAME-1	CHAR	INQ	MQMONITOR	MQMONITOR	8	DIF F	No	MQ monitor resource name			16
AUTOSTATUS	CVDAS	INQ	MQMONITOR	AUTOSTATUS	4	LIKE	Yes	Autostart status		E640 E650 E660 E670 E680 E690 E700	72
AUTOSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>AUTOSTART</li> <li>NOAUTOSTART</li> </ul>										
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0		516
CHANGEAGENT	CVDAS	INQ	MQMONITOR	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650 E660 E670 E680 E690 E700	464
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>CSDAPI</li> <li>CSDBATCH</li> <li>DREPAPI</li> <li>DREPBATCH</li> <li>CREATESPI</li> <li>NOTAPPLIC</li> <li>AUTOINSTALL</li> <li>DYNAMIC</li> <li>OVERRIDE</li> </ul>										
CHANGEAGREL	CHAR	INQ	MQMONITOR	CHANGEAGREL	4	DIF F	No	Last modification agent release		E640 E650 E660 E670 E680 E690 E700	468
CHANGETIME	DATETIME	INQ	MQMONITOR	CHANGETIME	8	MAX	No	Last modification time			472
CHANGEUSRID	CHAR	INQ	MQMONITOR	CHANGEUSRID	8	DIF F	No	Last modification user ID		E640 E650 E660 E670 E680 E690 E700	456

Table 764. MQMON resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
DEFINESOURCE	CHAR	INQ	MQMONITOR	DEFINESOURCE	8	DIF F	No	Source of the resource definition		E640 E650 E660 E670 E680 E690 E700	480
DEFINETIME	DATETIME	INQ	MQMONITOR	DEFINETIME	8	MAX	No	Creation time			488
ENABLESTATUS	CVDAS	INQ	MQMONITOR	ENABLESTATUS	4	LIKE	Yes	Enabled status		E640 E650 E660 E670 E680 E690 E700	76
ENABLESTATUS Input/ output valid values	<ul style="list-style-type: none"> <li>ENABLED</li> <li>DISABLED</li> </ul>										
ENABLESTATUS Output valid values	<ul style="list-style-type: none"> <li>ENABLING</li> <li>DISABLING</li> <li>DISCARDING</li> </ul>										
INSTALLAGENT	CVDAS	INQ	MQMONITOR	INSTALLAGENT	4	LIKE	No	Installation agent		E640 E650 E660 E670 E680 E690 E700	512
INSTALLAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>CSDAPI</li> <li>CREATESPI</li> <li>GRPLIST</li> <li>DYNAMIC</li> </ul>										
INSTALLTIME	DATETIME	INQ	MQMONITOR	INSTALLTIME	8	MAX	No	Installation time			504
INSTALLUSRID	CHAR	INQ	MQMONITOR	INSTALLUSRID	8	DIF F	No	Installation user ID		E640 E650 E660 E670 E680 E690 E700	496
MONDATA	CHAR	INQ	MQMONITOR	MONDATA	218	DIF F	No	Monitor data		E640 E650 E660 E670 E680 E690 E700	104
MONSTATUS	CVDAS	INQ	MQMONITOR	MONSTATUS	4	LIKE	Yes	Monitor status		E640 E650 E660 E670 E680 E690 E700	80
MONSTATUS Input/ output valid values	<ul style="list-style-type: none"> <li>STARTED</li> <li>STOPPED</li> </ul>										
MONSTATUS Output valid values	<ul style="list-style-type: none"> <li>STARTING</li> <li>STOPPING</li> </ul>										

Table 764. MQMON resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Offset
MONUSERID	CHAR	INQ	MQMONITOR	MONUSERID	8	DIF F	No	Monitor userid		E640 E650 E660 E670 E680 E690 E700	88
MQRGMTSTART	DATETIME	INQ	DFHMQRDS	MQR_start_time_gmt	8	MAX	No	GMT start time			424
MQRGMTSTOP	DATETIME	INQ	DFHMQRDS	MQR_stop_time_gmt	8	MAX	No	GMT stop time			440
MQRLCLSTART	DATETIME	INQ	DFHMQRDS	MQR_start_time_local	8	MAX	No	Local start time			432
MQRLCLSTOP	DATETIME	INQ	DFHMQRDS	MQR_stop_time_local	8	MAX	No	Local stop time			448
MQRQNAME	CHAR	STAT	DFHMQRDS	MQR_qname	48	DIF F	No	MQ queue name			326
MQRTBACKUOW	BINARY	STAT	DFHMQRDS	MQR_TBackUOW	4	AVG	No	Number of backout units of work			416
MQRTCLOSE	BINARY	STAT	DFHMQRDS	MQR_TCLOSE	4	AVG	No	Number of MQCLOSE requests			380
MQRTCOMMUOW	BINARY	STAT	DFHMQRDS	MQR_TCommUOW	4	AVG	No	Number of committed units of work			412
MQRTGET	BINARY	STAT	DFHMQRDS	MQR_TGET	4	AVG	No	Number of MQGET requests			384
MQRTGETWAIT	BINARY	STAT	DFHMQRDS	MQR_TGETWAIT	4	AVG	No	Number of MQGET with wait requests			388
MQRTINQ	BINARY	STAT	DFHMQRDS	MQR_TINQ	4	AVG	No	Number of MQINQ requests			400
MQRTINQL	BINARY	STAT	DFHMQRDS	MQR_TINQL	4	AVG	No	Number of MQINQL requests			404
MQRTOPEN	BINARY	STAT	DFHMQRDS	MQR_TOPEN	4	AVG	No	Number of MQOPEN requests			376
MQRTOTHER	BINARY	STAT	DFHMQRDS	MQR_TOther	4	AVG	No	Number of other MQ calls			420
MQRTPUT	BINARY	STAT	DFHMQRDS	MQR_TPUT	4	AVG	No	Number of MQPUT requests			392
MQRTPUT1	BINARY	STAT	DFHMQRDS	MQR_TPUT1	4	AVG	No	Number of MQPUT1 requests			396
MQRTSET	BINARY	STAT	DFHMQRDS	MQR_TSET	4	AVG	No	Number of MQSET requests			408
QNAME	CHAR	INQ	MQMONITOR	QNAME	48	DIF F	No	MQ queue name			24
TASKID	DECIMAL	INQ	MQMONITOR	TASKID	4	DIF F	No	Task number		E640 E650 E660 E670 E680 E690 E700	322
TRANSACTION	CHAR	INQ	MQMONITOR	TRANSACTION	4	DIF F	No	Monitor transaction		E640 E650 E660 E670 E680 E690 E700	84

Table 764. MQMON resource table attributes (continued)											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
USERID	CHAR	INQ			8	DIF F	No	Target userid		E640 E650 E660 E670 E680 E690 E700	96



# Chapter 325. MQMONDEF Resource Table

A CICS definition that describes the properties of a WebSphere MQ monitor.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a WebSphere MQ monitor definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionMQMonitor

**Object type**

CICS Definition

**Length**

424

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3842

**CICS Commands subject to CICS Security**

INQUIRE MQMON

Table 765. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Table 765. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 766. MQMONDEF FEEDBACK error codes		
Value	Code	Description
1	MQMONDEF_INV_DATA	Attribute data invalid
2	MQMONDEF_REC_NOT_FOUND	Requested resource not found
4	MQMONDEF_REC_EXISTS	Resource already exists
5	MQMONDEF_REC_CHANGED	Resource definition already changed
6	MQMONDEF_INV_RESTYPE	Invalid resource type
7	MQMONDEF_INV_VER	Invalid resource version
11	MQMONDEF_NON_MP	Maintenance point CMAS not available
12	MQMONDEF_INV_CONTEXT	Context not found
13	MQMONDEF_INCONSISTENT_SET	Inconsistent set condition
14	MQMONDEF_INV_RESGROUP	Resource group not found
21	MQMONDEF_INV_ACTION	Invalid action
22	MQMONDEF_INV_RECADDR	Invalid record address
23	MQMONDEF_INV_RECLEN	Invalid record length
24	MQMONDEF_DIFF_VERSION	Different version
25	MQMONDEF_EARLY_NAMELIST_END	Early name list end
26	MQMONDEF_INV_NAMELIST	Invalid name list
27	MQMONDEF_INV_NAME	Invalid name
28	MQMONDEF_INV_MINNAME	Invalid minor name
29	MQMONDEF_NOTIFY	Notify
30	MQMONDEF_PARTIAL_INSTALL	Partial install



Table 766. MQMONDEF FEEDBACK error codes (continued)

Value	Code	Description
31	MQMONDEF_NOTHING_INSTALLED	Nothing installed
32	MQMONDEF_NO_TARGETS	No targets
33	MQMONDEF_NO_RELATED	No related systems
34	MQMONDEF_INV_TSCOPE	Invalid target scope
35	MQMONDEF_INV_RSCOPE	Invalid related scope
36	MQMONDEF_INV_USAGE	Invalid usage
37	MQMONDEF_INV_MODE	Invalid mode
38	MQMONDEF_INV_STATECHK	Invalid state check
39	MQMONDEF_INV_FORCEINS	Invalid force install
40	MQMONDEF_INV_NOTIFY	Invalid notify
41	MQMONDEF_INV_OVERTYPE	Invalid over type
42	MQMONDEF_INV_OVRBLOCK	Invalid override block
43	MQMONDEF_INV_ORSTRING	Invalid override string
44	MQMONDEF_INV_STRNGTERM	Invalid string term
45	MQMONDEF_INV_EMBEDTERM	Invalid embedded terminator
46	MQMONDEF_INV_ATTRIBUTE	Invalid attribute
47	MQMONDEF_INV_LITERAL	Invalid literal
48	MQMONDEF_INV_ORSTGNA	Invalid override string
49	MQMONDEF_SCOPE_REQUIRED	Scope required
50	MQMONDEF_USAGE_CONFLICT	Usage conflict
51	MQMONDEF_NODEFS_SELECTED	No definitions selected
52	MQMONDEF_MORE_THAN_1_RELSYS	More than one related system
53	MQMONDEF_MISSING_RELSYSID	Missing related system identifier
54	MQMONDEF_SCOPE_CONFLICT	Scope conflict
55	MQMONDEF_INV_CSDGROUP	Invalid CSD group
56	MQMONDEF_REC_NOT_REMOVED	Record not removed
57	MQMONDEF_INV_RESOURCE	Invalid resource
58	MQMONDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	MQMONDEF_PARTIAL_ACTION	Partial action
60	MQMONDEF_NOTHING_ACTIONED	Nothing actioned
61	MQMONDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	MQMONDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	MQMONDEF_CSD_ERROR	CSD access error

Table 767. MQMONDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Inval id	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	No	Name				37
DEFVER-2	BINARY	CPSM	1	Yes	AVG	No	Version	0	0-15		36
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	No	CSD group			E640 E650 E660 E670 E680 E690 E700	412
AUTOSTART	EYUDA	CPSM	4	No	DIFF	Yes	Autostart status	YES			96
AUTOSTART Input/ output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>										
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650 E660 E670 E680 E690 E700	8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650 E660 E670 E680 E690 E700	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650 E660 E670 E680 E690 E700	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				16
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		408
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				348
MONDATA	CHAR	CPSM	200	No	DIFF	No	Monitor data				124
MONUSERID	CHAR	CPSM	8	Yes	DIFF	No	Monitor userid				108
QNAME	CHAR	CPSM	48	No	DIFF	No	MQ queue name				45
STATUS	CVDAS	CPSM	4	No	DIFF	Yes	Enabled status	ENABLED			100
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>										
TRANSACTION	CHAR	CPSM	4	No	DIFF	No	Monitor transaction				104
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				324
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				332
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				340
USERID	CHAR	CPSM	8	No	DIFF	No	Target userid				116

# Chapter 326. MREMFILe Resource Table

A CICS Monitored resource that describes a subset of the remote file attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is FILE.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

88

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1373

**Security Class**

OPERATE.FILE

Table 768. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 769. MREMFILe FEEDBACK error codes

Value	Code	Description
9	MREMFILe_NO_MON_DATA	No data for monitored resource
10	MREMFILe_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 770. MREMFIL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
FILE-1	CHAR	INQ	8	DIFF	File ID	24
ADDCNT	BINARY	STAT	4	AVG	Number of WRITE requests	64
BROWSECNT	BINARY	STAT	4	AVG	Number of READNEXT and READPREV requests	60
CURREQRATE	RATE	CPSM	4	AVG	Request rate for current sample	76
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enable status	44
ENABLESTATUS Output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> <li>• UNENABLED</li> <li>• DISABLING</li> </ul>					
GETCNT	BINARY	STAT	4	AVG	Number of READ Requests	52
GETUPDCNT	BINARY	STAT	4	AVG	Number of READ UPDATE requests	56
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	16
INTREQRATE	RATE	CPSM	4	AVG	Request rate for monitor interval	80
REMDLCNT	BINARY	STAT	4	AVG	Number of DELETE requests	48
REMOTENAME	CHAR	INQ	8	DIFF	Remote file name	32
REMOTESYSTEM	CHAR	INQ	4	DIFF	Remote system name	40
TOTLREQCNT	BINARY	CPSM	4	AVG	Total number of all requests	72
UPDATECNT	BINARY	STAT	4	AVG	Number of REWRITE requests	68

# Chapter 327. MREMTDQ Resource Table

A CICS Monitored resource that describes a subset of the remote transient data queue attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is TDQUEUE.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

48

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1387

**Security Class**

OPERATE.TDQUEUE

Table 771. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 772. MREMTDQ FEEDBACK error codes

Value	Code	Description
9	MREMTDQ_NO_MON_DATA	No data for monitored resource
10	MREMTDQ_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 773. MREMTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
TDQUEUE-1	CHAR	INQ	4	DIFF	Queue identifier	24
CUROUTQRATE	RATE	CPSM	4	AVG	Output rate for current sample	40
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval identifier	16
INTOUTQRATE	RATE	CPSM	4	AVG	Output rate for interval	44
OUTCNT	BINARY	STAT	4	SUM	Number of I/O requests	36
REMOTENAME	CHAR	INQ	4	DIFF	Remote name	28
REMOTESYSTEM	CHAR	INQ	4	DIFF	Remote system name	32

# Chapter 328. MREMTRAN Resource Table

A CICS Monitored resource that describes a subset of the remote transaction attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is TRANID.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

80

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1381

**Security Class**

OPERATE.TRAN

Table 774. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 775. MREMTRAN FEEDBACK error codes

Value	Code	Description
9	MREMTRAN_NO_MON_DATA	No data for monitored resource
10	MREMTRAN_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 776. MREMTTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
TRANID-1	CHAR	INQ	4	DIFF	Transaction	24
CURAVGRES	AVERAGE	CPSM	4	MAX	Average response time for current sample	56
CURTRANRATE	RATE	CPSM	4	SUM	Transaction rate for current sample	44
INTAVGRES	AVERAGE	CPSM	4	MAX	Average response time for monitor interval	60
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	16
INTTRANRATE	RATE	CPSM	4	SUM	Transaction rate for monitor interval	48
IRIOTIME	INT16US	CMF	4	AVG	Interregion wait time	64
REMOTECNT	CNUMERIC	STAT	4	SUM	Number of times transaction run remotely	36
REMOTENAME	CHAR	INQ	4	DIFF	Remote transaction ID	28
REMOTESYSTEM	CHAR	INQ	4	DIFF	Remote system name	32
REMSTARTCNT	CNUMERIC	STAT	4	AVG	Number of times transaction started	76
RESPTIME	BINARY	CMF	4	AVG	Response time	52
TRANCLASS	CHAR	INQ	8	DIFF	Transaction class name	68
USECOUNT	BINARY	STAT	4	SUM	Number of times transaction has been used	40



# Chapter 329. MTDQGBL Resource Table

A CICS Monitored resource that describes a subset of the transient data queue attributes sampled by the CICSplex SM MAS Monitor agents.

The MTDQGBL resource class does not provide an explicit key attribute. The set of object instances returned is a function of the current scope in effect when the request is made.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

160

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1383

**Security Class**

OPERATE.TDQUEUE

Table 777. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 778. MTDQGBL FEEDBACK error codes

Value	Code	Description
9	MTDQGBL_NO_MON_DATA	No data for monitored resource
10	MTDQGBL_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 779. MTDQGBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
ACCESSCNT	BINARY	STAT	4	AVG	Number of intrapartition accesses	32
BUFFERS	BINARY	STAT	4	AVG	Number of intrapartition buffers	24
BUFFWAITS	BINARY	STAT	4	AVG	Number of intrapartition buffer waits	48
CINUM	BINARY	STAT	4	AVG	Number of control intervals	60
CISIZE	BINARY	STAT	4	AVG	Control interval size	56
CURACCCNT	RATE	CPSM	4	AVG	Intrapartition access rate for current sample	36
CURBUFFWAIT	CNUMERIC	STAT	4	AVG	Number of current buffer waits	136
CURBUFVALDA	CNUMERIC	STAT	4	AVG	Number of current buffers with valid data	140
CURCONBUFAC	CNUMERIC	STAT	4	AVG	Number of current concurrent buffer accesses	132
CURCONSTRAC	CNUMERIC	STAT	4	AVG	Number of current concurrent string accesses	144
CURFULLPER	PERCENT	CPSM	4	AVG	Percentage buffer-full time for current sample	72
CURREADRATE	RATE	CPSM	4	AVG	Read rate for current sample	96
CURSTRWAITS	CNUMERIC	STAT	4	AVG	Number of current string waits	148
CURWRITRATE	RATE	CPSM	4	AVG	Write rate for current sample	88
FMTWRITE	BINARY	STAT	4	AVG	Number of formatting writes	104
INTACCCNT	RATE	CPSM	4	AVG	Intrapartition access rate for monitor interval	40
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	16
INTFULLPER	PERCENT	CPSM	4	AVG	Percentage buffer-full time for monitor interval	76
INTREADRATE	RATE	CPSM	4	AVG	Read rate for monitor interval	100
INTWRITRATE	RATE	CPSM	4	AVG	Write rate for monitor interval	92
IOERRS	BINARY	STAT	4	AVG	Number of I/O errors	108
NOSPACECNT	BINARY	STAT	4	AVG	Number of times NOSPACE occurred	68
NUMCTRLINTV	CNUMERIC	STAT	4	AVG	Number of control intervals in use	152
PEAKBWAIT	BINARY	STAT	4	AVG	Peak number of intrapartition buffer waits	52
PEAKCACCESS	BINARY	STAT	4	AVG	Peak number of concurrent intrapartition accesses	44
PEAKCIUSE	BINARY	STAT	4	AVG	Peak number of control intervals used	64
PEAKQACTV	BINARY	STAT	4	AVG	Peak number of queues that contain data	28
PEAKSTRACC	BINARY	STAT	4	AVG	Peak number of concurrent string accesses	120
PEAKSTRWAIT	BINARY	STAT	4	AVG	Peak number of string waits	128
READS	BINARY	STAT	4	AVG	Number of reads from data set	84
STRACCESS	BINARY	STAT	4	AVG	Number of times string accessed	116
STRINGS	BINARY	STAT	4	AVG	Number of strings	112
STRNGWAITS	BINARY	STAT	4	AVG	Number of string waits	124
WRITES	BINARY	STAT	4	AVG	Number of writes to data set	80

# Chapter 330. MTERMNL Resource Table

A CICS Monitored resource that describes a subset of the terminal attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is TERMID.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

136

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1378

**Security Class**

OPERATE.TERMINAL

Table 780. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 781. MTERMNL FEEDBACK error codes

Value	Code	Description
9	MTERMNL_NO_MON_DATA	No data for monitored resource
10	MTERMNL_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 782. MTERMNL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
<b>TERMINID-1</b>	CHAR	INQ	4	DIFF	Terminal ID	24
ACQSTATUS	CVDAS	INQ	4	LIKE	Acquired status	128
ACQSTATUS Output valid values	<ul style="list-style-type: none"> <li>• ACQUIRED</li> <li>• RELEASED</li> <li>• ACQUIRING</li> <li>• NOTAPPLIC</li> </ul>					
CURIMSGRATE	RATE	CPSM	4	AVG	Input message rate for current sample	64
CUROMSGRATE	RATE	CPSM	4	AVG	Output message rate for current sample	72
CURTRANRATE	RATE	CPSM	4	AVG	Transaction rate for current sample	84
DEVICE	CVDAT	INQ	4	LIKE	Device type	28

Table 782. MTERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
DEVICE Output valid values	<ul style="list-style-type: none"> <li>BATCHLU</li> <li>BIPROG</li> <li>BISYNCH</li> <li>CDRDLPRT</li> <li>CONTNLU</li> <li>HARDCOPY</li> <li>INTACTLU</li> <li>ISCMCONV</li> <li>LUCMODGRP</li> <li>LUCSESS</li> <li>LUTYPE4</li> <li>LUTYPE6</li> <li>MAGTAPE</li> <li>RESSYS</li> <li>SDLC</li> <li>SEQDISK</li> <li>SYSTEM3</li> <li>SYSTEM7</li> <li>SYS7BSCA</li> <li>TCONSOLE</li> <li>TELETYPE</li> <li>TTCAM</li> <li>TWX3335</li> <li>T1050</li> <li>T1053</li> <li>T2260L</li> <li>T2260R</li> <li>T2265</li> <li>T2740</li> <li>T2741BCD</li> <li>T2741COR</li> <li>T2770</li> <li>T2780</li> <li>T3275R</li> <li>T3277L</li> <li>T3277R</li> <li>T3284L</li> <li>T3284R</li> <li>T3286L</li> <li>T3286R</li> <li>T3600BI</li> <li>T3601</li> <li>T3614</li> <li>T3650ATT</li> <li>T3735</li> <li>T3650PIPE</li> <li>T3650USER</li> <li>T3653HOST</li> <li>T3740</li> <li>T3780</li> <li>T3790</li> <li>T3790SCSP</li> <li>T3790UP</li> <li>T7770</li> <li>VIDEOTERM</li> </ul>					

Table 782. MTERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
INPMSCNT	BINARY	STAT	4	AVG	Number of input messages	56
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	16
INTIMSGRATE	RATE	CPSM	4	AVG	Input message rate for monitor interval	68
INTOMSGRATE	RATE	CPSM	4	AVG	Output message rate for monitor interval	76
INTTRANRATE	RATE	CPSM	4	AVG	Transaction rate for monitor interval	88
LUNAME	CHAR	STAT	8	DIFF	LU name	116
NETNAME	CHAR	INQ	8	DIFF	Network name	44
OUTMSGCNT	BINARY	STAT	4	AVG	Number of output messages	60
PMSGCNT	CNUMERIC	STAT	4	AVG	Total pipeline-throwaway count	104
PMSGCONSEC	CNUMERIC	STAT	4	AVG	Maximum pipeline-throwaway count	112
PMSGGRPCNT	CNUMERIC	STAT	4	AVG	Number of consecutive pipeline-throwaways	108
POLLCNT	DECIMAL	STAT	4	AVG	Number of polls sent to terminal	52
REMOTENAME	CHAR	INQ	4	DIFF	Name of terminal in remote CICS	36
REMOTESYSTEM	CHAR	INQ	4	DIFF	Remote system name	40
SERVSTATUS	CV DAS	INQ	4	LIKE	Service status	32
SERVSTATUS Output valid values	<ul style="list-style-type: none"> <li>• INSERVICE</li> <li>• OUTSERVICE</li> <li>• GOINGOUT</li> </ul>					
STGVCNT	CNUMERIC	STAT	4	AVG	Number of storage violations	92
STORAGE	CNUMERIC	STAT	4	AVG	Terminal input-output area (TIOA) storage	124
TERRCNT	BINARY	STAT	4	AVG	Number of transaction errors	100
TRANCNT	BINARY	STAT	4	AVG	Number of transactions	80
XERRCNT	BINARY	STAT	4	AVG	Number of transmission errors or disconnects	96

# Chapter 331. MTRANCLS Resource Table

A CICS Monitored resource that describes a subset of the transaction class attributes sampled by the CICSplex SM MAS Monitor agents.

The MTRANCLS resource class can be used to request object instances.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

104

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1400

**Security Class**

OPERATE.REGION

Table 783. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 784. MTRANCLS FEEDBACK error codes

Value	Code	Description
9	MTRANCLS_NO_MON_DATA	No data for monitored resource
10	MTRANCLS_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 785. MTRANCLS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	INQ	8	DIFF	Transaction class	16
ACCEPTAFTRQD	CNUMERIC	STAT	4	AVG	Number of transactions accepted after being queued	56
ACCEPTIMMED	CNUMERIC	STAT	4	AVG	Number of transactions accepted immediately	52
ACTIVE	BINARY	INQ	4	SUM	Number of transactions currently active in class	28
ACTIVEPEAK	BINARY	STAT	4	MAX	Peak number of active transactions	68
ATTACHES	CNUMERIC	STAT	4	AVG	Total number of attach requests	40
CURQUEDTIME	INTTSTP	STAT	8	AVG	Total time current transactions on queue	96
INSTALLDEFS	CNUMERIC	STAT	4	AVG	Number of transaction definitions installed	64
MAXACTIVE	BINARY	INQ	4	MAX	Maximum number of transactions allowed in class	24
PURGEIMMED	CNUMERIC	STAT	4	AVG	Number of transactions purged due to threshold	44
PURGETHRESH	CNUMERIC	INQ	4	AVG	Purge threshold	36
PURGEWHILEQD	CNUMERIC	STAT	4	AVG	Number of transactions purged while queued	60
PURGTHRTIMES	CNUMERIC	STAT	4	AVG	Number of times purge threshold met	80
QUEUED	CNUMERIC	INQ	4	AVG	Number of transactions currently queued	32
QUEUEDPEAK	CNUMERIC	STAT	4	AVG	Peak number of queued transactions	72
QUEUETIME	INTTSTP	STAT	8	AVG	Total time transactions queued	88
TIMESATMAX	BINARY	STAT	4	MAX	Times maximum active transactions reached	76
TOTQUEDCNT	CNUMERIC	STAT	4	AVG	Total number of transactions queued	48



# Chapter 332. MTSQGBL Resource Table

A CICS Monitored resource that describes a subset of the temporary storage queue attributes sampled by the CICSplex SM MAS Monitor agents.

The MTSQGBL resource class does not provide an explicit key attribute. The set of object instances returned is a function of the current scope in effect when the request is made.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

248

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1388

**Security Class**

OPERATE.REGION

Table 786. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 787. MTSQGBL FEEDBACK error codes

Value	Code	Description
9	MTSQGBL_NO_MON_DATA	No data for monitored resource
10	MTSQGBL_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 788. MTSQGBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
AUXFULL	BINARY	STAT	4	AVG	Times auxiliary storage exhausted	108
BUFFERS	BINARY	STAT	4	AVG	Number of temporary storage buffers	120
BUFFWAITS	BINARY	STAT	4	AVG	Count of buffer waits	128
BUFREADS	BINARY	STAT	4	AVG	Buffer reads	144
BUFWRITES	BINARY	STAT	4	AVG	Buffer writes	136
BYTESPERCI	BINARY	STAT	4	AVG	Available bytes per control interval	216
BYTESPERSEG	BINARY	STAT	4	AVG	Bytes per segment	224
CINUM	BINARY	STAT	4	AVG	Number of control intervals in data set	100
CISINUSE	BINARY	STAT	4	AVG	Number of control intervals in use	204
CISIZE	BINARY	STAT	4	AVG	Control interval size	92
COMPRESSIONS	BINARY	STAT	4	AVG	Number of temporary storage compressions	200
CURAGETQRATE	RATE	CPSM	4	AVG	GetQ auxiliary rate current sample	68
CURAPUTQRATE	RATE	CPSM	4	AVG	PutQ auxiliary rate current sample	60
CURBHITRATE	RATE	CPSM	4	AVG	Buffer read hit rate for current sample	148
CURFULLPER	PERCENT	CPSM	4	AVG	Auxiliary storage % full for current sample	112
CURMGETQRATE	RATE	CPSM	4	AVG	GetQ main rate current sample	40
CURMPUTQRATE	RATE	CPSM	4	AVG	PutQ main rate current sample	32
CURREADRATE	RATE	CPSM	4	AVG	Read rate for current sample	164
CURRUWBFR	BINARY	STAT	4	AVG	Current users waiting on buffer	188
CURRUWSTR	BINARY	STAT	4	AVG	Current users waiting on string	184
CURWRITRATE	RATE	CPSM	4	AVG	Write rate for current sample	156
ENTLGQUE	BINARY	STAT	4	AVG	Entries in longest queue	80
EXTTHRESHOLD	BINARY	STAT	4	AVG	Queue extension threshold	228
FMTWRT	BINARY	STAT	4	AVG	Number of format writes	172
GETQAU	BINARY	STAT	4	AVG	Get/GetQ auxiliary	56
GETQMAIN	BINARY	STAT	4	AVG	Get/Getq main	28
INTAGETQRATE	RATE	CPSM	4	AVG	GetQ auxiliary rate for interval	72
INTAPUTQRATE	RATE	CPSM	4	AVG	PutQ auxiliary rate for interval	64
INTBHITRATE	RATE	CPSM	4	AVG	Buffer read hit rate for interval	152
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval identifier	16
INTFULLPER	PERCENT	CPSM	4	AVG	Auxiliary storage % full for interval	116
INTMGETQRATE	RATE	CPSM	4	AVG	GetQ main rate for interval	44
INTMPUTQRATE	RATE	CPSM	4	AVG	PutQ main rate for interval	36
INTREADRATE	RATE	CPSM	4	AVG	Read rate for interval	168
INTWRITRATE	RATE	CPSM	4	AVG	Write rate for interval	160
IOERRS	BINARY	STAT	4	AVG	Number of I/O errors on DSN	192
LONGAUXREC	BINARY	STAT	4	AVG	Longest auxiliary record length	212
NAMESINUSE	BINARY	STAT	4	AVG	Number of temporary storage names in use	208

Table 788. MTSQGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
PEAKCIUSE	BINARY	STAT	4	AVG	Peak CIs used	104
PEAKQUES	BINARY	STAT	4	AVG	Peak queue names in use	76
PEAKSTG	BINARY	STAT	4	AVG	Peak storage	48
PEAKUSDSTR	BINARY	STAT	4	AVG	Peak strings in use	176
PEAKUWBUF	BINARY	STAT	4	AVG	Peak users waiting on buffers	132
PEAKUWSTR	BINARY	STAT	4	AVG	Peak users waiting on strings	180
PUTQAUX	BINARY	STAT	4	AVG	Put/PutQ auxiliary	52
PUTQMAIN	BINARY	STAT	4	AVG	Put/PutQ main	24
QUECRECNT	BINARY	STAT	4	AVG	Times queues created	84
QUEXTENDS	BINARY	STAT	4	AVG	Queue extensions created	88
SEGSPERCI	BINARY	STAT	4	AVG	Segments per control interval	220
SHRDPOLCONN	CNUMERIC	STAT	4	AVG	Number of shared pools that CICS is connected to	236
SHRDPOLDEF	CNUMERIC	STAT	4	AVG	Shared pools defined	232
SHRDREADREQ	CNUMERIC	STAT	4	AVG	Shared read requests	240
SHRDWRITEREQ	CNUMERIC	STAT	4	AVG	Shared write requests	244
STRINGS	BINARY	STAT	4	AVG	Number of temporary storage strings	124
STRINGWAIT	BINARY	STAT	4	AVG	Number of string waits	196
WRTFRECVR	BINARY	STAT	4	AVG	Buffer writes forced for recovery	140
WRTGTCISZ	BINARY	STAT	4	AVG	Writes greater than CISIZE	96



## Chapter 333. MVSESTG Resource Table

A CICS Resource that describes an MVS storage element for a TCB in the CICS address space.

The **Primary** key field for this resource class is TCBADDRESS.

The **Secondary** key field for this resource class is ELEMENTADDR.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSMVStorageArea

### Object type

CICS Resource

### Length

40

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0141

### CICS Commands subject to CICS Security

INQUIRE MVSTCB

Table 789. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 790. MVSESTG resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		12
TCBADDRESS-1	HEX	INQ			4	MAX	Address of MVS TCB		16
ELEMENTADDR-2	HEX	INQ			4	MAX	Storage element address		20
ELEMENTLEN	BINARY	INQ			4	SUM	Element length		24
INUSELENGTH	BINARY	INQ			4	AVG	Element length in use	E640	36
STORAGEKEY	BINARY	INQ			4	AVG	Storage key	E640	32
SUBPOOLNUM	BINARY	INQ			4	AVG	Subpool number		28



## Chapter 334. MVSTCBGL Resource Table

A CICS Resource that provides information about all the MVS TCBs in the CICS address space.

The MVSTCBGL resource does not provide an explicit key attribute. The set of object instances returned is a function of the scope in effect when the request is made.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSGlobalMVSTCBStatistics

**Object type**

CICS Resource

**Length**

72

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0143

**CICS Commands subject to CICS Security**

INQUIRE MVSTCB

Table 791. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 792. MVSTCBGL resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
CICSTBCCOUNT	BINARY	STAT	DFHDSTDS	DSTDS_CICSTCB_COUNT	4	SUM	Current CICS TCBs	16
CICSTCBSTGA	BINARY	STAT	DFHDSTDS	DSTDS_CICSTCB_STG_ABOVE	4	SUM	Storage above 16M for CICS TCBs	48
CICSTCBSTGAI	BINARY	STAT			4	SUM	Storage in use above 16M	60
CICSTCBSTGB	BINARY	STAT	DFHDSTDS	DSTDS_CICSTCB_STG_BELOW	4	SUM	Storage below 16M for CICS TCBs	40
CICSTCBSTGBI	BINARY	STAT			4	SUM	Storage below 16M in use by CICS TCBs	56

Table 792. MVSTCBGL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
CICSTCBTIME	INTTSTP	STAT	DFHDSTDS	DSTDS_CICSTCB_CPU TIME	8	SUM	CPU time used by current attached CICS TCBs	24
NCICSTCBGAI	BINARY	STAT			4	SUM	Storage above 16M in use by non-CICS TCBs	68
NCICSTCBGBI	BINARY	STAT			4	SUM	Storage in use below 16M	64
NCICSTCBSTGA	BINARY	STAT	DFHDSTDS	DSTDS_NONCICS TCB_STG_ABOVE	4	SUM	Storage above 16M for non- CICS TCBs	52
NCICSTCBSTGB	BINARY	STAT	DFHDSTDS	DSTDS_NONCICS TCB_STG_BELOW	4	SUM	Storage below 16M for non- CICS TCBs	44
NCICSTCBTIME	INTTSTP	STAT	DFHDSTDS	DSTDS_NONCICS TCB_CPU TIME	8	SUM	CPU time used by current attached non-CICS TCBs	32
NONCICSTCBCT	BINARY	STAT	DFHDSTDS	DSTDS_NONCICS TCB_COUNT	4	SUM	Current non-CICS TCBs	20



## Chapter 335. MVSTCB Resource Table

A CICS Resource that describes an MVS TCB in the CICS address space.

The **Primary** key field for this resource class is TCBADDRESS.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSMVSTCB

### Object type

CICS Resource

### Length

72

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0142

### CICS Commands subject to CICS Security

INQUIRE MVSTCB

Table 793. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 794. MVSTCB resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
TCBADDRESS-1	HEX	STAT	DFHDSRDS	DSRDS_TCB_ADDRESS	4	MAX	TCB address	16
TCBCICSTASK	DECIMAL	STAT	DFHDSRDS	DSRDS_TCB_CICS_TASK	4	MAX	CICS task number	56
TCBCPUTIME	INTTSTP	STAT	DFHDSRDS	DSRDS_TCB_CPU_TIME	8	MAX	CPU time used by the TCB	32
TCBDAUGHTER	HEX	STAT	DFHDSRDS	DSRDS_TCB_DAUGHTER	4	MAX	Daughter TCB	52
TCBMOTHER	HEX	STAT	DFHDSRDS	DSRDS_TCB_MOTHER	4	MAX	Mother TCB	44

Table 794. MVSTCB resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
TCBNAME	CHAR	STAT	DFHDSRDS	DSRDS_TCB_NAME	8	DIFF	TCB name	20
TCBSISTER	HEX	STAT	DFHDSRDS	DSRDS_TCB_SISTER	4	MAX	Sister TCB	48
TCBSTGABOVE	BINARY	STAT	DFHDSRDS	DSRDS_TCB_STG_ABOVE	4	SUM	Private storage allocated above 16M	40
TCBSTGAINUSE	BINARY	STAT			4	SUM	Private storage in use above 16M	68
TCBSTGBELOW	BINARY	STAT	DFHDSRDS	DSRDS_TCB_STG_BELOW	4	SUM	Private storage allocated below 16M	28
TCBSTGBINUSE	BINARY	STAT			4	SUM	Private storage in use below 16M	64
TCBTYPE	CVDAS	STAT			4	LIKE	TCB type	60
TCBTYPE Output valid values	<ul style="list-style-type: none"> <li>• CICS</li> <li>• NONCICS</li> </ul>							

# Chapter 336. MVSWLM Resource Table

A CICS Resource that provides the z/OS Workload Manager (WLM) information in an active system being managed by CICSplex SM.

The MVSWLM resource class does not provide an explicit key attribute. The set of object instances returned is a function of the scope in effect when the request is made.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSMVSWLM

**Object type**

CICS Resource

**Length**

128

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0126

**CICS Commands subject to CICS Security**

COLLECT STATISTICS

INQUIRE WLMHEALTH

Table 795. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	OPEN	None	N/A
	CLOSE	None	N/A
	IMMCLOSE	None	N/A

Table 796. MVSWLM FEEDBACK error codes

Value	Code	Description
21	MVSWLM_ACTNOT_SUPPORTED	Action not supported

Table 797. MVSWLM resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		12
MNGMCHTP	CHAR	STAT			4	DIFF	No	CEC machine type		80
MNGMDLID	CHAR	STAT			16	DIFF	No	CEC model number		84
MNGWLMAD	BINARY	INQ	WLMHEALTH	ADJUSTMENT	4	LIKE	Yes	Adjustment value for z/OS WLM health	E640 E650 E660 E670 E680 E690 E700	100
MNGWLMCC	EYUDA	STAT			4	LIKE	No	CPU critical		64
MNGWLMCC Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• NOTAPPLIC</li> </ul>									
MNGWLMGI	BINARY	STAT			2	SUM	No	Goal importance		72
MNGWLMGM	EYUDA	STAT			4	SUM	No	Goal management		76
MNGWLMGM Output valid values	<ul style="list-style-type: none"> <li>• TRANSACTION</li> <li>• REGION</li> <li>• BOTH</li> <li>• NOTAPPLIC</li> </ul>									
MNGWLMGT	EYUDA	STAT			4	LIKE	No	Goal type		56
MNGWLMGT Output valid values	<ul style="list-style-type: none"> <li>• VELOCITY</li> <li>• DISCRETIONRY</li> <li>• SYSTEM</li> <li>• NOTAPPLIC</li> </ul>									
MNGWLMGV	BINARY	STAT			4	SUM	No	Velocity goal value		60
MNGWLMHL	CNUMERIC	INQ	WLMHEALTH	HEALTH	4	LIKE	No	z/OS WLM health	E640 E650 E660 E670 E680 E690 E700	104
MNGWLMHT	DATETIME	INQ			8	LIKE	No	Last time z/OS WLM health was updated	E640 E650 E660 E670 E680 E690 E700	112
MNGWLMIN	BINARY	INQ	WLMHEALTH	INTERVAL	4	LIKE	Yes	Time interval (seconds) between z/OS WLM health updates	E640 E650 E660 E670 E680 E690 E700	120
MNGWLMMD	EYUDA	STAT	DFHMNGDS	MNGWLMMD	4	LIKE	No	Goal mode		16
MNGWLMMD Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									

Table 797. MVSWLM resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
MNGWLMOS	CVDAS	INQ	WLMHEALTH	OPENSTATUS	4	LIKE	Yes	z/OS WLM health open status	E640 E650 E660 E670 E680 E690 E700	124
MNGWLMOS Input/ output valid values	<ul style="list-style-type: none"> <li>• OPEN</li> <li>• CLOSED</li> <li>• IMMCLOSE</li> </ul>									
MNGWLMOS Output valid values	<ul style="list-style-type: none"> <li>• OPENING</li> <li>• CLOSING</li> <li>• IMMCLOSING</li> </ul>									
MNGWLMRC	CHAR	STAT	DFHMNGDS	MNGWLMRC	8	DIFF	No	Report class		32
MNGWLMRG	CHAR	STAT	DFHMNGDS	MNGWLMRG	8	DIFF	No	Resource group		40
MNGWLMSC	CHAR	STAT	DFHMNGDS	MNGWLMSC	8	DIFF	No	Service class		24
MNGWLMSK	EYUDA	STAT			4	LIKE	No	Storage critical		68
MNGWLMSK Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• NOTAPPLIC</li> </ul>									
MNGWLMST	EYUDA	STAT	DFHMNGDS	MNGWLMST	4	LIKE	No	WLM server		20
MNGWLMST Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
MNGWLMWN	CHAR	STAT	DFHMNGDS	MNGCECID	8	DIFF	No	Workload name		48



# Chapter 337. MXTRATDQ Resource Table

A CICS Monitored resource that describes a subset of the extrapartition transient data queue attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is TDQUEUE.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**Object type**

CICS Monitored

**Length**

48

**Usage**

API, WUI, EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt1384

**Security Class**

OPERATE.TDQUEUE

Table 798. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 799. MXTRATDQ FEEDBACK error codes

Value	Code	Description
9	MXTRATDQ_NO_MON_DATA	No data for monitored resource
10	MXTRATDQ_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 800. MXTRATDQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
<b>TDQUEUE-1</b>	CHAR	INQ	4	DIFF	Queue identifier	24
CUROUTQRATE	RATE	CPSM	4	AVG	Output rate for current sample	40
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	28
ENABLESTATUS Output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>					
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval identifier	16
INTOUTQRATE	RATE	CPSM	4	AVG	Output rate for interval	44
OPENSTATUS	CVDAS	INQ	4	LIKE	Open status	32
OPENSTATUS Output valid values	<ul style="list-style-type: none"> <li>• OPEN</li> <li>• CLOSED</li> <li>• OPENING</li> <li>• CLOSING</li> <li>• SWITCHING</li> </ul>					
OUTCNT	BINARY	STAT	4	AVG	Number of READ and WRITE requests	36



## Chapter 338. NODEJSAP Resource Table

A CPSM resource that provides information about Node.js applications.

The **Primary** key field for this resource class is NODEJSAP.

The following actions are supported:

### INQUIRE

Retrieve information about a NODEJSAPP resource.

### External resource name(CMCI)

CICSNodeJSApp

### Object type

CICS Resource

### Length

1984

### Usage

API, CICS Management Client Interface(CMCI)

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0222

### CICS Commands subject to CICS Security

INQUIRE NODEJSAPP

Table 801. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 802. NODEJSAP resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Description	Default	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		12
NAME-1	CHAR	INQ	NODEJSAPP	NODEJSAPP	32	DIFF	Name		16
BASDEFINEVER	BINARY	CPSM			1	AVG	BAS resource definition version	0	120
BUNDLE	CHAR	INQ	NODEJSAPP	BUNDLE	8	DIFF	Bundle name		52
CHANGEAGENT	CVDAS	INQ	NODEJSAPP	CHANGEAGENT	4	LIKE	Last modification agent		60

Table 802. NODEJSAP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Offset
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>								
CHANGEAGREL	CHAR	INQ	NODEJSAPP	CHANGEAGREL	4	DIFF	Last modification agent release		64
CHANGETIME	DATETIME	INQ	NODEJSAPP	CHANGETIME	8	MAX	Last modification time		104
CHANGEUSRID	CHAR	INQ	NODEJSAPP	CHANGEUSRID	8	DIFF	Last modification user ID		68
CPUTOTAL	BINARY	STAT	DFHSJNDS	SJN_NODEJSAPP_CPU	8	AVG	Node.js Application total processor time		1666
DEFINESOURCE	CHAR	INQ	NODEJSAPP	DEFINESOURCE	8	DIFF	Source of the resource definition		76
DEFINETIME	DATETIME	INQ	NODEJSAPP	DEFINETIME	8	MAX	Creation time		96
ENABLESTATUS	CVDAS	CPSM	NODEJSAPP	ENABLESTATUS	4	LIKE	Enabled status		48
ENABLESTATUS Input/ output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> <li>• FAILED</li> </ul>								
ENABLESTATUS Output valid values	<ul style="list-style-type: none"> <li>• ENABLING</li> <li>• DISABLING</li> </ul>								
HEAPAPPD	BINARY	STAT	DFHSJNDS	SJN_NODEJSAPP_HEAP_APP_DATA	8	AVG	Heap used on data		1690
HEAPCUR	BINARY	STAT	DFHSJNDS	SJN_NODEJSAPP_HEAP_CURRENT	8	AVG	Current heap size		1674
HEAPMAX	BINARY	STAT	DFHSJNDS	SJN_NODEJSAPP_HEAP_MAX	8	AVG	Maximum heap size		1698
HEAPRUNT	BINARY	STAT	DFHSJNDS	SJN_NODEJSAPP_HEAP_RUNTIME	8	AVG	Heap used by runtime		1682
INSTALLAGENT	CVDAS	INQ	NODEJSAPP	INSTALLAGENT	4	LIKE	Installation agent		84
INSTALLAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• BUNDLE</li> </ul>								
INSTALLTIME	DATETIME	INQ			8	MAX	Installation time		112
INSTALLUSRID	CHAR	INQ	NODEJSAPP	INSTALLUSRID	8	DIFF	Installation user ID		88
INVKCOMP	BINARY	STAT	DFHSJNDS	SJN_NODEJSAPP_INVK	4	AVG	Completed invokes		1964
INVKCUR	BINARY	STAT	DFHSJNDS	SJN_NODEJSAPP_INVK_CUR	4	AVG	Invokes in progress		1972
INVKERR	BINARY	STAT	DFHSJNDS	SJN_NODEJSAPP_INVK_ERR	4	AVG	Completed invokes in error		1968
INVKPEAK	BINARY	STAT	DFHSJNDS	SJN_NODEJSAPP_INVK_PEAK	4	AVG	Peak invokes		1976
LERUNOPTS	CHAR	INQ	NODEJSAPP	LERUNOPTS	8	DIFF	LE runtime options program		121
LOG	CHAR	INQ	NODEJSAPP	LOG	255	DIFF	Node.js LOG file		1706
NODEHOME	CHAR	INQ	NODEJSAPP	NODEHOME	255	DIFF	Node.js installation home directory		1411

Table 802. NODEJSAP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Offset
PID	BINARY	INQ	NODEJSAPP	PID	4	MIN	Node.js Application process ID number		132
PROFILE	CHAR	INQ	NODEJSAPP	PROFILE	255	DIFF	Node.js Profile file		136
STARTSCRIPT	CHAR	INQ	NODEJSAPP	STARTSCRIPT	255	DIFF	Node.js starting script		391
STDERR	CHAR	INQ	NODEJSAPP	STDERR	255	DIFF	Node.js STDERR file		901
STDOUT	CHAR	INQ	NODEJSAPP	STDOUT	255	DIFF	Node.js STDOUT file		646
TRACE	CHAR	INQ	NODEJSAPP	TRACE	255	DIFF	Node.js TRACE file		1156



## Chapter 339. OBJACT Resource Table

A CPSM MetaData resource that describes the existence of an object specific action for a CICSplex SM managed object

The **Primary** key field for this resource class is OBJECT.

The **Secondary** key field for this resource class is TABLEVER.

The **Tertiary** key field for this resource class is ACTION.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Metadata

### Length

96

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2579

Table 803. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 804. OBJACT resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
OBJECT-1	CHAR	CPSM	8	DIFF	Object name	0
TABLEVER-2	BINARY	CPSM	2	AVG	Object table version	8
ACTION-3	CHAR	CPSM	12	DIFF	Action name	10
APIPERFORM	CHAR	CPSM	1	LIKE	Valid for EXEC CPSM PERFORM	88
APIPERFORM Input/output valid values	<ul style="list-style-type: none"><li>Y (YES) - Valid for PERFORM</li><li>N (NO) - Not valid for PERFORM</li></ul>					
DESCRIPTION	CHAR	CPSM	50	DIFF	Description	28
ID	BINARY	CPSM	4	AVG	Action number	80
PARMCOUNT	BINARY	CPSM	4	AVG	Parameter count	84
VALCICES2	BIT	CPSM	1	LIKE	Not valid in CICS/ESA byte 2	26

Table 804. OBJACT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
VALCICSES2 Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (E630) - CICS for MVS/ESA 630</li> <li>• 64 (E640) - CICS for MVS/ESA 640</li> <li>• 32 (E650) - CICS for MVS/ESA 650</li> <li>• 16 (E660) - CICS for MVS/ESA 660</li> <li>• 8 (E670) - CICS for MVS/ESA 670</li> <li>• 4 (E680) - CICS for MVS/ESA 680</li> <li>• 2 (E690) - CICS for MVS/ESA 690</li> <li>• 1 (E700) - CICS for MVS/ESA 700</li> </ul>					
VALCICSES3	BIT	CPSM	1	LIKE	Not valid in CICS/ESA byte 3	27
VALCICSES3 Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (E710) - CICS for MVS/ESA 710</li> <li>• 64 (E720) - CICS for MVS/ESA 720</li> <li>• 32 (E730) - CICS for MVS/ESA 730</li> </ul>					
VALCICSESA	BIT	CPSM	1	LIKE	Not valid in CICS/ESA	22
VALCICSESA Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (M212) - CICS/MVS 212</li> <li>• 64 (E330) - CICS/ESA 330</li> <li>• 32 (E410) - CICS/ESA 410</li> <li>• 16 (E510) - CICS for MVS/ESA 510</li> <li>• 8 (E520) - CICS for MVS/ESA 520</li> <li>• 4 (E530) - CICS for MVS/ESA 530</li> <li>• 2 (E610) - CICS for MVS/ESA 610</li> <li>• 1 (E620) - CICS for MVS/ESA 620</li> </ul>					
VALCICSOS2	BIT	CPSM	1	LIKE	Not valid in CICS OS/2	24
VALCICSOS2 Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (O201) - CICS OS/2 201</li> <li>• 64 (O300) - CICS OS/2 300</li> <li>• 32 (O311) - CICS OS/2 310</li> </ul>					
VALCICSVSE	BIT	CPSM	1	LIKE	Not valid in CICS/VSE	23
VALCICSVSE Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (V220) - CICS/VSE 220</li> <li>• 64 (V230) - CICS/VSE 230</li> <li>• 32 (V410) - CICS/VSE 410</li> </ul>					
VALCICSWNT	BIT	CPSM	1	LIKE	Not valid in CICS for Windows	25
VALCICSWNT Input/output valid values	<ul style="list-style-type: none"> <li>• 128 (N430) - CICS for Windows 430</li> <li>• 64 (N500) - CICS for Windows 500</li> </ul>					

## Chapter 340. OBJECT Resource Table

A CPSM MetaData resource that describes the characteristics of a CICSplex SM managed object.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Metadata

### Length

160

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2578

Table 805. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 806. OBJECT resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
NAME-1	CHAR	CPSM	8	DIFF	Object name	0
APIPREFIX	CHAR	CPSM	1	LIKE	Requires API prefix	100
APIPREFIX Input/output valid values	<ul style="list-style-type: none"> <li>Y (YES) - Required</li> <li>N (NO) - Not required</li> </ul>					
CMASCONTEXT	CHAR	CPSM	1	DIFF	Context is CMAS	99
CMASCONTEXT Input/output valid values	<ul style="list-style-type: none"> <li>Y (YES) - CMAS required</li> <li>N (NO) - CMAS not required</li> </ul>					
CREATEREL	CHAR	CPSM	4	DIFF	CPSM release object created	17
CURACTVAL	CHAR	CPSM	1	DIFF	Actions defined	43
CURACTVAL Input/output valid values	<ul style="list-style-type: none"> <li>Y (YES) - Actions defined</li> <li>N (NO) - No actions</li> </ul>					
CURCPSMREL	CHAR	CPSM	4	DIFF	CPSM release version created	32
CURCREVAL	CHAR	CPSM	1	DIFF	Create valid	40
CURCREVAL Input/output valid values	<ul style="list-style-type: none"> <li>Y (YES) - Valid</li> <li>N (NO) - Not valid</li> </ul>					

Table 806. OBJECT resource table attributes (continued)						
Name	Datatype	Source	Len	Sum	Description	Offset
CURDESC	CHAR	CPSM	50	DIFF	Table description	48
CURGETVAL	CHAR	CPSM	1	DIFF	Get valid	38
CURGETVAL Input/output valid values	<ul style="list-style-type: none"> <li>Y (YES) - Valid</li> <li>N (NO) - Not valid</li> </ul>					
CURNUMATTR	BINARY	CPSM	2	AVG	Current number attributes	28
CURREMVAL	CHAR	CPSM	1	DIFF	Remove valid	42
CURREMVAL Input/output valid values	<ul style="list-style-type: none"> <li>Y (YES) - Valid</li> <li>N (NO) - Not valid</li> </ul>					
CURSETVAL	CHAR	CPSM	1	DIFF	Set valid	39
CURSETVAL Input/output valid values	<ul style="list-style-type: none"> <li>Y (YES) - Valid</li> <li>N (NO) - Not valid</li> </ul>					
CURSTGSIZE	BINARY	CPSM	2	AVG	Current table storage size	30
CURTBLVER	BINARY	CPSM	2	AVG	Current table version	26
CURUPDVAL	CHAR	CPSM	1	DIFF	Update valid	41
CURUPDVAL Input/output valid values	<ul style="list-style-type: none"> <li>Y (YES) - Valid</li> <li>N (NO) - Not valid</li> </ul>					
CURVALES2	BIT	CPSM	1	LIKE	Not valid in CICS Transaction Server for z/OS byte 2	103
CURVALES2 Input/output valid values	<ul style="list-style-type: none"> <li>128 (E630) - CICS Transaction Server for z/OS, Version 2 Release 3</li> <li>64 (E640) - CICS Transaction Server for z/OS, Version 3 Release 1</li> <li>32 (E650) - CICS Transaction Server for z/OS, Version 3 Release 2</li> <li>16 (E660) - CICS Transaction Server for z/OS, Version 4 Release 1</li> <li>8 (E670) - CICS Transaction Server for z/OS, Version 4 Release 2</li> <li>4 (E680) - CICS Transaction Server for z/OS, Version 5 Release 1</li> <li>2 (E690) - CICS Transaction Server for z/OS, Version 5 Release 2</li> <li>1 (E700) - CICS Transaction Server for z/OS, Version 5 Release 3</li> </ul>					
CURVALES3	BIT	CPSM	1	LIKE	Not valid in CICS Transaction Server for z/OS byte 3	157
CURVALES3 Input/output valid values	<ul style="list-style-type: none"> <li>128 (E710) - CICS Transaction Server for z/OS, Version 5 Release 4</li> <li>64 (E720) - CICS Transaction Server for z/OS, Version 5 Release 5</li> <li>32 (E730) - CICS Transaction Server for z/OS, Version 5 Release 6</li> </ul>					
CURVALESA	BIT	CPSM	1	LIKE	Not valid in CICS/ESA	44
CURVALESA Input/output valid values	<ul style="list-style-type: none"> <li>128 (M212) - CICS/MVS 212</li> <li>64 (E330) - CICS/ESA 330</li> <li>32 (E410) - CICS/ESA 410</li> <li>16 (E510) - CICS Transaction Server for OS/390, Release 1</li> <li>8 (E520) - CICS Transaction Server for OS/390, Release 2</li> <li>4 (E530) - CICS Transaction Server for OS/390, Release 3</li> <li>2 (E610) - CICS Transaction Server for z/OS, Version 2 Release 1</li> <li>1 (E620) - CICS Transaction Server for z/OS, Version 2 Release 2</li> </ul>					
CURVALOS2	BIT	CPSM	1	LIKE	Not valid in CICS OS/2	46
CURVALOS2 Input/output valid values	<ul style="list-style-type: none"> <li>128 (O201) - CICS OS/2 201</li> <li>64 (O300) - CICS OS/2 300</li> <li>32 (O311) - CICS OS/2 310</li> </ul>					
CURVALRTA	CHAR	CPSM	1	DIFF	Valid for real time analysis	36
CURVALRTA Input/output valid values	<ul style="list-style-type: none"> <li>Y (YES) - Valid</li> <li>N (NO) - Not valid</li> </ul>					



Table 806. OBJECT resource table attributes (continued)						
Name	Datatype	Source	Len	Sum	Description	Offset
CURVALUTL	CHAR	CPSM	1	DIFF	Valid for batch	37
CURVALUTL Input/output valid values	<ul style="list-style-type: none"> <li>Y (YES) - Valid</li> <li>N (NO) - Not valid</li> </ul>					
CURVALVSE	BIT	CPSM	1	LIKE	Not valid in CICS/VSE	45
CURVALVSE Input/output valid values	<ul style="list-style-type: none"> <li>128 (V220) - CICS/VSE 220</li> <li>64 (V230) - CICS/VSE 230</li> <li>32 (V410) - CICS/VSE 410</li> </ul>					
CURVALWNT	BIT	CPSM	1	LIKE	Not valid in CICS for Windows	47
CURVALWNT Input/output valid values	<ul style="list-style-type: none"> <li>128 (N430) - CICS for Windows 430</li> <li>64 (N500) - CICS for Windows 500</li> </ul>					
CURVALWUI	CHAR	CPSM	1	LIKE	Valid as WUI view object	156
CURVALWUI Input/output valid values	<ul style="list-style-type: none"> <li>Y (YES) - Valid</li> <li>N (NO) - Not valid</li> </ul>					
HIGHTBLVER	BINARY	CPSM	2	AVG	Highest known table version	10
ID	RESTYPE	CPSM	2	LIKE	Object resource type	104
MODELNAME	CHAR	CPSM	50	DIFF	Model name	106
NUMTBLVER	BINARY	CPSM	2	AVG	Number of table elements known	8
OBJTYPE	CHAR	CPSM	1	DIFF	Object class type	25
OBJTYPE Input/output valid values	<ul style="list-style-type: none"> <li>C (CICSRES) - CICS Resource</li> <li>M (MONCRES) - Monitored CICS Resource</li> <li>D (CPSMDEF) - CPSM Definition</li> <li>V (CPSMRES) - CPSM Resource</li> <li>O (METADEF) - CPSM Metadata</li> <li>N (CPSMNTF) - CPSM Notification</li> <li>R (CICSDEF) - CICS Resource Definition</li> <li>L (CPSMCFG) - CPSM Configuration Definition</li> </ul>					
OWNERNAME	CHAR	CPSM	3	DIFF	Owning major object name	14
QUERYREL	CHAR	CPSM	4	DIFF	CPSM release of querying CMAS	21
RELTBLVER	BINARY	CPSM	2	AVG	Table version at this CPSM release	12
SCOPEREQ	CHAR	CPSM	1	LIKE	Scope required	102
SCOPEREQ Input/output valid values	<ul style="list-style-type: none"> <li>Y (YES) - Scope required</li> <li>N (NO) - Scope not required</li> </ul>					
SCOPE SORT	CHAR	CPSM	1	LIKE	Sort by scope	101
SCOPE SORT Input/output valid values	<ul style="list-style-type: none"> <li>Y (YES) - Sort by scope</li> <li>N (NO) - No scope sort</li> </ul>					
VIEWMOD	CHAR	CPSM	1	DIFF	Eligible for SPECIFY VIEW command	98
VIEWMOD Input/output valid values	<ul style="list-style-type: none"> <li>Y (YES) - Valid</li> <li>N (NO) - Not valid</li> </ul>					



## Chapter 341. OBJSTAT Resource Table

A CPSM MetaData resource that describes control status information about a resource table instance contained in a result set.

The **Primary** key field for this resource class is RECORDNUM.

There are no object specific actions for this resource class.

OBJSTAT does not participate in summary operations.

### Object type

CICSplex SM Metadata

### Length

256

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt2594

Table 807. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 808. OBJSTAT resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
<b>RECORDNUM-1</b>	BINARY	CPSM	4	LIKE	Record number	0
CICSNAME	CHAR	CPSM	8	LIKE	CICS system name	12
CICSREL	CHAR	CPSM	4	LIKE	CICS release number	20
CNTRECORDS	BINARY	CPSM	4	LIKE	Detail record count for summary	36
CONTEXT	CHAR	CPSM	8	LIKE	Context	4
KEYDATA	CHAR	CPSM	44	LIKE	Native key	42
KEYLEN	BINARY	CPSM	2	LIKE	Length of key data	40
LASTOPER	BINARY	CPSM	1	LIKE	Last operation type	34

Table 808. OBJSTAT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
LASTOPER Input/output valid values	<ul style="list-style-type: none"> <li>1 (COPY) - Copy operation</li> <li>2 (DELETE) - Delete operation</li> <li>3 (GET) - Get operation</li> <li>4 (MARK) - Mark operation</li> <li>5 (REFRESH) - Refresh operation</li> <li>6 (PERFOBJ) - Perform Object operation</li> <li>7 (PERFSET) - Perform Set operation</li> <li>8 (SET) - Set operation</li> <li>9 (UNMARK) - Unmark operation</li> </ul>					
OBJECT	CHAR	CPSM	8	LIKE	Object name	24
OBJTYPE	BINARY	CPSM	1	LIKE	Object type	32
OBJTYPE Input/output valid values	<ul style="list-style-type: none"> <li>1 (RESOURCE) - CPSM Resource</li> <li>2 (VIEW) - Logical View</li> </ul>					
RECTYPE	BINARY	CPSM	1	LIKE	Record type	33
RECTYPE Input/output valid values	<ul style="list-style-type: none"> <li>1 (DETAIL) - Detail data</li> <li>2 (SUMMARY) - Summarized data</li> </ul>					
RESERVE1	CHAR	CPSM	170	LIKE	Reserved	86
STATUS	BIT	CPSM	1	LIKE	Record status	35
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>128 (MARKED) - Record marked</li> <li>1 (OPERERR) - Operation error</li> </ul>					

## Chapter 342. OSGIBUND Resource Table

A CICS resource that provides information about OSGi bundles.

The **Primary** key field for this resource class is OSGIBUND.

The **Secondary** key field for this resource class is JVMSERVER.

The **Tertiary** key field for this resource class is OSGIVERSION.

The following actions are supported:

### INQUIRE

Retrieve information about an OSGi bundle that is installed in a JVM server.

### External resource name(CMCI)

CICSOSGiBundle

### Object type

CICS Resource

### Length

872

### Usage

API, WUI, CICS Management Client Interface(CMCI)

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0208

### CICS Commands subject to CICS Security

INQUIRE OSGIBUNDLE

Table 809. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 810. OSGIBUND resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>OSGIBUND-1</b>	CHAR	INQ	OSGIBUNDLE	OSGIBUNDLE	255	DIFF	OSGi bundle name	16
<b>JVMSERVER-2</b>	CHAR	CPSM	OSGIBUNDLE	JVMSERVER	8	DIFF	JVM server	599
<b>OSGIVERSION-3</b>	CHAR	INQ	OSGIBUNDLE	OSGIVERSION	255	DIFF	Version of the OSGi bundle	615
BUNDLE	CHAR	INQ	OSGIBUNDLE	BUNDLE	8	DIFF	CICS BUNDLE name	607

Table 810. OSGIBUND resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
BUNDLEPART	CHAR	INQ	OSGIBUNDLE	BUNDLEPART	255	DIFF	CICS BUNDLE bundlepart	344
CHANGEAGENT	CVDAS	INQ	OSGIBUNDLE	CHANGEAGENT	4	LIKE	Last modification agent	272
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>							
CHANGEAGREL	CHAR	INQ	OSGIBUNDLE	CHANGEAGREL	4	DIFF	Last modification agent release	276
CHANGETIME	DATETIME	INQ	OSGIBUNDLE	CHANGETIME	8	MAX	Last modification time	320
CHANGEUSRID	CHAR	INQ	OSGIBUNDLE	CHANGEUSRID	8	DIFF	Last modification user ID	280
DEFINESOURCE	CHAR	INQ	OSGIBUNDLE	DEFINESOURCE	8	DIFF	Source of the resource definition	288
DEFINETIME	DATETIME	INQ	OSGIBUNDLE	DEFINETIME	8	MAX	Creation time	312
INSTALLAGENT	CVDAS	INQ	OSGIBUNDLE	INSTALLAGENT	4	LIKE	Installation agent	296
INSTALLAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• BUNDLE</li> </ul>							
INSTALLTIME	DATETIME	INQ	OSGIBUNDLE	INSTALLTIME	8	MAX	Installation time	328
INSTALLUSRID	CHAR	INQ			8	DIFF	Installation user ID	300
OSGIBUNDLEID	BINARY	INQ	OSGIBUNDLE	OSGIBUNDLEID	8	DIFF	OSGi bundle ID	336
OSGISTATUS	CVDAS	INQ	OSGIBUNDLE	OSGISTATUS	4	LIKE	Status	308
OSGISTATUS Output valid values	<ul style="list-style-type: none"> <li>• UNINSTALLED</li> <li>• INSTALLED</li> <li>• RESOLVED</li> <li>• STARTING</li> <li>• STOPPING</li> <li>• ACTIVE</li> </ul>							

## Chapter 343. OSGISERV Resource Table

A CICS resource that provides information about OSGi services.

The **Primary** key field for this resource class is OSGISERVICE.

The **Secondary** key field for this resource class is JVMSERVER.

The following actions are supported:

### INQUIRE

Retrieve information about an OSGi service that is registered in a JVM server.

### External resource name(CMCI)

CICSOSGiService

### Object type

CICS Resource

### Length

1064

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0209

### CICS Commands subject to CICS Security

INQUIRE OSGISERVICE

Table 811. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 812. OSGISERV resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>OSGISERVICE-1</b>	BINARY	INQ	OSGISERVICE	OSGISERVICE	8	DIFF	OSGi service ID	16
<b>JVMSERVER-2</b>	CHAR	CPSM	OSGISERVICE	JVMSERVER	8	AVG	JVM server	28
BUNDLE	CHAR	INQ	OSGISERVICE	BUNDLE	8	SUM	CICS BUNDLE name	36
BUNDLEPART	CHAR	INQ	OSGISERVICE	BUNDLEPART	255	DIFF	CICS BUNDLEPART name	44

Table 812. OSGISERV resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
OSGIBUNDLE	CHAR	INQ			255	DIFF	Symbolic name of the OSGi bundle	554
OSGIVERSION	CHAR	INQ	OSGISERVICE	OSGIVERSION	255	DIFF	Version of the OSGi bundle	299
SRVCNAME	CHAR	INQ	OSGISERVICE	SRVCNAME	255	DIFF	Name of the OSGi service	809
SRVCSTATUS	CVDAS	INQ	OSGISERVICE	SRVCSTATUS	4	LIKE	Service status	24
SRVCSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ACTIVE</li> <li>• INACTIVE</li> </ul>							



# Chapter 344. PARINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a partner definition (PARTDEF) in a resource group (RESGROUP). A PARTDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is PARTGROUP.

The **Secondary** key field for this resource class is PARTNAME.

The **Tertiary** key field for this resource class is PARTVER.

There are no object specific actions for this resource class.

**Object type**

CICSplex SM Definition

**Length**

56

**Usage**

API, Batch Utility, WUI

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt6151

**Security Class**

BAS.DEF

Table 813. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 814. PARINGRP FEEDBACK error codes		
Value	Code	Description
1	PARINGRP_INV_DATA	Attribute data invalid
2	PARINGRP_REC_NOT_FOUND	Requested resource not found
4	PARINGRP_REC_EXISTS	Resource already exists
6	PARINGRP_INV_RESTYPE	Invalid resource type
7	PARINGRP_INV_VER	Invalid resource version
11	PARINGRP_NON_MP	Maintenance point CMAS not available

Table 814. PARINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	PARINGRP_INV_CONTEXT	Context not found
21	PARINGRP_INCONSISTENT_SET	Inconsistent set
22	PARINGRP_DIFF_VERSION	Different version
23	PARINGRP_INV_NAME	Invalid name
24	PARINGRP_INV_MINNAME	Invalid minor name

Table 815. PARINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
<b>PARTGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
<b>PARTNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Partner definition name	44
<b>PARTVER-3</b>	BINARY	CPSM	1	Yes	AVG	Partner definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 345. PARMAVA Resource Table

A CPSM MetaData resource that describes the allowable values for a parameter.

The **Primary** key field for this resource class is PARMIDN.

The **Secondary** key field for this resource class is PARMAVAIDN.

There are no object specific actions for this resource class.

**Object type**

CICSplex SM Metadata

**Length**

40

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2635

Table 816. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 817. PARMAVA resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
PARMIDN-1	BINARY	CPSM	4	AVG	Parameter number	0
PARMAVAIDN-2	BINARY	CPSM	4	AVG	AVA number for parameter	4
LITERAL	CHAR	CPSM	12	DIFF	Parameter literal	8
VALUE	BINARY	CPSM	4	AVG	Parameter value in numeric form	20
VALUENAME	CHAR	CPSM	12	DIFF	Parameter value as character string	24



# Chapter 346. PARTDEF Resource Table

A CICS Definition that describes a partner, which enables application programs to communicate via APPC protocols with a partner application on a remote logical unit.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a Partner Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionPartner

**Object type**

CICS Definition

**Length**

360

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3806

**Security Class**

BAS.PARTNER

Table 818. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No

Table 818. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTOGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 819. PARTDEF FEEDBACK error codes		
Value	Code	Description
1	PARTDEF_INV_DATA	Attribute data invalid
2	PARTDEF_REC_NOT_FOUND	Requested resource not found
4	PARTDEF_REC_EXISTS	Resource already exists
5	PARTDEF_REC_CHANGED	Resource definition already changed
6	PARTDEF_INV_RESTYPE	Invalid resource type
7	PARTDEF_INV_VER	Invalid resource version
11	PARTDEF_NON_MP	Maintenance point CMAS not available
12	PARTDEF_INV_CONTEXT	Context not found
13	PARTDEF_INCONSISTENT_SET	Inconsistent set condition
14	PARTDEF_INV_RESGROUP	Resource group not found
21	PARTDEF_INV_ACTION	Invalid action
22	PARTDEF_INV_RECADDR	Invalid record address
23	PARTDEF_INV_RECLEN	Invalid record length
24	PARTDEF_DIFF_VERSION	Different version
25	PARTDEF_EARLY_NAMELIST_END	Early name list end
26	PARTDEF_INV_NAMELIST	Invalid name list
27	PARTDEF_INV_NAME	Invalid name
28	PARTDEF_INV_MINNAME	Invalid minor name
29	PARTDEF_NOTIFY	Notify

Table 819. PARTDEF FEEDBACK error codes (continued)

Value	Code	Description
30	PARTDEF_PARTIAL_INSTALL	Partial install
31	PARTDEF_NOTHING_INSTALLED	Nothing installed
32	PARTDEF_NO_TARGETS	No targets
33	PARTDEF_NO_RELATED	No related systems
34	PARTDEF_INV_TSCOPE	Invalid target scope
35	PARTDEF_INV_RSCOPE	Invalid related scope
36	PARTDEF_INV_USAGE	Invalid usage
37	PARTDEF_INV_MODE	Invalid mode
38	PARTDEF_INV_STATECHK	Invalid state check
39	PARTDEF_INV_FORCEINS	Invalid force install
40	PARTDEF_INV_NOTIFY	Invalid notify
41	PARTDEF_INV_OVERTYPE	Invalid oertype
42	PARTDEF_INV_OVRBLOCK	Invalid override block
43	PARTDEF_INV_ORSTRING	Invalid override string
44	PARTDEF_INV_STRNGTERM	Invalid string terminator
45	PARTDEF_INV_EMBEDTERM	Invalid embedded terminator
46	PARTDEF_INV_ATTRIBUTE	Invalid attribute
47	PARTDEF_INV_LITERAL	Invalid literal
48	PARTDEF_INV_ORSTGNA	Invalid override string
49	PARTDEF_SCOPE_REQUIRED	Scope required
50	PARTDEF_USAGE_CONFLICT	Usage conflict
51	PARTDEF_NODEFS_SELECTED	No definitions selected
52	PARTDEF_MORE_THAN_1_RELSYS	More than one related system
53	PARTDEF_MISSING_RELSYSID	Missing related system identifier
54	PARTDEF_SCOPE_CONFLICT	Scope conflict
55	PARTDEF_INV_CSDGROUP	Invalid CSD group
56	PARTDEF_REC_NOT_REMOVED	Record not removed
57	PARTDEF_INV_RESOURCE	Invalid resource
58	PARTDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	PARTDEF_PARTIAL_ACTION	Partial action
60	PARTDEF_NOTHING_ACTIONED	Nothing actioned
61	PARTDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	PARTDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	PARTDEF_CSD_ERROR	CSD access error

Table 820. PARTDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	352
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				256
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		348
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				288
NETNAME	CHAR	CPSM	8	Yes	DIFF	VTAM node name				33
NETWORK	CHAR	CPSM	8	No	DIFF	Network name				41
PROFILE	CHAR	CPSM	8	Yes	DIFF	Profile definition name	DFHCICSA			49
TPNAME	CHAR	CPSM	64	No	DIFF	Remote transaction program name (characters)				57
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				264
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				272
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				280
XTPNAME	CHAR	CPSM	128	No	DIFF	Remote transaction program name (hexadecimal)				121



## Chapter 347. PARTNER Resource Table

A CICS Resource that describes a CPI-C partner table in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is PARTNER.

The following action is supported:

### DISCARD

Discard the partner definition

The DISCARD action requires no unique parameter data.

### External resource name(CMCI)

CICSPartner

### Object type

CICS Resource

### Length

120

### Usage

API, WUI, CICS Management Client Interface(CMCI)

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0052

### Security Class

OPERATE.PARTNER

### CICS Commands subject to CICS Security

INQUIRE PARTNER

Table 821. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 822. PARTNER resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>PARTNER-1</b>	CHAR	INQ	PARTNER	PARTNER	8	DIFF	Partner name	16

Table 822. PARTNER resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
NETNAME	CHAR	INQ	PARTNER	NETNAME	8	DIFF	Node where partner located	24
NETWORK	CHAR	INQ	PARTNER	NETWORK	8	DIFF	Network where partner located	32
PROFILE	CHAR	INQ	PARTNER	PROFILE	8	DIFF	Profile name for partner	40
TPNAME	CHAR	INQ	PARTNER	TPNAME	64	DIFF	Remote transaction program name	48
TPNAMELEN	BINARY	INQ			2	AVG	Length of remote transaction program name	112

# Chapter 348. PERIODEF Resource Table

A CPSM Communications Definition that describes a named period of time. Time periods are used to control when certain management application definitions are installed. They are also used to identify the expected operational period for CICS systems.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSPeriodDefinition

**Object type**

CICSplex SM Definition

**Length**

112

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2811

**Security Class**

TOPOLOGY.DEF

Table 823. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

Table 824. PERIODEF FEEDBACK error codes

Value	Code	Description
1	PERIODEF_INV_DATA	Attribute data invalid
2	PERIODEF_REC_NOT_FOUND	Requested resource not found
4	PERIODEF_REC_EXISTS	Resource already exists
5	PERIODEF_REC_CHANGED	Resource definition already changed

Table 825. PERIODEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name			36
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/ output valid values	• DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DESC	CHAR	CPSM	58	No	DIFF	Description			50
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	108
END	HHMM	CPSM	2	Yes	MAX	End time			46
START	HHMM	CPSM	2	Yes	MAX	Start time			44
ZONE	CHAR	CPSM	1	Yes	DIFF	Time zone			49
ZONEADJ	BINARY	CPSM	1	Yes	AVG	Time zone adjustment factor	0		48

## Chapter 349. PGMINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a program definition (PROGDEF) in a resource group (RESGROUP). A PROGDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is PROGGROUP.

The **Secondary** key field for this resource class is PROGNAME.

The **Tertiary** key field for this resource class is PROGVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6154

### Security Class

BAS.DEF

Table 826. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 827. PGMINGRP FEEDBACK error codes		
Value	Code	Description
1	PGMINGRP_INV_DATA	Attribute data invalid
2	PGMINGRP_REC_NOT_FOUND	Requested resource not found
4	PGMINGRP_REC_EXISTS	Resource already exists
6	PGMINGRP_INV_RESTYPE	Invalid resource type
7	PGMINGRP_INV_VER	Invalid resource version
11	PGMINGRP_NON_MP	Maintenance point CMAS not available

Table 827. PGMINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	PGMINGRP_INV_CONTEXT	Context not found
21	PGMINGRP_INCONSISTENT_SET	Inconsistent set
22	PGMINGRP_DIFF_VERSION	Different version
23	PGMINGRP_INV_NAME	Invalid name
24	PGMINGRP_INV_MINNAME	Invalid minor name

Table 828. PGMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
PROGGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
PROGNAME-2	CHAR	CPSM	8	Yes	DIFF	Program definition name	44
PROGVER-3	BINARY	CPSM	1	Yes	AVG	Program definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 350. PIPEDEF Resource Table

A CICS definition that describes the processing nodes that will act on a service request and on the response to it when a CICS application acts in the role of a Web-service provider or requester.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a Connection Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**ADDTOGRP**

Add to resource group

PARM(' [ERRQUEUE] RESGROUP(value) .')

**External resource name(CMCI)**

CICSDefinitionPipeline

**Object type**

CICS Definition

**Length**

920

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3834

**CICS Commands subject to CICS Security**

INQUIRE PIPELINE

Table 829. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No

Table 829. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
UPDATE REMOVE PERFORM SET	INSTALL	RESGROUP(value)	No
		CSD	No
		CSD	No
		FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
		ADDTGRP	Yes
		CSDINSTALL	N/A
		CSDCOPY	No
		AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 830. PIPEDEF FEEDBACK error codes		
Value	Code	Description
1	PIPEDEF_INV_DATA	Attribute data invalid
2	PIPEDEF_REC_NOT_FOUND	Requested resource not found
4	PIPEDEF_REC_EXISTS	Resource already exists
5	PIPEDEF_REC_CHANGED	Resource definition already changed
6	PIPEDEF_INV_RESTYPE	Invalid resource type
7	PIPEDEF_INV_VER	Invalid resource version
11	PIPEDEF_NON_MP	Maintenance point CMAS not available
12	PIPEDEF_INV_CONTEXT	Context not found
13	PIPEDEF_INCONSISTENT_SET	Inconsistent set condition
14	PIPEDEF_INV_RESGROUP	Resource group not found
21	PIPEDEF_INV_ACTION	Invalid action
22	PIPEDEF_INV_RECADDR	Invalid record address
23	PIPEDEF_INV_RECLEN	Invalid record length
24	PIPEDEF_DIFF_VERSION	Different version
25	PIPEDEF_EARLY_NAMELIST_END	Early name list end
26	PIPEDEF_INV_NAMELIST	Invalid name list



Table 830. PIPEDEF FEEDBACK error codes (continued)

Value	Code	Description
27	PIPEDEF_INV_NAME	Invalid name
28	PIPEDEF_INV_MINNAME	Invalid minor name
29	PIPEDEF_NOTIFY	Notify
30	PIPEDEF_PARTIAL_INSTALL	Partial install
31	PIPEDEF_NOTHING_INSTALLED	Nothing installed
32	PIPEDEF_NO_TARGETS	No targets
33	PIPEDEF_NO_RELATED	No related systems
34	PIPEDEF_INV_TSCOPE	Invalid target scope
35	PIPEDEF_INV_RSCOPE	Invalid related scope
36	PIPEDEF_INV_USAGE	Invalid usage
37	PIPEDEF_INV_MODE	Invalid mode
38	PIPEDEF_INV_STATECHK	Invalid state check
39	PIPEDEF_INV_FORCEINS	Invalid force install
40	PIPEDEF_INV_NOTIFY	Invalid notify
41	PIPEDEF_INV_OVERTYPE	Invalid over type
42	PIPEDEF_INV_OVRBLOCK	Invalid override block
43	PIPEDEF_INV_ORSTRING	Invalid override string
44	PIPEDEF_INV_STRNGTERM	Invalid string term
45	PIPEDEF_INV_EMBEDTERM	Invalid embedded terminator
46	PIPEDEF_INV_ATTRIBUTE	Invalid attribute
47	PIPEDEF_INV_LITERAL	Invalid literal
48	PIPEDEF_INV_ORSTGNA	Invalid override string
49	PIPEDEF_SCOPE_REQUIRED	Scope required
50	PIPEDEF_USAGE_CONFLICT	Usage conflict
51	PIPEDEF_NODEFS_SELECTED	No definitions selected
52	PIPEDEF_MORE_THAN_1_RELSYS	More than one related system
53	PIPEDEF_MISSING_RELSYSID	Missing related system identifier
54	PIPEDEF_SCOPE_CONFLICT	Scope conflict
55	PIPEDEF_INV_CSDGROUP	Invalid CSD group
56	PIPEDEF_REC_NOT_REMOVED	Record not removed
57	PIPEDEF_INV_RESOURCE	Invalid resource
58	PIPEDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	PIPEDEF_PARTIAL_ACTION	Partial action
60	PIPEDEF_NOTHING_ACTIONED	Nothing actioned
61	PIPEDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 830. PIPEDEF FEEDBACK error codes (continued)

Value	Code	Description
62	PIPEDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	PIPEDEF_CSD_ERROR	CSD access error

Table 831. PIPEDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	908
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CONFIGFILE	CHAR	CPSM	25 5	Yes	DIFF	Configuration file name on zFS for this pipeline				130
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				40
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		900
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				72
RESPWAIT	CHAR	CPSM	4	No	DIFF	Response wait time for Requester Pipeline (SSSS)	DEFT	0-9999	E640	904
RESPWAIT Input/output valid values	<ul style="list-style-type: none"> <li>• DEFT</li> </ul>									
SHELF	CHAR	CPSM	25 5	No	DIFF	Name of a directory (shelf) for WSBIND files	/var/cicsts			385
STATUS	CVDAS	CPSM	4	No	LIKE	ENABLED status	ENABLED			640
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				48
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				56
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				64
WSDIR	CHAR	CPSM	25 5	No	DIFF	Name of the WSBIND (pickup) directory on zFS				644

# Chapter 351. PIPELINE Resource Table

A CICS resource that describes the processing nodes that will act on a service request and on the response to it when a CICS application acts in the role of a Web-service provider or requester.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**ENABLE**

Process inbound service requests normally.

**DISABLE**

Reject inbound service requests.

**DISCARD**

Remove this PIPELINE definition.

**SCAN**

Scan the PIPELINE's web service binding directory.

**External resource name(CMCI)**

CICSPipeline

**Object type**

CICS Resource

**Length**

1176

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0164

**CICS Commands subject to CICS Security**

INQUIRE PIPELINE

Table 832. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A
	DISCARD	None	N/A
	SCAN	None	N/A

Table 833. PIPELINE resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
NAME-1	CHAR	INQ	PIPELINE	PIPELINE	8	DIF F	No	Name			16
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	1160
CHANGEAGENT	CVDAS	INQ	PIPELINE	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650	1108
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>										
CHANGEAGREL	CHAR	INQ	PIPELINE	CHANGEAGREL	4	DIF F	No	Last modification agent release		E640 E650	1112
CHANGETIME	DATETIME	INQ	PIPELINE	CHANGETIME	8	MAX	No	Last modification time		E640 E650	1120
CHANGEUSRID	CHAR	INQ	PIPELINE	CHANGEUSRID	8	DIF F	No	Last modification user ID		E640 E650	1100
CIDDOMAIN	CHAR	INQ	PIPELINE	CIDDOMAIN	255	DIF F	No	MIME content id domain name		E640	824
CONFIGFILE	CHAR	INQ	PIPELINE	CONFIGFILE	255	DIF F	No	Configuration file name on zFS for this pipeline			32
DEFINESOURCE	CHAR	INQ	PIPELINE	DEFINESOURCE	8	DIF F	No	Source of the resource definition		E640 E650	1128
DEFINETIME	DATETIME	INQ	PIPELINE	DEFINETIME	8	MAX	No	Creation time		E640 E650	1136
ENABLESTATUS	CVDAS	INQ	PIPELINE	ENABLESTATUS	4	LIKE	Yes	Status			24
ENABLESTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>										
ENABLESTATUS Output valid values	<ul style="list-style-type: none"> <li>• ENABLING</li> <li>• DISABLING</li> <li>• DISCARDING</li> </ul>										
INSTALLAGENT	CVDAS	INQ	PIPELINE	INSTALLAGENT	4	LIKE	No	Installation agent		E640 E650	1116
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• GRPLIST</li> <li>• BUNDLE</li> </ul>										
INSTALLTIME	DATETIME	INQ	PIPELINE	INSTALLTIME	8	MAX	No	Installation time		E640 E650	1152
INSTALLUSRID	CHAR	INQ	PIPELINE	INSTALLUSRID	8	DIF F	No	Installation user ID		E640 E650	1144

Table 833. PIPELINE resource table attributes (continued)											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
MSGFORMAT	CHAR	INQ	PIPELINE	MSGFORMAT	8	DIF F	No	Format of messages processed by the pipeline		E640 E650 E660 E670 E680	1161
MTOMNOXOPST	EYUDA	INQ	PIPELINE	MTOMNOXOPST	4	LIKE	No	Use MTOM even when no XOP attachments are present		E640	1088
MTOMNOXOPST Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>										
MTOMST	EYUDA	INQ	PIPELINE	MTOMST	4	LIKE	No	SOAP MTOM status		E640	1080
MTOMST Output valid values	<ul style="list-style-type: none"> <li>• SUPPORTED</li> <li>• NOTSUPPORTED</li> </ul>										
PIPEMODE	CVDAS	INQ	PIPELINE	MODE	4	LIKE	No	Pipeline operation mode		E640	800
PIPEMODE Output valid values	<ul style="list-style-type: none"> <li>• REQUESTER</li> <li>• PROVIDER</li> <li>• UNKNOWN</li> </ul>										
PIPEUSECOUNT	BINARY	STAT	DFHPIRDS	PIR_PIPELINE_USE_COUNT	4	SUM	No	Number of times pipeline has been used			28
RESPWAIT	BINARY	INQ	PIPELINE	RESPWAIT	4	LIKE	Yes	Response wait time for Requester Pipelines			804
SENDMTOMST	EYUDA	INQ	PIPELINE	SENDMTOMST	4	LIKE	No	Outbound SOAP message MTOM status		E640	1084
SENDMTOMST Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• SAME</li> </ul>										
SHELF	CHAR	INQ	PIPELINE	SHELF	255	DIF F	No	Name of a directory (shelf) for WSBInd files			287
SOAPLEVEL	CHAR	INQ	PIPELINE	SOAPLEVEL	8	DIF F	No	SOAP level supported by the pipeline		E640	816
SOAPRNUM	BINARY	INQ	PIPELINE	SOAPRNUM	4	LIKE	No	SOAP release number part of SOAPLEVEL		E640	812
SOAPVNUM	BINARY	INQ	PIPELINE	SOAPVNUM	4	LIKE	No	SOAP version number part of SOAPLEVEL		E640	808
WSDIR	CHAR	INQ	PIPELINE	WSDIR	255	DIF F	No	Name of the WSBInd (pickup) directory on zFS			542
XOPDIRECTST	EYUDA	INQ	PIPELINE	XOPDIRECTST	4	LIKE	No	Pipeline direct mode XOP status		E640	1096
XOPDIRECTST Output valid values	<ul style="list-style-type: none"> <li>• SUPPORTED</li> <li>• NOTSUPPORTED</li> </ul>										
XOPSUPPORTST	EYUDA	INQ	PIPELINE	XOPSUPPORTST	4	LIKE	No	Pipeline application handler XOP capability		E640	1092
XOPSUPPORTST Output valid values	<ul style="list-style-type: none"> <li>• SUPPORTED</li> <li>• NOTSUPPORTED</li> </ul>										



## Chapter 352. PIPINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a pipeline definition (PIPEDEF) in a resource group (RESGROUP). A PIPEDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is PIPGROUP.

The **Secondary** key field for this resource class is PIPNAME.

The **Tertiary** key field for this resource class is PIPVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6179

### Security Class

BAS.DEF

Table 834. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 835. PIPINGRP FEEDBACK error codes		
Value	Code	Description
1	PIPINGRP_INV_DATA	Attribute data invalid
2	PIPINGRP_REC_NOT_FOUND	Requested resource not found
4	PIPINGRP_REC_EXISTS	Resource already exists
6	PIPINGRP_INV_RESTYPE	Invalid resource type
7	PIPINGRP_INV_VER	Invalid resource version
11	PIPINGRP_NON_MP	Maintenance point CMAS not available

Table 835. PIPINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	PIPINGRP_INV_CONTEXT	Context not found
21	PIPINGRP_INCONSISTENT_SET	Inconsistent set
22	PIPINGRP_DIFF_VERSION	Different version
23	PIPINGRP_INV_NAME	Invalid name
24	PIPINGRP_INV_MINNAME	Invalid minor name

Table 836. PIPINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
PIPGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
PIPNAME-2	CHAR	CPSM	8	Yes	DIFF	Pipeline definition name	44
PIPPER-3	BINARY	CPSM	1	Yes	AVG	Pipeline definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16



## Chapter 353. PLATDEF Resource Table

This CICS resource object provides information about platform definitions.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### INSTALL

Deploy a PLATDEF resource into the CICSplex.

### External resource name(CMCI)

CICSPlatformDefinition

### Object type

CICSplex SM Definition

### Length

368

### Usage

API, Batch Utility, CICS Management Client Interface(CMCI)

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt3527

### Security Class

CLOUD.DEF

Table 837. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	None	N/A

Table 838. PLATDEF FEEDBACK error codes		
Value	Code	Description
1	PLATDEF_DATA_INVALID	Attribute data invalid
2	PLATDEF_REC_NOT_FOUND	Platform definition not found
3	PLATDEF_CICSplex_MATCHES_NAME	PLATDEF name matches an existing CICSplex
4	PLATDEF_REC_EXISTS	Platform definition already exists

Table 838. PLATDEF FEEDBACK error codes (continued)

Value	Code	Description
5	PLATDEF_CSYSGRP_MATCHES_NAME	PLATDEF name matches an existing system group
6	PLATDEF_CSYSDEF_MATCHES_NAME	PLATDEF name matches an existing system definition
7	PLATDEF_PLATFORM_INSTALLED	Platform is already installed
8	PLATDEF_BUNDLE_FILE_NOT_AUTH	User ID not authorized to access zFS file
9	PLATDEF_NOT_FOUND_BUNDLE_FILE	Platform bundle file not found
10	PLATDEF_XML_IN_BUNDLE_INVALID	Invalid XML in bundle
12	PLATDEF_CSYSGRP_NOT_FOUND	System group named in platform bundle not found
13	PLATDEF_CSYSGRP_IN_USE	System group named in platform bundle is in use
15	PLATDEF_PLATFORM_INVALID	The specified platform is invalid
16	PLATDEF_PLATHOME_INVALID	The specified platform home is invalid
17	PLATDEF_RGNTYPE_ID_INVALID	A region type ID used in the platform is invalid
18	PLATDEF_RGNTYPE_NAME_INVALID	A region type name used in the platform is invalid
19	PLATDEF_DUPLICATE_RGNTYPE	The platform contains a duplicate region type name
20	PLATDEF_RGNTYPE_HAS_SUBGROUPS	A region type used in the platform has subgroups
21	PLATDEF_INSTALLED_SOME_BUNDLES	CICS bundles were not installed in some regions
22	PLATDEF_INSTALLED_NO_BUNDLES	CICS bundles were not installed in any regions
23	PLATDEF_DUPLICATE_RGNTYPE_ID	Platform references a duplicate region type ID
24	PLATDEF_DUPLICATE_REGION	A duplicate CICS region exists and cannot be used
25	PLATDEF_REGION_MATCHES_GROUP	VTAM APPLID matches an existing group definition
26	PLATDEF_BUNDLE_INVALID_VERSION	Invalid version of Platform bundle.
27	PLATDEF_INSTALL_FAILED	PLATDEF install failed.
28	PLATDEF_PLATFORM_BUSY	Platform is busy for another action.
29	PLATDEF_PLATDIR_INVALID	Platform directory does not reside in a sub directory named platform, within the platform home directory.
30	PLATDEF_RLINK_DUPLICATE	Duplicate regionLink.
31	PLATDEF_REGIONTYPE_UNEXPECTED	Region type defined in regionTypes.xml not defined in platform.xml.

Table 838. PLATDEF FEEDBACK error codes (continued)

Value	Code	Description
32	PLATDEF_REGIONTYPE_MISSING	Missing regionType.
33	PLATDEF_REGION_FIELD_INVALID	Region attribute specifies an unrecognised value.
34	PLATDEF_INCOMPATIBLE_MODEL	A region type model for region type contains an incompatible attribute value.
35	PLATDEF_NOLINK_CREATED_RTYPE	No region type links were found for created region type.
36	PLATDEF_LINK_FOR_ADOPTED_RTYPE	A region type link was found for an adopted region type.
37	PLATDEF_SHARED_RGN_NOT_CREATED	A region could not be shared to created region.
38	PLATDEF_NO_RTYPE_FND_FOR_LINK	A region type link specifies unknown region type.
39	PLATDEF_NO_REGION_FND_FOR_LINK	A region type link specifies unknown region.
40	PLATDEF_INVALID_MODEL_ATTR	A region type model attribute is invalid.
41	PLATDEF_NOLINK_CREATED_RGN	No region types link for a created region
42	PLATDEF_CREATED_RTYPE_EXISTS	System group for a created region type already exists.
43	PLATDEF_CREATED_REGION_ACTIVE	Created region already active.
44	PLATDEF_NO_RTYPE_FOR_BINDING	No region type for binding.
45	PLATDEF_RGNTYPE_HAS_CREATEDRGN	A platform created region was found in an adopted region type.

Table 839. PLATDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Platform definition		36
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent		8
CHANGEAGENT Input/output valid values	• DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release		32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification		0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID		24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created		16
DESCCODEPAGE	BINARY	CPSM	4	No	MAX	Description code page	37	104
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description		44
PLATDIR	CHAR	CPSM	255	Yes	DIFF	Platform bundle directory.		108



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## Chapter 354. PLATFORM Resource Table

This CICS resource object is the runtime object that represents a deployed platform.

The **Primary** key field for this resource class is PLATDEF.

The following actions are supported:

### **ADDBUNDLE**

Add a CICS bundle to the platform.

#### **BUNDLEID**

CICS bundle ID of the CICS bundle to add to this platform.

#### **BUNDMAJORVER**

CICS bundle major version of the CICS bundle to add to the platform.

#### **BUNDMICROVER**

CICS bundle micro version of the CICS bundle to add to the platform.

#### **BUNDMINORVER**

CICS bundle minor version of the CICS bundle to add to the platform.

#### **REGIONTYPE**

Region type that the supplied CICS bundle should be installed into.

### **ADDREGION**

Add a CICS region to a region type.

#### **APPLID**

APPLID of the CICS region to be added.

#### **CSYSDEF\_NAME**

Name of the CICS system definition for the CICS region to be added.

#### **PRICMAS**

Primary CMAS for the CICS region to be added.

#### **REGIONTYPE**

Platform region type to which the CICS region will be added.

#### **SYSID**

SYSID of the CICS region to be added.

### **DISABLE**

Disable a platform in the CICSplex.

### **DISCARD**

Remove a platform from the CICSplex.

### **ENABLE**

Enable a platform in the CICSplex.

### **GET**

Retrieve information about a deployed platform.

### **REMOVEBUNDLE**

Remove a CICS bundle from the platform.

#### **BUNDLEID**

CICS bundle ID of the CICS bundle to be removed.

#### **BUNDMAJORVER**

CICS bundle major version of the CICS bundle to be removed.

#### **BUNDMICROVER**

CICS bundle micro version of the CICS bundle to be removed.

**BUNDMINORVER**

CICS bundle minor version of the CICS bundle to be removed.

**REGIONTYPE**

Platform region type where the CICS bundle will be removed.

**REMOVEREGION**

Remove a CICS region from a region type.

**CSYSDEF\_NAME**

Name of the CICS system definition for the CICS region to be removed.

**REGIONTYPE**

Platform region type from which the CICS region will be removed.

**External resource name(CMCI)**

CICSPlatform

**Object type**

CICSplex SM Manager

**Length**

760

**Usage**

API, CICS Management Client Interface(CMCI)

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3526

**Security Class**

CLOUD.PLATFORM

Table 840. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	ENABLE	None	N/A
	DISABLE	None	N/A
	REMOVEBUNDLE	BUNDLEID(value)	Yes
		BUNDMAJORVER(value)	Yes
		BUNDMICROVER(value)	Yes
		BUNDMINORVER(value)	Yes
		REGIONTYPE(value)	Yes
	ADDBUNDLE	BUNDLEID(value)	Yes
		BUNDMAJORVER(value)	Yes

Table 840. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
	ADDREGION	BUNDMICROVER(value)	Yes
		BUNDMINORVER(value)	Yes
		REGIONTYPE(value)	Yes
		APPLID(value)	No
		CSYSDEF_NAME(value)	Yes
		PRICMAS(value)	No
		REGIONTYPE(value)	Yes
	REMOVEREGION	SYSID(value)	No
		CSYSDEF_NAME(value)	Yes
		REGIONTYPE(value)	Yes

Table 841. PLATFORM FEEDBACK error codes		
Value	Code	Description
1	PLATFORM_REC_NOT_FOUND	Platform not found
2	PLATFORM_CONTAINS_APPLICATIONS	Applications are installed in this Platform
3	PLATFORM_DISABLED_SOME_BUNDLES	CICS bundles were not disabled in some regions
4	PLATFORM_DISCARDED_SOME_BUNDS	CICS bundles were not discarded in some regions
5	PLATFORM_DISCARDED_NO_BUNDLES	CICS bundles were not discarded in any regions
6	PLATFORM_ENABLED_SOME_BUNDLES	CICS bundles were not enabled in some regions
7	PLATFORM_ENABLED_NO_BUNDLES	CICS bundles were not enabled in any regions
8	PLATFORM_DISABLED_NO_BUNDLES	CICS bundles were not disabled in any regions
11	PLATFORM_BUNDLE_NOT_FOUND	CICS bundle was not found
12	PLATFORM_RGNTYPE_INVALID	Invalid region type
13	PLATFORM_BUNDLE_ID_INVALID	Invalid CICS bundle ID
17	PLATFORM_REGION_ACTIVE	Region is active
18	PLATFORM_CONTEXT_INVALID	CICSplex not found
19	PLATFORM_APPLID_INVALID	Invalid VTAM APPLID
20	PLATFORM_SYSID_INVALID	Invalid system ID
21	PLATFORM_PRIMARY_CMAS_INVALID	Invalid primary CMAS
22	PLATFORM_REGION_INVALID	CICS region could not be created
23	PLATFORM_RGNTYPE_NOT_FOUND	Requested region type not found
24	PLATFORM_DUPLICATE_REGION	Duplicate CICS region exists

Table 841. PLATFORM FEEDBACK error codes (continued)

Value	Code	Description
25	PLATFORM_CSYSGRP_EXISTS	VTAM APPLID matches an existing group definition
26	PLATFORM_REGION_NOT_FOUND	Requested region not found
27	PLATFORM_RECORD_EXISTS	The CICS bundle already exists in the region type
28	PLATFORM_INSTALLED_SOME_BUNDS	CICS bundles were not installed in some regions
29	PLATFORM_INSTALLED_NO_BUNDLES	CICS bundles were not installed in any regions
30	PLATFORM_BUSY	Platform is busy for another action.
31	PLATFORM_NOT_DISABLED	At least one installed bundle is enabled.
32	PLATFORM_BUNDLE_NOT_DISABLED	At least one installed bundle is enabled.
33	PLATFORM_ADDBUNDLE_FAILED	Platform ADDBUNDLE request failed.
34	PLATFORM_BUNDLE_MAJVER_INVALID	Invalid CICS bundle major version
35	PLATFORM_BUNDLE_MINVER_INVALID	Invalid CICS bundle minor version
36	PLATFORM_BUNDLE_MICVER_INVALID	Invalid CICS bundle micro version
37	PLATFORM_PLATDEF_INVALID	Invalid platform definition
38	PLATFORM_CREATED_REGION_ACTIVE	A created region was still active.
39	PLATFORM_CREATED_REGION_IN_USE	A created region was still in use by Business Application Services (BAS).
40	PLATFORM_RTYPE_IN_USE	A region type was still in use by Business Application Services (BAS).
41	PLATFORM_CSYSDEF_NAME_INVALID	Invalid CSYSDEF name
42	PLATFORM_INCOMPAT_REGION	Incompatible region
43	PLATFORM_REGION_NOT_IN_RTYPE	Region not in Region Type
44	PLATFORM_STATUS_FAILED	Platform in failed state

Table 842. PLATFORM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Default	Value Range	Offset
<b>PLATDEF-1</b>	CHAR	CPSM	8	DIFF	Platform definition			36
CHANGEAGENT	CVDAS	CPSM	4	LIKE	Last modification agent			8
CHANGEAGENT Input/output valid values	• DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	DIFF	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	MAX	Time created			16
DESCCODEPAGE	BINARY	CPSM	4	MAX	Description code page	37	0-99999999	752



Table 842. PLATFORM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Default	Value Range	Offset
DESCRIPTION	CHAR	CPSM	255	DIFF	Description of this platform			48
ENABLESTATUS	EYUDA	CPSM	4	LIKE	Enable Status			756
ENABLESTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> <li>• ENABLING</li> <li>• DISABLING</li> <li>• INCOMPLETE</li> <li>• EMPTY</li> <li>• SOMEDISABLED</li> <li>• INSTALLING</li> <li>• DISCARDING</li> <li>• FAILED</li> </ul>							
PLATDIR	CHAR	CPSM	255	DIFF	Platform bundle directory			303
PLATFORM	CHAR	CPSM	64	DIFF	Platform			686
PLATHOME	CHAR	CPSM	128	DIFF	Platform home directory			558
STATUS	EYUDA	CPSM	4	LIKE	Status			44
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ACTIVE</li> <li>• PARTIAL</li> <li>• INACTIVE</li> </ul>							



# Chapter 355. POLMON Resource Table

A CPSM Monitor Manager object that describes a monitor definition installed in a specific CICS system.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is STATUS.

The **Tertiary** key field for this resource class is ACTIVETIME.

The following actions are supported:

**DISCARD**

Unconditionally remove the installed definition.

**DEACTIVATE**

Remove the installed definition honoring a PERIODEF.

These actions require no unique parameter data.

**Object type**

CICSplex SM Manager

**Length**

56

**Usage**

API, WUI

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2406

**Security Class**

MONITOR.DEF

Table 843. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	DEACTIVATE	None	N/A

Table 844. POLMON FEEDBACK error codes		
Value	Code	Description
1	POLMON_INV_DATA	Invalid name
2	POLMON_REC_NOT_FOUND	Requested resource not found
3	POLMON_INV_REFERENCE	Does not exist

Table 844. POLMON FEEDBACK error codes (continued)

Value	Code	Description
4	POLMON_REC_EXISTS	Record exists
21	POLMON_DISCARD_NOT_ALLOWED	Discard not allowed
22	POLMON_DEACT_NOT_ALLOWED	Deactivate not allowed

Table 845. POLMON resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	Definition name	16
STATUS-2	EYUDA	CPSM	4	LIKE	Definition status	48
STATUS-2 Output valid values	<ul style="list-style-type: none"> <li>ACTIVE</li> <li>PENDING</li> </ul>					
ACTIVETIME-3	CHAR	CPSM	8	DIFF	Activation period	40
INCLUDE	EYUDA	CPSM	4	LIKE	Monitoring inclusion status	36
INCLUDE Output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>					
RESCCLASS	EYUDA	CPSM	4	LIKE	Monitoring resource class	32
RESCCLASS Output valid values	<ul style="list-style-type: none"> <li>MCICS</li> <li>MCONN</li> <li>MGLBL</li> <li>MDBX</li> <li>MFILE</li> <li>MJRNL</li> <li>MPROG</li> <li>MTDQS</li> <li>MTERM</li> <li>MTRAN</li> </ul>					
RESNAME	CHAR	CPSM	8	DIFF	Resource name pattern	24
RODMPOP	EYUDA	CPSM	4	LIKE	Resource status facility monitoring status	52
RODMPOP Output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>					

## Chapter 356. PRCINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a Process Type definition (PROCDEF) in a resource group (RESGROUP). A PROCDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is PROCGROUP.

The **Secondary** key field for this resource class is PROCNAME.

The **Tertiary** key field for this resource class is PRCVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6170

### Security Class

BAS.DEF

Table 846. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 847. PRCINGRP FEEDBACK error codes		
Value	Code	Description
1	PRCINGRP_INV_DATA	Attribute data invalid
2	PRCINGRP_REC_NOT_FOUND	Requested resource not found
4	PRCINGRP_REC_EXISTS	Resource already exists
6	PRCINGRP_INV_RESTYPE	Invalid resource type
7	PRCINGRP_INV_VER	Invalid resource version
11	PRCINGRP_NON_MP	Maintenance point CMAS not available

Table 847. PRCINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	PRCINGRP_INV_CONTEXT	Context not found
21	PRCINGRP_INCONSISTENT_SET	Inconsistent set
22	PRCINGRP_DIFF_VERSION	Different version
23	PRCINGRP_INV_NAME	Invalid name
24	PRCINGRP_INV_MINNAME	Invalid minor name

Table 848. PRCINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
PROCGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
PROCNAME-2	CHAR	CPSM	8	Yes	DIFF	Process type definition name	44
PRCOVER-3	BINARY	CPSM	1	Yes	AVG	Process type definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 357. PRNINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a partition set definition (PRTNDEF) in a resource group (RESGROUP). A PRTNDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is PRTNGROUP.

The **Secondary** key field for this resource class is PRTNNAME.

The **Tertiary** key field for this resource class is PRTNVER.

There are no object specific actions for this resource class.

**Object type**

CICSplex SM Definition

**Length**

56

**Usage**

API, Batch Utility, WUI

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt6152

**Security Class**

BAS.DEF

Table 849. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 850. PRNINGRP FEEDBACK error codes		
Value	Code	Description
1	PRNINGRP_INV_DATA	Attribute data invalid
2	PRNINGRP_REC_NOT_FOUND	Requested resource not found
4	PRNINGRP_REC_EXISTS	Resource already exists
6	PRNINGRP_INV_RESTYPE	Invalid resource type
7	PRNINGRP_INV_VER	Invalid resource version
11	PRNINGRP_NON_MP	Maintenance point CMAS not available

Table 850. PRNINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	PRNINGRP_INV_CONTEXT	Context not found
21	PRNINGRP_INCONSISTENT_SET	Inconsistent set
22	PRNINGRP_DIFF_VERSION	Different version
23	PRNINGRP_INV_NAME	Invalid name
24	PRNINGRP_INV_MINNAME	Invalid minor name

Table 851. PRNINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
<b>PRTNGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
<b>PRTNNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Partition set definition name	44
<b>PRTNVER-3</b>	BINARY	CPSM	1	Yes	AVG	Partition set definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16



# Chapter 358. PROCDEF Resource Table

A CICS Definition that describes a Process Type.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a Process Type Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionProcessType

**Object type**

CICS Definition

**Length**

168

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3825

**CICS Commands subject to CICS Security**

INQUIRE PROCESSTYPE

Table 852. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Table 852. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 853. PROCDEF FEEDBACK error codes		
Value	Code	Description
1	PROCDEF_INV_DATA	Attribute data invalid
2	PROCDEF_REC_NOT_FOUND	Requested resource not found
4	PROCDEF_REC_EXISTS	Resource already exists
5	PROCDEF_REC_CHANGED	Resource definition already changed
6	PROCDEF_INV_RESTYPE	Invalid resource type
7	PROCDEF_INV_VER	Invalid resource version
11	PROCDEF_NON_MP	Maintenance point CMAS not available
12	PROCDEF_INV_CONTEXT	Context not found
13	PROCDEF_INCONSISTENT_SET	Inconsistent set condition
14	PROCDEF_INV_RESGROUP	Resource group not found
21	PROCDEF_INV_ACTION	Invalid action
22	PROCDEF_INV_RECADDR	Invalid record address
23	PROCDEF_INV_RECLEN	Invalid record length
24	PROCDEF_DIFF_VERSION	Different version
25	PROCDEF_EARLY_NAMELIST_END	Early name list end
26	PROCDEF_INV_NAMELIST	Invalid name list
27	PROCDEF_INV_NAME	Invalid name
28	PROCDEF_INV_MINNAME	Invalid minor name
29	PROCDEF_NOTIFY	Notify
30	PROCDEF_PARTIAL_INSTALL	Partial install

Table 853. PROCDEF FEEDBACK error codes (continued)

Value	Code	Description
31	PROCDEF_NOTHING_INSTALLED	Nothing installed
32	PROCDEF_NO_TARGETS	No targets
33	PROCDEF_NO_RELATED	No related systems
34	PROCDEF_INV_TSCOPE	Invalid target scope
35	PROCDEF_INV_RSCOPE	Invalid related scope
36	PROCDEF_INV_USAGE	Invalid usage
37	PROCDEF_INV_MODE	Invalid mode
38	PROCDEF_INV_STATECHK	Invalid state check
39	PROCDEF_INV_FORCEINS	Invalid force install
40	PROCDEF_INV_NOTIFY	Invalid notify
41	PROCDEF_INV_OVERTYPE	Invalid over type
42	PROCDEF_INV_OVRBLOCK	Invalid override block
43	PROCDEF_INV_ORSTRING	Invalid override string
44	PROCDEF_INV_STRNGTERM	Invalid string terminator
45	PROCDEF_INV_EMBEDTERM	Invalid embedded terminator
46	PROCDEF_INV_ATTRIBUTE	Invalid attribute
47	PROCDEF_INV_LITERAL	Invalid literal
48	PROCDEF_INV_ORSTGNA	Invalid override string
49	PROCDEF_SCOPE_REQUIRED	Scope required
50	PROCDEF_USAGE_CONFLICT	Usage conflict
51	PROCDEF_NODEFS_SELECTED	No definitions selected
52	PROCDEF_MORE_THAN_1_RELSYS	More than one related system
53	PROCDEF_MISSING_RELSYSID	Missing related system identifier
54	PROCDEF_SCOPE_CONFLICT	Scope conflict
55	PROCDEF_INV_CSDGROUP	Invalid CSD group
56	PROCDEF_REC_NOT_REMOVED	Record not removed
57	PROCDEF_INV_RESOURCE	Invalid resource
58	PROCDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	PROCDEF_PARTIAL_ACTION	Partial action
60	PROCDEF_NOTHING_ACTIONED	Nothing actioned
61	PROCDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	PROCDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	PROCDEF_CSD_ERROR	CSD access error

Table 854. PROCDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	160
AUDITLEVEL	CVDAS	CPSM	4	Yes	LIKE	Audit level	OFF			52
AUDITLEVEL Input/output valid values	<ul style="list-style-type: none"> <li>• OFF</li> <li>• FULL</li> <li>• ACTIVITY</li> <li>• PROCESS</li> </ul>									
AUDITLOG	CHAR	CPSM	8	No	DIFF	Audit log name				41
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				64
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		156
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				96
FILE	CHAR	CPSM	8	Yes	DIFF	File name				33
STATUS	CVDAS	CPSM	4	Yes	LIKE	Enable status	ENABLED			56
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				72
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				80
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				88

# Chapter 359. PROCTYP Resource Table

A CICS Resource that describes a process type in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**DISABLE**

Disable a process type

**DISCARD**

Discard a process type.

These actions require no unique parameter data.

**External resource name(CMCI)**

CICSProcessType

**Object type**

CICS Resource

**Length**

112

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0101

**CICS Commands subject to CICS Security**

INQUIRE PROCESSTYPE

Table 855. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	DISABLE	None	N/A
	ENABLE	None	N/A

Table 856. PROCTYP resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
NAME-1	CHAR	INQ			8	DIF F	No	BTS process type			16
AUDITLEV	CVDAS	INQ	PROCESSTYPE	AUDITLEVEL	4	LIKE	Yes	Audit level			40
AUDITLEV Input/output valid values	<ul style="list-style-type: none"> <li>• OFF</li> <li>• FULL</li> <li>• ACTIVITY</li> <li>• PROCESS</li> </ul>										
AUDITLOG	CHAR	INQ	PROCESSTYPE	AUDITLOG	8	DIF F	No	Audit log name			32
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	108
CHANGEAGENT	CVDAS	INQ	PROCESSTYPE	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650	48
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>										
CHANGEAGREL	CHAR	INQ	PROCESSTYPE	CHANGEAGREL	4	DIF F	No	Last modification agent release		E640 E650	60
CHANGETIME	DATETIME	INQ	PROCESSTYPE	CHANGETIME	8	MAX	No	Last modification time		E640 E650	64
CHANGEUSRID	CHAR	INQ	PROCESSTYPE	CHANGEUSRID	8	DIF F	No	Last modification user ID		E640 E650	52
DEFINESOURCE	CHAR	INQ	PROCESSTYPE	DEFINESOURCE	8	DIF F	No	Source of the resource definition		E640 E650	72
DEFINETIME	DATETIME	INQ	PROCESSTYPE	DEFINETIME	8	MAX	No	Creation time		E640 E650	80
ENASTAT	CVDAS	INQ	PROCESSTYPE	STATUS	4	LIKE	Yes	Enable status			44
ENASTAT Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>										
FILE	CHAR	INQ	PROCESSTYPE	FILE	8	DIF F	No	File name			24
INSTALLAGENT	CVDAS	INQ	PROCESSTYPE	INSTALLAGENT	4	LIKE	No	Installation agent		E640 E650	104
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• GRPLIST</li> </ul>										
INSTALLTIME	DATETIME	INQ	PROCESSTYPE	INSTALLTIME	8	MAX	No	Installation time		E640 E650	96
INSTALLUSRID	CHAR	INQ	PROCESSTYPE	INSTALLUSRID	8	DIF F	No	Installation user ID		E640 E650	88

# Chapter 360. PROFDEF Resource Table

A CICS Definition that describes a profile, which controls the interactions between transactions and terminals or logical units.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a Profile Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionProfile

**Object type**

CICS Definition

**Length**

224

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3808

**Security Class**

BAS.PROFILE

Table 857. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No

Table 857. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 858. PROFDEF FEEDBACK error codes

Value	Code	Description
1	PROFDEF_INV_DATA	Attribute data invalid
2	PROFDEF_REC_NOT_FOUND	Requested resource not found
4	PROFDEF_REC_EXISTS	Resource already exists
5	PROFDEF_REC_CHANGED	Resource definition already changed
6	PROFDEF_INV_RESTYPE	Invalid resource type
7	PROFDEF_INV_VER	Invalid resource version
11	PROFDEF_NON_MP	Maintenance point CMAS not available
12	PROFDEF_INV_CONTEXT	Context not found
13	PROFDEF_INCONSISTENT_SET	Inconsistent set condition
14	PROFDEF_INV_RESGROUP	Resource group not found
21	PROFDEF_INV_ACTION	Invalid action
22	PROFDEF_INV_RECADDR	Invalid record address
23	PROFDEF_INV_RECLEN	Invalid record length
24	PROFDEF_DIFF_VERSION	Different version
25	PROFDEF_EARLY_NAMELIST_END	Early name list end
26	PROFDEF_INV_NAMELIST	Invalid name list
27	PROFDEF_INV_NAME	Invalid name
28	PROFDEF_INV_MINNAME	Invalid minor name
29	PROFDEF_NOTIFY	Notify



Table 858. PROFDEF FEEDBACK error codes (continued)

Value	Code	Description
30	PROFDEF_PARTIAL_INSTALL	Partial install
31	PROFDEF_NOTHING_INSTALLED	Nothing installed
32	PROFDEF_NO_TARGETS	No targets
33	PROFDEF_NO_RELATED	No related systems
34	PROFDEF_INV_TSCOPE	Invalid target scope
35	PROFDEF_INV_RSCOPE	Invalid related scope
36	PROFDEF_INV_USAGE	Invalid usage
37	PROFDEF_INV_MODE	Invalid mode
38	PROFDEF_INV_STATECHK	Invalid state check
39	PROFDEF_INV_FORCEINS	Invalid force install
40	PROFDEF_INV_NOTIFY	Invalid notify
41	PROFDEF_INV_OVERTYPE	Invalid over type
42	PROFDEF_INV_OVRBLOCK	Invalid override block
43	PROFDEF_INV_ORSTRING	Invalid override string
44	PROFDEF_INV_STRNGTERM	Invalid string terminator
45	PROFDEF_INV_EMBEDTERM	Invalid embedded terminator
46	PROFDEF_INV_ATTRIBUTE	Invalid attribute
47	PROFDEF_INV_LITERAL	Invalid literal
48	PROFDEF_INV_ORSTGNA	Invalid override string
49	PROFDEF_SCOPE_REQUIRED	Scope required
50	PROFDEF_USAGE_CONFLICT	Usage conflict
51	PROFDEF_NODEFS_SELECTED	No definitions selected
52	PROFDEF_MORE_THAN_1_RELSYS	More than one related system
53	PROFDEF_MISSING_RELSYSID	Missing related system identifier
54	PROFDEF_SCOPE_CONFLICT	Scope conflict
55	PROFDEF_INV_CSDGROUP	Invalid CSD group
56	PROFDEF_REC_NOT_REMOVED	Record not removed
57	PROFDEF_INV_RESOURCE	Invalid resource
58	PROFDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	PROFDEF_PARTIAL_ACTION	Partial action
60	PROFDEF_NOTHING_ACTIONED	Nothing actioned
61	PROFDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	PROFDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	PROFDEF_CSD_ERROR	CSD access error

Table 859. PROFDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	212
CHAINCONTROL	EYUDA	CPSM	4	Yes	LIKE	Outbound chaining control	NO			36
CHAINCONTROL Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				112
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		208
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				144
DVSUPRT	EYUDA	CPSM	4	Yes	LIKE	Supported devices	ALL			40
DVSUPRT Input/output valid values	<ul style="list-style-type: none"> <li>• ALL</li> <li>• NONVTAM</li> <li>• VTAM</li> </ul>									
FACILITYLIKE	CHAR	CPSM	4	No	DIFF	Facility model				202
INBFMH	EYUDA	CPSM	4	Yes	LIKE	Pass function management header (FMH) to application	NO			44
INBFMH Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• ALL</li> <li>• DIP</li> <li>• EODS</li> </ul>									
JOURNAL	CHAR	CPSM	4	No	DIFF	Journal identifier	NO	1-99		104
JOURNAL Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> </ul>									
LOGREC	EYUDA	CPSM	4	Yes	LIKE	Receive requires logical record	NO			48
LOGREC Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
MODENAME	CHAR	CPSM	8	No	DIFF	Mode name				52
MSGINTEG	EYUDA	CPSM	4	Yes	LIKE	Message response requested	NO			60
MSGINTEG Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
MSGJRNL	EYUDA	CPSM	4	Yes	LIKE	Messages to be journaled	NO			64

Table 859. PROFDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
MSGJRNL Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• INPUT</li> <li>• OUTPUT</li> <li>• INOUT</li> </ul>									
NEPCCLASS	CHAR	CPSM	4	No	DIFF	Node error program transaction class	0	0-255		92
ONEWTE	EYUDA	CPSM	4	Yes	LIKE	One write operation	NO			68
ONEWTE Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
PRINTERCOMP	EYUDA	CPSM	4	Yes	LIKE	Printer compatability option	NO			76
PRINTERCOMP Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
PROTECT	EYUDA	CPSM	4	Yes	LIKE	Output message recovery	N_A		E510+	72
PROTECT Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• N_A</li> </ul>									
RAQ	EYUDA	CPSM	4	Yes	LIKE	Read ahead queueing option	NO			80
RAQ Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
RTIMOUT	CHAR	CPSM	8	No	DIFF	Read time-out value	NO	1-7000		96
RTIMOUT Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> </ul>									
SCRNSIZE	CVDAS	CPSM	4	Yes	LIKE	Screen size	DEFAULT			88
SCRNSIZE Input/output valid values	<ul style="list-style-type: none"> <li>• DEFAULT</li> <li>• ALTERNATE</li> </ul>									
UCTRAN	EYUDA	CPSM	4	Yes	LIKE	Upper case translation	NO			84
UCTRAN Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				120
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				128
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				136



## Chapter 361. PROFILE Resource Table

A CICS Resource that identifies a profile in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is PROFILE.

The following action is supported:

### DISCARD

Remove the installed profile.

The DISCARD action requires no unique parameter data.

### External resource name(CMCI)

CICSProfile

### Object type

CICS Resource

### Length

88

### Usage

API, WUI, CICS Management Client Interface(CMCI)

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0053

### Security Class

OPERATE.PROFILE

### CICS Commands subject to CICS Security

INQUIRE PROFILE

Table 860. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 861. PROFILE resource table attributes										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved			12
PROFILE-1	CHAR	INQ	PROFILE	PROFILE	8	DIFF	Profile name			16

Table 861. PROFILE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Invalid	Offset
BASDEFINEVER	BINARY	CPSM			1	AVG	BAS resource definition version	0	E640 E650	84
CHANGEAGENT	CVDAS	INQ	PROFILE	CHANGEAGENT	4	LIKE	Last modification agent		E640 E650	24
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• SYSTEM</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>									
CHANGEAGREL	CHAR	INQ	PROFILE	CHANGEAGREL	4	DIFF	Last modification agent release		E640 E650	36
CHANGETIME	DATETIME	INQ	PROFILE	CHANGETIME	8	MAX	Last modification time		E640 E650	40
CHANGEUSRID	CHAR	INQ	PROFILE	CHANGEUSRID	8	DIFF	Last modification user ID		E640 E650	28
DEFINESOURCE	CHAR	INQ	PROFILE	DEFINESOURCE	8	DIFF	Source of the resource definition		E640 E650	48
DEFINETIME	DATETIME	INQ	PROFILE	DEFINETIME	8	MAX	Creation time		E640 E650	56
INSTALLAGENT	CVDAS	INQ			4	LIKE	Installation agent		E640 E650	80
INSTALLAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• GRPLIST</li> </ul>									
INSTALLTIME	DATETIME	INQ	PROFILE	INSTALLTIME	8	MAX	Installation time		E640 E650	72
INSTALLUSRID	CHAR	INQ	PROFILE	INSTALLUSRID	8	DIFF	Installation user ID		E640 E650	64

# Chapter 362. PROGDEF Resource Table

A CICS Definition that describes the control information for a program stored in the program library.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a Program Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionProgram

**Object type**

CICS Definition

**Length**

504

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3809

**Security Class**

OPERATE.PROGRAM

Table 862. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Table 862. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
		MODE(DYNAM, STAT)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL, REMOTE)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 863. PROGDEF FEEDBACK error codes		
Value	Code	Description
1	PROGDEF_INV_DATA	Attribute data invalid
2	PROGDEF_REC_NOT_FOUND	Requested resource not found
4	PROGDEF_REC_EXISTS	Resource already exists
5	PROGDEF_REC_CHANGED	Resource definition already changed
6	PROGDEF_INV_RESTYPE	Invalid resource type
7	PROGDEF_INV_VER	Invalid resource version
11	PROGDEF_NON_MP	Maintenance point CMAS not available
12	PROGDEF_INV_CONTEXT	Context not found
13	PROGDEF_INCONSISTENT_SET	Inconsistent set condition
14	PROGDEF_INV_RESGROUP	Resource group not found
21	PROGDEF_INV_ACTION	Invalid action
22	PROGDEF_INV_RECADDR	Invalid record address
23	PROGDEF_INV_RECLN	Invalid record length
24	PROGDEF_DIFF_VERSION	Different version
25	PROGDEF_EARLY_NAMELIST_END	Early name list end
26	PROGDEF_INV_NAMELIST	Invalid name list
27	PROGDEF_INV_NAME	Invalid name
28	PROGDEF_INV_MINNAME	Invalid minor name
29	PROGDEF_NOTIFY	Notify
30	PROGDEF_PARTIAL_INSTALL	Partial install



Table 863. PROGDEF FEEDBACK error codes (continued)

Value	Code	Description
31	PROGDEF_NOTHING_INSTALLED	Nothing installed
32	PROGDEF_NO_TARGETS	No targets
33	PROGDEF_NO_RELATED	No related systems
34	PROGDEF_INV_TSCOPE	Invalid target scope
35	PROGDEF_INV_RSCOPE	Invalid related scope
36	PROGDEF_INV_USAGE	Invalid usage
37	PROGDEF_INV_MODE	Invalid mode
38	PROGDEF_INV_STATECHK	Invalid state check
39	PROGDEF_INV_FORCEINS	Invalid force install
40	PROGDEF_INV_NOTIFY	Invalid notify
41	PROGDEF_INV_OVERTYPE	Invalid oertype
42	PROGDEF_INV_OVRBLOCK	Invalid override block
43	PROGDEF_INV_ORSTRING	Invalid override string
44	PROGDEF_INV_STRNGTERM	Invalid string term
45	PROGDEF_INV_EMBEDTERM	Invalid embedded terminator
46	PROGDEF_INV_ATTRIBUTE	Invalid attribute
47	PROGDEF_INV_LITERAL	Invalid literal
48	PROGDEF_INV_ORSTGNA	Invalid override string
49	PROGDEF_SCOPE_REQUIRED	Scope required
50	PROGDEF_USAGE_CONFLICT	Usage conflict
51	PROGDEF_NODEFS_SELECTED	No definitions selected
52	PROGDEF_MORE_THAN_1_RELSYS	More than one related system
53	PROGDEF_MISSING_RELSYSID	Missing related system identifier
54	PROGDEF_SCOPE_CONFLICT	Scope conflict
55	PROGDEF_INV_CSDGROUP	Invalid CSD group
56	PROGDEF_REC_NOT_REMOVED	Record not removed
57	PROGDEF_INV_RESOURCE	Invalid resource
58	PROGDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	PROGDEF_PARTIAL_ACTION	Partial action
60	PROGDEF_NOTHING_ACTIONED	Nothing actioned
61	PROGDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	PROGDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	PROGDEF_CSD_ERROR	CSD access error
64	PROGDEF_JVM_CONFLICT	JVMSERVER conflicts with JVMPROFILE

Table 863. PROGDEF FEEDBACK error codes (continued)

Value	Code	Description
65	PROGDEF_JVM_MISSING	Either JVMSERVER or JVMPROFILE is required

Table 864. PROGDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	484
API	EYUDA	CPSM	4	Yes	LIKE	Application program interfaces	CICSAPI			476
API Input/output valid values	<ul style="list-style-type: none"> <li>• CICSAPI</li> <li>• OPENAPI</li> </ul>									
CEDF	EYUDA	CPSM	4	Yes	LIKE	Display execution diagnostic facility (EDF) screens	YES			36
CEDF Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CONCURRENCY	EYUDA	CPSM	4	Yes	LIKE	Concurrency status	QUASIRENT			200
CONCURRENCY Input/output valid values	<ul style="list-style-type: none"> <li>• N_A</li> <li>• QUASIRENT</li> <li>• THREADSAFE</li> <li>• REQUIRED</li> </ul>									
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				104
DATALOCATION	CVDAS	CPSM	4	Yes	LIKE	Data location	ANY			40
DATALOCATION Input/output valid values	<ul style="list-style-type: none"> <li>• BELOW</li> <li>• ANY</li> </ul>									
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		480
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				136
DYNAMIC	EYUDA	CPSM	4	Yes	LIKE	Dynamic routing status	NO			196
DYNAMIC Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
EXECKEY	CVDAS	CPSM	4	Yes	LIKE	Program execution key	USER			44
EXECKEY Input/output valid values	<ul style="list-style-type: none"> <li>• USER</li> <li>• CICS</li> </ul>									

Table 864. PROGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
EXECUTIONSET	CVDAS	CPSM	4	Yes	LIKE	API subset restriction type	FULLAPI			48
EXECUTIONSET Input/output valid values	<ul style="list-style-type: none"> <li>• FULLAPI</li> <li>• DPLSUBSET</li> </ul>									
HOTPOOL	EYUDA	CPSM	4	Yes	LIKE	Hot pooling status	NO		E640+	464
HOTPOOL Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
JVM	EYUDA	CPSM	4	Yes	LIKE	Java virtual machine (JVM) mode	NO			204
JVM Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• DEBUG</li> </ul>									
JVMCLASS	CHAR	CPSM	255	No	DIFF	Java virtual machine (JVM) class				208
JVMPROFILE	CHAR	CPSM	8	No	DIFF	Java virtual machine (JVM) profile			E680+	468
JVMSERVER	CHAR	CPSM	8	No	DIFF	Java virtual machine (JVM) server			E640 E650 E660	492
LANGUAGE	EYUDA	CPSM	4	Yes	LIKE	Language	N_A			52
LANGUAGE Input/output valid values	<ul style="list-style-type: none"> <li>• ASSEMBLER</li> <li>• C</li> <li>• COBOL</li> <li>• LE370</li> <li>• LEVSE</li> <li>• PLI</li> <li>• RPG</li> <li>• N_A</li> </ul>									
RELOAD	EYUDA	CPSM	4	Yes	LIKE	Reload new copy	NO			56
RELOAD Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
REMOTENAME	CHAR	CPSM	8	No	DIFF	Program name in remote system				76
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	Remote system name				84
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	Residence status	NO			72
RESIDENT Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
RSL	CHAR	CPSM	8	No	DIFF	Resource security value	0	0-24	E330+	92
RSL Input/output valid values	<ul style="list-style-type: none"> <li>• PUBLIC</li> </ul>									
STATUS	CVDAS	CPSM	4	Yes	LIKE	Enabled status	ENABLED			60
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>									
TRANSID	CHAR	CPSM	4	No	DIFF	Mirror transaction name for remote attach				88
USAGE	EYUDA	CPSM	4	Yes	LIKE	Program storage release	NORMAL			68

Table 864. PROGDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
USAGE Input/output valid values	<ul style="list-style-type: none"> <li>NORMAL</li> <li>TRANSIENT</li> </ul>									
USELPACOPY	EYUDA	CPSM	4	Yes	LIKE	Use program from the link pack area (LPA)	NO			64
USELPACOPY Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				112
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				120
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				128

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# Chapter 363. PROGRAM Resource Table

A CICS Resource that describes a program in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is PROGRAM.

The following actions are supported:

**DISABLE**

Disable the program.

**DISCARD**

Remove the installed program.

**ENABLE**

Enable the program.

**NEWCOPY**

Load a new copy of the program.

CICS loads the new version from the DFHRPL or dynamic LIBRARY concatenation, or uses an LPA resident version, depending on the PRIVATE or SHARED options. PRIVATE is the default setting.

**PHASEIN**

CICS will use a new copy of the program for all new transaction requests. CICS continues to use the old copy for all currently running transactions until they have finished, and have a RESCOUNT value of zero. CICS loads the new version from the DFHRPL or dynamic LIBRARY concatenation, or uses an LPA resident version, depending on the PRIVATE or SHARED options. PRIVATE is the default setting.

**RELEASE**

Release a program that is previously loaded by a LOAD command. Therefore, the issuing task can no longer use the resource unless another LOAD is issued.

These actions require no unique parameter data.

**Note:**

1. The PLATFORM, APPLICATION, APPLMAJORVER, APPLMINORVER, and APPLMICROVER parameters are all required when the GET operation is in the context of an application that is deployed on a platform.
2. The CVDA value returned by CICS for the attribute APIST(CICSAPI) conflicts with an existing CVDA value. In order to retain the attribute's uniqueness, CICSplex SM adds 8000 to the value returned by CICS. For more information about translating CVDA values, see [TRANSLATE command](#).

**External resource name(CMCI)**

CICSProgram

**Object type**

CICS Resource

**Length**

800

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0017

**Security Class**

OPERATE.PROGRAM

*Table 865. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		APPLICATION(value)	No
		APPLMAJORVER(value)	No
		APPLMICROVER(value)	No
		APPLMINORVER(value)	No
		PLATFORM(value)	No
SET		None	N/A
PERFORM SET	DISABLE	None	N/A
	DISCARD	None	N/A
	ENABLE	None	N/A
	NEWCOPY	None	N/A
	PHASEIN	None	N/A
	RELEASE	None	N/A

*Table 866. PROGRAM FEEDBACK error codes*

Value	Code	Description
1	PROGRAM_INCOMP_APPLCON	Incomplete application qualifier

*Table 867. PROGRAM resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Get Invalid	Set Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF	No	CICS System Name				0
EYU_CICSREL	CHAR	CPSM			4	DIF	No	CICS Release				8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved				12
PROGRAM-1	CHAR	INQ			8	DIF	No	Program name				16
ALOADTIME	INT16US	CPSM			4	AVG	No	Average load time				420
APIST	CVDAS	INQ	PROGRAM	APIST	4	LIKE	No	API status				460
APIST Output valid values	<ul style="list-style-type: none"><li>CICSAPI</li><li>OPENAPI</li></ul>											
APPLICATION	CHAR	INQ	PROGRAM	APPLICATION	64	DIF	No	Application Name		E640 E650 E660 E670		585

Table 867. PROGRAM resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Get Invalid	Set Invalid	Offset
APPLMAJORVER	BINARY	INQ	PROGRAM	APPLMAJORVER	4	MAX	No	Major Version		E640 E650 E660 E670		780
APPLMICROVER	BINARY	INQ	PROGRAM	APPLMICROVER	4	MAX	No	Micro Version		E640 E650 E660 E670		788
APPLMINORVER	BINARY	INQ	PROGRAM	APPLMINORVER	4	MAX	No	Minor Version		E640 E650 E660 E670		784
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650		576
CEDFSTATUS	CVDAS	INQ	PROGRAM	CEDFSTATUS	4	LIKE	Yes	CEDF status				72
CEDFSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• CEDF</li> <li>• NOCEDF</li> </ul>											
CEDFSTATUS Output valid values	<ul style="list-style-type: none"> <li>• NOTAPPLIC</li> </ul>											
CHANGEAGENT	CVDAS	INQ	PROGRAM	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650		524
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• SYSTEM</li> <li>• AUTOINSTALL</li> <li>• DYNAMIC</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>											
CHANGEAGREL	CHAR	INQ	PROGRAM	CHANGEAGREL	4	DIF	No	Last modification agent release		E640 E650		528
CHANGETIME	DATETIME	INQ	PROGRAM	CHANGETIME	8	MAX	No	Last modification time		E640 E650		536
CHANGEUSRID	CHAR	INQ	PROGRAM	CHANGEUSRID	8	DIF	No	Last modification user ID		E640 E650		516

Table 867. PROGRAM resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Get Invalid	Set Invalid	Offset
COBOLTYPE	CVDAS	INQ	PROGRAM	COBOLTYPE	4	LIKE	No	COBOL type				108
COBOLTYPE Output valid values	<ul style="list-style-type: none"> <li>• COBOL</li> <li>• COBOLII</li> <li>• NOTINIT</li> <li>• NOTAPPLIC</li> </ul>											
CONCURRENCY	CVDAS	INQ	PROGRAM	CONCURRENCY	4	LIKE	No	Concurrency option				140
CONCURRENCY Output valid values	<ul style="list-style-type: none"> <li>• THREADSAFE</li> <li>• QUASIRENT</li> <li>• REQUIRED</li> </ul>											
COPY	CVDAS	INQ	PROGRAM	COPY	4	LIKE	Yes	Newcopy required status				132
COPY Input valid values	<ul style="list-style-type: none"> <li>• NEWCOPY</li> <li>• PHASEIN</li> </ul>											
COPY Output valid values	<ul style="list-style-type: none"> <li>• REQUIRED</li> <li>• NOTREQUIRED</li> </ul>											
CURRENTLOC	EYUDA	STAT	DFHLDRDS	LDRLOCN	4	LIKE	No	CICS DSA in which current copy is located				128
CURRENTLOC Output valid values	<ul style="list-style-type: none"> <li>• NOCOPY</li> <li>• DSA</li> <li>• CDSA</li> <li>• UDSA</li> <li>• LPA</li> <li>• EDSA</li> <li>• ECDSA</li> <li>• EUDSA</li> <li>• ERDSA</li> <li>• ELPA</li> <li>• ESDSA</li> <li>• RDSA</li> <li>• SDSA</li> </ul>											
DATALOCATION	CVDAS	INQ	PROGRAM	DATALOCATION	4	LIKE	No	Data location				80
DATALOCATION Output valid values	<ul style="list-style-type: none"> <li>• BELOW</li> <li>• ANY</li> <li>• NOTAPPLIC</li> </ul>											
DEFINESOURCE	CHAR	INQ	PROGRAM	DEFINESOURCE	8	DIF	No	Source of the resource definition		E640E650		544
DEFINETIME	DATETIME	INQ	PROGRAM	DEFINETIME	8	MAX	No	Creation time		E640E650		552
DYNAMSTATUS	CVDAS	INQ	PROGRAM	DYNAMSTATUS	4	LIKE	No	Dynamic routing type				136
DYNAMSTATUS Output valid values	<ul style="list-style-type: none"> <li>• DYNAMIC</li> <li>• NOTDYNAMIC</li> </ul>											



Table 867. PROGRAM resource table attributes (continued)												
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Set Invalid	Offset
ENTRYPOINT	ADDRESS	INQ	PROGRAM	ENTRYPOINT	4	MAX	No	Program entry point				100
EXECKEY	CVDAS	INQ	PROGRAM	EXECKEY	4	LIKE	No	Program execution key				92
EXECKEY Output valid values	<ul style="list-style-type: none"> <li>CICSEXECKEY</li> <li>USEREXECKEY</li> <li>NOTAPPLIC</li> </ul>											
EXECUTIONSET	CVDAS	INQ	PROGRAM	EXECUTIONSET	4	LIKE	Yes	API subset restriction type				96
EXECUTIONSET Input/output valid values	<ul style="list-style-type: none"> <li>DPLSUBSET</li> <li>FULLAPI</li> </ul>											
EXECUTIONSET Output valid values	<ul style="list-style-type: none"> <li>NOTAPPLIC</li> </ul>											
FETCHCNT	BINARY	STAT	DFHLDRDS	LDRFC	4	AVG	No	Number of times program loaded into storage				44
FETCHTIME	INT16US	STAT	DFHLDRDS	LDRFT	4	MAX	No	Total time for all program fetches				84
HOLDSTATUS	CVDAS	INQ	PROGRAM	HOLDSTATUS	4	LIKE	No	Hold status				52
HOLDSTATUS Output valid values	<ul style="list-style-type: none"> <li>HOLD</li> <li>NOHOLD</li> <li>NOTAPPLIC</li> </ul>											
HOTPOOLING	CVDAS	INQ	PROGRAM	HOTPOOLING	4	LIKE	Yes	Hot pooling status		E640+	E640+	408
HOTPOOLING Input/output valid values	<ul style="list-style-type: none"> <li>HOTPOOL</li> <li>NOTHOTPOOL</li> </ul>											
HOTPOOLING Output valid values	<ul style="list-style-type: none"> <li>NOTAPPLIC</li> </ul>											
INSTALLAGENT	CVDAS	INQ	PROGRAM	INSTALLAGENT	4	LIKE	No	Installation agent		E640 E650		532
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>CSDAPI</li> <li>CREATESPI</li> <li>SYSTEM</li> <li>AUTOINSTALL</li> <li>DYNAMIC</li> <li>GRPLIST</li> <li>BUNDLE</li> </ul>											
INSTALLTIME	DATETIME	INQ	PROGRAM	INSTALLTIME	8	MAX	No	Installation time		E640 E650		568
INSTALLUSRID	CHAR	INQ	PROGRAM	INSTALLUSRID	8	DIFF	No	Installation user ID		E640 E650		560
JVMCLASS	CHAR	INQ	PROGRAM	JVMCLASS	255	DIFF	Yes	Java virtual machine class				152
JVMDEBUG	CVDAS	INQ	PROGRAM	JVMDEBUG	4	LIKE	Yes	Java virtual machine (JVM) debug status		E610+		148

Table 867. PROGRAM resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Set Inval id	Offset
JVMDEBUG Input/output valid values	<ul style="list-style-type: none"> <li>• DEBUG</li> <li>• NODEBUG</li> </ul>											
JVMPROFILE	CHAR	INQ	PROGRAM	JVMPROFILE	8	DIF F	Yes	Java virtual machine (JVM) profile name	DFHJVMP R	E68 0+		412
JVMSERVER	CHAR	INQ	PROGRAM	JVMSERVER	8	DIF F	No	Java virtual machine (JVM) server		E64 0 E65 0 E66 0		577
LANGUAGE	CVDAS	INQ	PROGRAM	LANGDEDUC ED	4	LIK E	No	Language				24
LANGUAGE Output valid values	<ul style="list-style-type: none"> <li>• COBOL</li> <li>• C</li> <li>• LE370</li> <li>• PLIPL1</li> <li>• ASSEMBLER</li> <li>• NOTDEFINED</li> <li>• NOTAPPLIC</li> <li>• LEVSE</li> <li>• JAVA</li> </ul>											
LENGTH	CNUMERIC	INQ	PROGRAM	LENGTH	4	MA X	No	Program length				60
LIBRARY	CHAR	INQ	PROGRAM	LIBRARY	8	DIF F	No	LIBRARY name		E64 0		464
LIBRARYDSN	CHAR	INQ	PROGRAM	LIBRARYDSN	44	DIF F	No	Load data set name		E64 0		472
LOADPOINT	ADDRESS	INQ	PROGRAM	LOADPOINT	4	MA X	No	Program load point				104
LPASTAT	CVDAS	INQ	PROGRAM	LPASTATUS	4	LIK E	No	Link pack area (LPA) status				68
LPASTAT Output valid values	<ul style="list-style-type: none"> <li>• LPA</li> <li>• NOTLPA</li> <li>• NOTAPPLIC</li> <li>• SVA</li> <li>• NOTSVA</li> </ul>											
NEWCOPYCNT	BINARY	STAT	DFHLDRDS	LDRTN	4	AVG	No	Number of NEWCOPY requests issued				28
OPERATION	CHAR	INQ	PROGRAM	OPERATION	64	DIF F	Yes	Operation Name		E64 0 E65 0 E66 0 E67 0		713
PGRJUSECOUNT	BINARY	STAT	DFHPGRDS	PGR_JVMPR OGRAM_USE COUNT	4	AVG	No	Number of times JVM program used since last reset				456
PLATFORM	CHAR	INQ	PROGRAM	PLATFORM	64	DIF F	No	Platform Name		E64 0 E65 0 E66 0 E67 0		649

Table 867. PROGRAM resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Set Invalid	Offset
PROGTYPE	CVDAS	INQ	PROGRAM	PROGTYPE	4	LIKE	No	Program type				76
PROGTYPE Output valid values	<ul style="list-style-type: none"> <li>PROGRAM</li> <li>MAP</li> <li>PARTITIONSET</li> </ul>											
REMOTENAME	CHAR	INQ	PROGRAM	REMOTENAME	8	DIF	No	Program name in remote system				112
REMOTESYSTEM	CHAR	INQ	PROGRAM	REMOTESYSTEM	4	DIF	No	Remote system name				120
REMOVECNT	BINARY	STAT	DFHLDRDS	LDRRPC	4	AVG	No	Number of times removed by program compression				88
RESCOUNT	CNUMERIC	INQ	PROGRAM	RESCOUNT	4	SUM	No	Number of times program currently accessed				40
RESIDENCY	CVDAS	INQ			4	MAX	No	Program residency		E640 E650 E660 E670 E680		792
RESIDENCY Output valid values	<ul style="list-style-type: none"> <li>RESIDENT</li> <li>NONRESIDENT</li> </ul>											
RLOADING	RATE3	CPSM			8	AVG	No	Rate of program loading				432
RPLID	BINARY	STAT	DFHLDRDS	LDRRPLO	4	AVG	No	Data set offset number				64
RREMOVAL	RATE3	CPSM			8	AVG	No	Rate of program removal				440
RUNTIME	CVDAS	INQ	PROGRAM	RUNTIME	4	LIKE	Yes	Runtime environment information				144
RUNTIME Input/output valid values	<ul style="list-style-type: none"> <li>JVM</li> </ul>											
RUNTIME Input valid values	<ul style="list-style-type: none"> <li>NOJVM</li> </ul>											
RUNTIME Output valid values	<ul style="list-style-type: none"> <li>UNKNOWN</li> <li>LE370</li> <li>NONLE370</li> <li>NOTAPPLIC</li> <li>XPLINK</li> </ul>											
RUSE	RATE3	CPSM			8	AVG	No	Rate of program use				448
SHARESTATUS	CVDAS	INQ	PROGRAM	SHARESTATUS	4	LIKE	Yes	Share status				56
SHARESTATUS Input/output valid values	<ul style="list-style-type: none"> <li>PRIVATE</li> <li>SHARED</li> </ul>											
SHARESTATUS Output valid values	<ul style="list-style-type: none"> <li>NOTAPPLIC</li> </ul>											
STATUS	CVDAS	INQ	PROGRAM	STATUS	4	LIKE	Yes	Enabled status				48

Table 867. PROGRAM resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Set Invalid	Offset
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>											
TRANSID	CHAR	INQ	PROGRAM	TRANSID	4	DIF F	No	Mirror transaction name for remote attach				124
USEAGELSTAT	BINARY	STAT	DFHLDRDS	LDRTU	4	AVG	No	Number of times program was used since last reset				36
USECOUNT	CNUMERIC	INQ	PROGRAM	USECOUNT	4	SUM	No	Total number of times program was executed				32
USEFETCH	AVERAGE3	CPSM			8	AVG	No	Average number of program uses per fetch				424

## Chapter 364. PROINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a profile definition (PROFDEF) in a resource group (RESGROUP). A PROFDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is PROFGROUP.

The **Secondary** key field for this resource class is PROFNAME.

The **Tertiary** key field for this resource class is PROFVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6153

### Security Class

BAS.DEF

Table 868. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 869. PROINGRP FEEDBACK error codes		
Value	Code	Description
1	PROINGRP_INV_DATA	Attribute data invalid
2	PROINGRP_REC_NOT_FOUND	Requested resource not found
4	PROINGRP_REC_EXISTS	Resource already exists
6	PROINGRP_INV_RESTYPE	Invalid resource type
7	PROINGRP_INV_VER	Invalid resource version
11	PROINGRP_NON_MP	Maintenance point CMAS not available

Table 869. PROINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	PROINGRP_INV_CONTEXT	Context not found
21	PROINGRP_INCONSISTENT_SET	Inconsistent set
22	PROINGRP_DIFF_VERSION	Different version
23	PROINGRP_INV_NAME	Invalid name
24	PROINGRP_INV_MINNAME	Invalid minor name

Table 870. PROINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
PROFGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
PROFNAME-2	CHAR	CPSM	8	Yes	DIFF	Profile definition name	44
PROFVER-3	BINARY	CPSM	1	Yes	AVG	Profile definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> </ul>						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 365. PRTNDEF Resource Table

A CICS Definition that describes a partition set, or display partition configuration.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a Partition Set Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionPartitionSet

**Object type**

CICS Definition

**Length**

168

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3807

**Security Class**

BAS.PROGRAM

Table 871. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Table 871. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 872. PRTNDEF FEEDBACK error codes		
Value	Code	Description
1	PRTNDEF_INV_DATA	Attribute data invalid
2	PRTNDEF_REC_NOT_FOUND	Requested resource not found
4	PRTNDEF_REC_EXISTS	Resource already exists
5	PRTNDEF_REC_CHANGED	Resource definition already changed
6	PRTNDEF_INV_RESTYPE	Invalid resource type
7	PRTNDEF_INV_VER	Invalid resource version
11	PRTNDEF_NON_MP	Maintenance point CMAS not available
12	PRTNDEF_INV_CONTEXT	Context not found
13	PRTNDEF_INCONSISTENT_SET	Inconsistent set condition
14	PRTNDEF_INV_RESGROUP	Resource group not found
21	PRTNDEF_INV_ACTION	Invalid action
22	PRTNDEF_INV_RECADDR	Invalid record address
23	PRTNDEF_INV_RECLEN	Invalid record length
24	PRTNDEF_DIFF_VERSION	Different version
25	PRTNDEF_EARLY_NAMELIST_END	Early name list end
26	PRTNDEF_INV_NAMELIST	Invalid name list
27	PRTNDEF_INV_NAME	Invalid name
28	PRTNDEF_INV_MINNAME	Invalid minor name
29	PRTNDEF_NOTIFY	Notify
30	PRTNDEF_PARTIAL_INSTALL	Partial install



Table 872. PRTNDEF FEEDBACK error codes (continued)

Value	Code	Description
31	PRTNDEF_NOTHING_INSTALLED	Nothing installed
32	PRTNDEF_NO_TARGETS	No targets
33	PRTNDEF_NO_RELATED	No related systems
34	PRTNDEF_INV_TSCOPE	Invalid target scope
35	PRTNDEF_INV_RSCOPE	Invalid related scope
36	PRTNDEF_INV_USAGE	Invalid usage
37	PRTNDEF_INV_MODE	Invalid mode
38	PRTNDEF_INV_STATECHK	Invalid state check
39	PRTNDEF_INV_FORCEINS	Invalid force install
40	PRTNDEF_INV_NOTIFY	Invalid notify
41	PRTNDEF_INV_OVERTYPE	Invalid oertype
42	PRTNDEF_INV_OVRBLOCK	Invalid override block
43	PRTNDEF_INV_ORSTRING	Invalid override string
44	PRTNDEF_INV_STRNGTERM	Invalid string term
45	PRTNDEF_INV_EMBEDTERM	Invalid embedded terminator
46	PRTNDEF_INV_ATTRIBUTE	Invalid attribute
47	PRTNDEF_INV_LITERAL	Invalid literal
48	PRTNDEF_INV_ORSTGNA	Invalid override string
49	PRTNDEF_SCOPE_REQUIRED	Scope required
50	PRTNDEF_USAGE_CONFLICT	Usage conflict
51	PRTNDEF_NODEFS_SELECTED	No definitions selected
52	PRTNDEF_MORE_THAN_1_RELSYS	More than one related system
53	PRTNDEF_MISSING_RELSYSID	Missing related system identifier
54	PRTNDEF_SCOPE_CONFLICT	Scope conflict
55	PRTNDEF_INV_CSDGROUP	Invalid CSD group
56	PRTNDEF_REC_NOT_REMOVED	Record not removed
57	PRTNDEF_INV_RESOURCE	Invalid resource
58	PRTNDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	PRTNDEF_PARTIAL_ACTION	Partial action
60	PRTNDEF_NOTHING_ACTIONED	Nothing actioned
61	PRTNDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	PRTNDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	PRTNDEF_CSD_ERROR	CSD access error

Table 873. PRTNDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	160
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				64
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		156
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				96
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	Residence status	NO			36
RESIDENT Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
RSL	CHAR	CPSM	8	No	DIFF	Resource security value	0	0-24	E330 +	52
RSL Input/output valid values	<ul style="list-style-type: none"> <li>• PUBLIC</li> </ul>									
STATUS	CVDAS	CPSM	4	Yes	LIKE	Partition set status	ENABLED			40
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>									
USAGE	EYUDA	CPSM	4	Yes	LIKE	Partition set storage release	NORMAL			44
USAGE Input/output valid values	<ul style="list-style-type: none"> <li>• NORMAL</li> <li>• TRANSIENT</li> </ul>									
USELPACOPY	EYUDA	CPSM	4	Yes	LIKE	Use copy of partition set from link pack area (LPA)	NO			48
USELPACOPY Input/ output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				72
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				80
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				88

# Chapter 366. RASGNDEF Resource Table

A CPSM Business Application Services Definition that describes how CICS Definitions of a particular resource class are assigned to and installed in a set of CICS systems.

The **Primary** key field for this resource class is RESASSGN.

**External resource name(CMCI)**

CICSResourceAssignmentDefinition

**Object type**

CICSplex SM Definition

**Length**

1280

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3520

**Security Class**

BAS.DEF

Table 874. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDTODSC	DESCCODEPAGE(value)	No
		DESCRIPTION(value)	No
		RESDESC(value)	Yes
		RESGROUP(value)	No
		RSCOPE(value)	No
		TSCOPE(value)	No

Table 875. RASGNDEF FEEDBACK error codes		
Value	Code	Description
1	RASGNDEF_INV_DATA	Attribute data invalid

Table 875. RASGNDEF FEEDBACK error codes (continued)

Value	Code	Description
2	RASGNDEF_REC_NOT_FOUND	Requested resource not found
4	RASGNDEF_REC_EXISTS	Resource already exists
5	RASGNDEF_REC_CHANGED	Resource definition already changed
6	RASGNDEF_INV_RESTYPE	Invalid resource type
11	RASGNDEF_NON_MP	Maintenance point CMAS not available
12	RASGNDEF_INV_CONTEXT	Context not found
13	RASGNDEF_INCONSISTENT_SET	Inconsistent set condition
21	RASGNDEF_INV_RECORD	Invalid record
22	RASGNDEF_INV_ACTION	Invalid action
23	RASGNDEF_INCOMPLETE_DEFSET	Incomplete definition set
24	RASGNDEF_INCONSISTENT_SCOPES	Inconsistent scopes
25	RASGNDEF_RASGNDEF_IN_USE	Resource assignment definition in use
26	RASGNDEF_INV_NAME	Name generic or blanks
27	RASGNDEF_REFASSIGN_NOTFND	Referenced resource assignment not found

Table 876. RASGNDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
RESASSGN-1	CHAR	CPSM	8	Yes	DIFF	Name			36
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/output valid values	• DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	1276
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description			1216
FILTER	CHAR	CPSM	800	No	DIFF	Filter string			96
MODE	EYUDA	CPSM	4	Yes	LIKE	Resource usage qualifier	N_A		88
MODE Input/output valid values	<ul style="list-style-type: none"> <li>• AUTO</li> <li>• DYNAM</li> <li>• EXTRA</li> <li>• INTRA</li> <li>• IND</li> <li>• STAT</li> <li>• N_A</li> </ul>								
ORSTRING	CHAR	CPSM	320	No	DIFF	Override string			896
OVERRIDE	EYUDA	CPSM	4	Yes	LIKE	Scope that override is applied to	NONE		92

Table 876. RASGNDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
OVERRIDE Input/output valid values	<ul style="list-style-type: none"> <li>BOTH</li> <li>RELATED</li> <li>TARGET</li> <li>NONE</li> </ul>								
RDEFTYPE	CHAR	CPSM	8	Yes	DIFF	Resource type			68
REFASSGN	CHAR	CPSM	8	No	DIFF	Referenced resource assignment name			76
RESGROUP	CHAR	CPSM	8	No	DIFF	Resource group			60
RSCOPE	CHAR	CPSM	8	No	DIFF	Related scope			52
TSCOPE	CHAR	CPSM	8	No	DIFF	Target scope			44
USAGE	EYUDA	CPSM	4	Yes	LIKE	Resource usage			84
USAGE Input/output valid values	<ul style="list-style-type: none"> <li>LOCAL</li> <li>REMOTE</li> </ul>								



## Chapter 367. RASINDSC Resource Table

A CPSM Business Application Services Definition that describes the membership of a resource assignment (RASGNDEF) in a resource description (RESDESC).

The **Primary** key field for this resource class is RESDESC.

The **Secondary** key field for this resource class is RESASSGN.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSResourceAssignmentInDescription

### Object type

CICSplex SM Definition

### Length

144

### Usage

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt4866

### Security Class

BAS.DEF

Table 877. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

Table 878. RASINDSC FEEDBACK error codes		
Value	Code	Description
1	RASINDSC_INV_DATA	Attribute data invalid
2	RASINDSC_REC_NOT_FOUND	Requested resource not found
4	RASINDSC_REC_EXISTS	Resource already exists
5	RASINDSC_REC_CHANGED	Resource definition already changed
6	RASINDSC_INV_RESTYPE	Invalid resource type

Table 878. RASINDSC FEEDBACK error codes (continued)

Value	Code	Description
11	RASINDSC_NON_MP	Maintenance point CMAS not available
12	RASINDSC_INV_CONTEXT	Context not found
13	RASINDSC_INCONSISTENT_SET	Inconsistent set condition
21	RASINDSC_INV_RECORD	Invalid record
22	RASINDSC_INV_ACTION	Invalid action
23	RASINDSC_INCOMPLETE_DEFSET	Incomplete definition set
24	RASINDSC_REFASSIGN_NOTFND	Referenced resource assignment not found
25	RASINDSC_INCONSISTENT_SCOPES	Inconsistent scopes
26	RASINDSC_INV_NAME	Invalid name
27	RASINDSC_INV_MINNAME	Invalid minor name

Table 879. RASINDSC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
<b>RESDESC-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource description (RESDESC) name			36
<b>RESASSGN-2</b>	CHAR	CPSM	8	Yes	DIFF	Resource assignment (RASGNDEF) name			44
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/ output valid values	• DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	136
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description			76
RESGROUP	CHAR	CPSM	8	No	DIFF	Resource group name			68
RSCOPE	CHAR	CPSM	8	No	DIFF	Related scope name			60
TSCOPE	CHAR	CPSM	8	No	DIFF	Target scope name			52



# Chapter 368. RASPROC Resource Table

A CPSM Business Application Services Manager object that describes the set of CICS Definitions to be installed in CICS systems for a particular resource assignment (RASGNDEF), if the assignment is associated with a resource description (REDESC). The CICS systems include all systems named in the target and related scopes (TARGET and RELATED) of the RASGNDEF.

This object is referenced within the scope of a CICSplex and resource assignment. As such, the resource assignment must be explicitly identified in the API GET command PARM option by coding the following text string:

```
PARM('RASGNDEF(resassign).')
```

where resassign = (Required) The name of a resource assignment.

Other parameters can also be specified, but the resource assignment name is required.

The **Primary** key field for this resource class is RESDEF.

The **Secondary** key field for this resource class is RDEFTYPE.

The **Tertiary** key field for this resource class is TSCOPE.

The **Fourth** key field for this resource class is RSCOPE.

The **Fifth** key field for this resource class is REFDEF.

The **Sixth** key field for this resource class is RESASSGN.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSResourceByAssignment

**Object type**

CICSplex SM Manager

**Length**

88

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2610

**Security Class**

BAS.DEF

Table 880. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		RASGNDEF(value)	Yes

Table 881. RASPROC FEEDBACK error codes		
Value	Code	Description
21	RASPROC_RESASSGN_NOT_FOUND	Resource assignment not found

Table 882. RASPROC resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
<b>RESDEF-1</b>	CHAR	CPSM	8	DIFF	Resource definition name	0
<b>RDEFTYPE-2</b>	CHAR	CPSM	8	DIFF	Resource definition type	8
<b>TSCOPE-3</b>	CHAR	CPSM	8	DIFF	Target scope name	16
<b>RSCOPE-4</b>	CHAR	CPSM	8	DIFF	Related scope name	24
<b>REFDEF-5</b>	CHAR	CPSM	8	DIFF	Referenced definition name	57
<b>RESASSGN-6</b>	CHAR	CPSM	8	DIFF	Resource assignment name	32
ALIAS	CHAR	CPSM	8	DIFF	Alias for remote definition	75
DEFVER	BINARY	CPSM	1	AVG	Resource definition version	56
MODE	EYUDA	CPSM	4	LIKE	Resource usage qualifier	52
MODE Output valid values	<ul style="list-style-type: none"> <li>• AUTO</li> <li>• DYNAM</li> <li>• EXTRA</li> <li>• INTRA</li> <li>• IND</li> <li>• STAT</li> </ul>					
REFTYPE	CHAR	CPSM	8	DIFF	Referenced definition type	67
REFVER	CHAR	CPSM	2	DIFF	Referenced definition version	65
RESGROUP	CHAR	CPSM	8	DIFF	Resource group name	40
USAGE	EYUDA	CPSM	4	LIKE	Resource usage type	48
USAGE Output valid values	<ul style="list-style-type: none"> <li>• LOCAL</li> <li>• REMOTE</li> </ul>					

# Chapter 369. RDSCPROC Resource Table

A CPSM Business Application Services Manager object that describes the set of CICS Definitions to be installed in CICS systems for a particular resource description (RESDESC).

This object is referenced within the scope of a CICSplex and resource description. As such, the resource description must be explicitly identified in the API GET command PARM option by coding the following text string:

```
PARM(' RESDESC(resdesc) . ')
```

where resdesc = (Required) The name of a resource description.

Other parameters can also be specified, but the resource description name is required.

The **Primary** key field for this resource class is RESDEF.

The **Secondary** key field for this resource class is RDEFTYPE.

The **Tertiary** key field for this resource class is TSCOPE.

The **Fourth** key field for this resource class is RSCOPE.

The **Fifth** key field for this resource class is REFDEF.

The **Sixth** key field for this resource class is RESDESC.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSResourceByDescription

**Object type**

CICSplex SM Manager

**Length**

96

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2609

**Security Class**

BAS.DEF

Table 883. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		RESDESC(value)	Yes

Table 884. RDSCPROC FEEDBACK error codes

Value	Code	Description
21	RDSCPROC_RESDESC_NOT_FOUND	Resource description not found

Table 885. RDSCPROC resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
<b>RESDEF-1</b>	CHAR	CPSM	8	DIFF	Resource definition name	0
<b>RDEFTYPE-2</b>	CHAR	CPSM	8	DIFF	Resource definition type	8
<b>TSCOPE-3</b>	CHAR	CPSM	8	DIFF	Target scope name	16
<b>RSCOPE-4</b>	CHAR	CPSM	8	DIFF	Related scope name	24
<b>REFDEF-5</b>	CHAR	CPSM	8	DIFF	Referenced definition name	65
<b>RESDESC-6</b>	CHAR	CPSM	8	DIFF	Resource description name	48
ALIAS	CHAR	CPSM	8	DIFF	Alias for remote definition	83
DEFVER	BINARY	CPSM	1	AVG	Resource definition version	64
MODE	EYUDA	CPSM	4	LIKE	Resource usage qualifier	60
MODE Output valid values	<ul style="list-style-type: none"> <li>• AUTO</li> <li>• DYNAM</li> <li>• EXTRA</li> <li>• INTRA</li> <li>• IND</li> <li>• STAT</li> </ul>					
REFTYPE	CHAR	CPSM	8	DIFF	Referenced definition type	75
REFVER	CHAR	CPSM	2	DIFF	Referenced definition version	73
RESASSGN	CHAR	CPSM	8	DIFF	Resource assignment name	32
RESGROUP	CHAR	CPSM	8	DIFF	Resource group name	40
USAGE	EYUDA	CPSM	4	LIKE	Resource usage type	56
USAGE Output valid values	<ul style="list-style-type: none"> <li>• LOCAL</li> <li>• REMOTE</li> </ul>					

## Chapter 370. RECOVERY Resource Table

A CICS Resource that provides recovery manager information in an active system being managed by CICSplex SM.

The RECOVERY resource class does not provide an explicit key attribute. The set of object instances returned is a function of the scope in effect when the request is made.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSRecoveryManager

**Object type**

CICS Resource

**Length**

160

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0124

**CICS Commands subject to CICS Security**

COLLECT STATISTICS

Table 886. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 887. RECOVERY resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
RMGATSHTI	INTTSTP	STAT			8	AVG	Average time UOWs shunted for indoubt failure	128
RMGATSHTR	INTTSTP	STAT			8	AVG	Average UOW commit/backout failure shunt time	144
RMGCATSHTI	INTTSTP	STAT			8	AVG	Average current UOW shunt time for indoubt failure	136
RMGCATSHTR	INTTSTP	STAT			8	AVG	Average current commit/backout failure shunt time	152

Table 887. RECOVERY resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
RMGCSHIN	BINARY	STAT	DFHRMGDS	RMGCSHIN	4	AVG	Total UOWs currently shunted for indoubt failure	32
RMGCSHRO	BINARY	STAT	DFHRMGDS	RMGCSHRO	4	AVG	Current UOWs shunted for commit/backout failure	40
RMGCSHTI	INTTSTP	STAT	DFHRMGDS	RMGCSHTI	8	MAX	Time current UOWs shunted for indoubt failure	56
RMGCSHTR	INTTSTP	STAT	DFHRMGDS	RMGCSHTR	8	MAX	Current UOW shunt time for commit/backout failure	72
RMGIAFNW	BINARY	STAT	DFHRMGDS	RMGIAFNW	4	AVG	Total of indoubt actions forced by NOWAIT option	88
RMGIAFOP	BINARY	STAT	DFHRMGDS	RMGIAFOP	4	AVG	Total of indoubt actions forced by operator	92
RMGIAFOT	BINARY	STAT	DFHRMGDS	RMGIAFOT	4	AVG	Total of indoubt actions forced by other reasons	96
RMGIAFTI	BINARY	STAT	DFHRMGDS	RMGIAFTI	4	AVG	Total of indoubt actions forced by timeout	84
RMGIAFTR	BINARY	STAT	DFHRMGDS	RMGIAFTR	4	AVG	Total indoubt actions forced by definition	80
RMGIAMIS	BINARY	STAT	DFHRMGDS	RMGIAMIS	4	AVG	Total number of indoubt action mismatches	100
RMGNW61	BINARY	STAT	DFHRMGDS	RMGNW61	4	AVG	Total indoubt actions forced by LU61 NOWAIT option	108
RMGNWMRO	BINARY	STAT	DFHRMGDS	RMGNWMRO	4	AVG	Total indoubt actions forced by MRO NOWAIT option	112
RMGNWOTH	BINARY	STAT	DFHRMGDS	RMGNWOTH	4	AVG	Total indoubt actions forced by other NOWAIT	120
RMGNWRMI	BINARY	STAT	DFHRMGDS	RMGNWRMI	4	AVG	Total indoubt actions forced by RMI NOWAIT option	116
RMGNWTD	BINARY	STAT	DFHRMGDS	RMGNWTD	4	AVG	Total indoubt actions forced by TD NOWAIT option	104
RMGRESYN	BINARY	STAT	DFHRMGDS	RMGRESYN	4	AVG	Total resynchronization requests issued	24
RMGSYBWD	BINARY	STAT	DFHRMGDS	RMGSYBWD	4	AVG	Number of SYNCPOINT ROLLBACK requests issued	20
RMGSYFWD	BINARY	STAT	DFHRMGDS	RMGSYFWD	4	AVG	Number of SYNCPOINT requests issued	16
RMGTSHIN	BINARY	STAT	DFHRMGDS	RMGTSHIN	4	AVG	Total number of UOWs shunted for indoubt failure	28
RMGTSHRO	BINARY	STAT	DFHRMGDS	RMGTSHRO	4	AVG	Total of UOWs shunted for commit/backout failure	36
RMGTSHTI	INTTSTP	STAT	DFHRMGDS	RMGTSHTI	8	MAX	Total time UOWs shunted for indoubt failure	48
RMGTSHTR	INTTSTP	STAT	DFHRMGDS	RMGTSHTR	8	MAX	Total time UOWs shunted for commit/backout failure	64

# Chapter 371. REMFILE Resource Table

A CICS Resource that describes a remote file in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is FILE.

The following action is supported:

**DISCARD**

Remove the installed Remote File

The DISCARD action requires no unique parameter data.

**External resource name(CMCI)**

CICSRemoteFile

**Object type**

CICS Resource

**Length**

136

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0010

**Security Class**

OPERATE.FILE

**CICS Commands subject to CICS Security**

EXTRACT STATISTICS

INQUIRE FILE

Table 888. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 889. REMFILE resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Description	Default	Get Inval id	Offs et
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved			12

Table 889. REMFILE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Inval id	Offset
FILE-1	CHAR	INQ	FILE	FILE	8	DIFF	File ID			16
ADDCNT	BINARY	STAT	DFHA17DS	A17DSWRA	4	AVG	Number of WRITE requests			60
BASDEFINEVER	BINARY	CPSM			1	AVG	BAS resource definition version	0	E640 E650	128
BROWSECNT	BINARY	STAT	DFHA17DS	A17DSBR	4	AVG	The number of READNEXT and READPREV requests			56
CHANGEAGENT	CVDAS	INQ	FILE	CHANGEAGENT	4	LIKE	Last modification agent		E640 E650	76
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• TABLE</li> <li>• SYSTEM</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>									
CHANGEAGREL	CHAR	INQ	FILE	CHANGEAGREL	4	DIFF	Last modification agent release		E640 E650	80
CHANGETIME	DATETIME	INQ	FILE	CHANGETIME	8	MAX	Last modification time		E640 E650	88
CHANGEUSRID	CHAR	INQ	FILE	CHANGEUSRID	8	DIFF	Last modification user ID		E640 E650	68
DEFINESOURCE	CHAR	INQ	FILE	DEFINESOURCE	8	DIFF	Source of the resource definition		E640 E650	96
DEFINETIME	DATETIME	INQ	FILE	DEFINETIME	8	MAX	Creation time		E640 E650	104
ENABLESTATUS	CVDAS	INQ	FILE	ENABLESTATUS	4	LIKE	Enable status		E330 +	36
ENABLESTATUS Output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> <li>• UNENABLED</li> <li>• DISABLING</li> <li>• NOTAPPLIC</li> </ul>									
GETCNT	BINARY	STAT	DFHA17DS	A17DSRD	4	AVG	Number of READ requests			48
GETUPDCNT	BINARY	STAT	DFHA17DS	A17DSGU	4	AVG	Number of READ UPDATE requests			52
INSTALLAGENT	CVDAS	INQ	FILE	INSTALLAGENT	4	LIKE	Installation agent		E640 E650	84
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• TABLE</li> <li>• SYSTEM</li> <li>• GRPLIST</li> </ul>									
INSTALLTIME	DATETIME	INQ	FILE	INSTALLTIME	8	MAX	Installation time		E640 E650	120
INSTALLUSRID	CHAR	INQ	FILE	INSTALLUSRID	8	DIFF	Installation user ID		E640 E650	112
KEYLENGTH	BINARY	INQ	FILE	KEYLENGTH	4	AVG	Key length			40



Table 889. REMFILE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Description	Default	Get Invalid	Offset
REMDELCNT	BINARY	STAT	DFHA17DS	A17DSDEL	4	AVG	Number of DELETE requests			44
REMOTENAME	CHAR	INQ			8	DIFF	Remote file name			24
REMOTESYSTEM	CHAR	INQ	FILE	REMOTESYSTEM	4	DIFF	Remote system name			32
UPDATECNT	BINARY	STAT	DFHA17DS	A17DSWRU	4	AVG	Number of REWRITE requests			64



# Chapter 372. REMTDQ Resource Table

A CICS Resource that describes a remote transient data queue in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is TDQUEUE.

The following action is supported:

**DISCARD**

Remove the remote transient data queue.

The DISCARD action requires no unique parameter data.

**External resource name(CMCI)**

CICSRemoteTDQueue

**Object type**

CICS Resource

**Length**

96

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0029

**Security Class**

OPERATE.TDQUEUE

**CICS Commands subject to CICS Security**

INQUIRE TDQUEUE

Table 890. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 891. REMTDQ resource table attributes										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved			12
TDQUEUE-1	CHAR	INQ	TDQUEUE	TDQUEUE	4	DIFF	Queue ID			16

Table 891. REMTDQ resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Inval id	Offset
BASDEFINEVER	BINARY	CPSM			1	AVG	BAS resource definition version	0	E640 E650	92
CHANGEAGENT	CVDAS	INQ	TDQUEUE	CHANGEAGENT	4	LIKE	Last modification agent		E640 E650	32
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• SYSTEM</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>									
CHANGEAGREL	CHAR	INQ	TDQUEUE	CHANGEAGREL	4	DIFF	Last modification agent release		E640 E650	44
CHANGETIME	DATETIME	INQ	TDQUEUE	CHANGETIME	8	MAX	Last modification time		E640 E650	48
CHANGEUSRID	CHAR	INQ	TDQUEUE	CHANGEUSRID	8	DIFF	Last modification user ID		E640 E650	36
DEFINESOURCE	CHAR	INQ	TDQUEUE	DEFINESOURCE	8	DIFF	Source of the resource definition		E640 E650	56
DEFINETIME	DATETIME	INQ	TDQUEUE	DEFINETIME	8	MAX	Creation time		E640 E650	64
INSTALLAGENT	CVDAS	INQ	TDQUEUE	INSTALLAGENT	4	LIKE	Installation agent		E640 E650	88
INSTALLAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• GRPLIST</li> <li>• SYSTEM</li> </ul>									
INSTALLTIME	DATETIME	INQ	TDQUEUE	INSTALLTIME	8	MAX	Installation time		E640 E650	80
INSTALLUSRID	CHAR	INQ	TDQUEUE	INSTALLUSRID	8	DIFF	Installation user ID		E640 E650	72
OUTCNT	BINARY	STAT			4	AVG	Number of I/O requests			28
REMOTENAME	CHAR	INQ	TDQUEUE	REMOTENAME	4	DIFF	Remote name			20
REMOTESYSTEM	CHAR	INQ			4	DIFF	Remote system			24

# Chapter 373. REMTRAN Resource Table

A CICS Resource that describes a remote transaction in an active CICS system being managed by CICSplex SM>.

The **Primary** key field for this resource class is TRANID.

The following actions are supported:

**DISABLE**

Disable the remote transaction.

**DISCARD**

Remove the remote transaction.

**ENABLE**

Enable the remote transaction.

These actions require no unique parameter data.

**External resource name(CMCI)**

CICSRemoteTransaction

**Object type**

CICS Resource

**Length**

368

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0023

**Security Class**

OPERATE.TRAN

**CICS Commands subject to CICS Security**

EXTRACT STATISTICS

INQUIRE TRANSACTION

Table 892. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISABLE	None	N/A
	DISCARD	None	N/A

Table 892. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
	ENABLE	None	N/A

Table 893. REMTRAN FEEDBACK error codes		
Value	Code	Description
1	REMTRAN_INV_DATA	Attribute data invalid

Table 894. REMTRAN resource table attributes											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
TRANID-1	CHAR	INQ	TRANSACTION	TRANSACTION	4	DIF F	No	Transaction ID			16
APPLICATION	CHAR	INQ	TRANSACTION	APPLICATION	64	DIF F	No	Application Name		E640 E650 E660 E670 E680 E690	153
APPLMAJORVER	BINARY	INQ	TRANSACTION	APPLMAJORVER	4	MAX	No	Major Version		E640 E650 E660 E670 E680 E690	348
APPLMICROVER	BINARY	INQ	TRANSACTION	APPLMICROVER	4	MAX	No	Micro Version		E640 E650 E660 E670 E680 E690	356
APPLMINORVER	BINARY	INQ	TRANSACTION	APPLMINORVER	4	MAX	No	Minor Version		E640 E650 E660 E670 E680 E690	352
AVAILSTATUS	CVDAS	INQ	TRANSACTION	AVAILSTATUS	4	LIKE	No	Availability status		E640 E650 E660 E670 E680 E690	360
AVAILSTATUS Output valid values	<ul style="list-style-type: none"> <li>• AVAILABLE</li> <li>• UNAVAILABLE</li> <li>• NONE</li> </ul>										
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	152
CHANGEAGENT	CVDAS	INQ	TRANSACTION	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650	92

Table 894. REMTRAN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Offset
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• SYSTEM</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>										
CHANGEAGREL	CHAR	INQ	TRANSACTION	CHANGEAGREL	4	DIF F	No	Last modification agent release		E640 E650	104
CHANGETIME	DATETIME	INQ	TRANSACTION	CHANGETIME	8	MAX	No	Last modification time		E640 E650	112
CHANGEUSRID	CHAR	INQ	TRANSACTION	CHANGEUSRID	8	DIF F	No	Last modification user ID		E640 E650	96
DEFINESOURCE	CHAR	INQ	TRANSACTION	DEFINESOURCE	8	DIF F	No	Source of the resource definition		E640 E650	120
DEFINETIME	DATETIME	INQ	TRANSACTION	DEFINETIME	8	MAX	No	Creation time		E640 E650	128
INSTALLAGENT	CVDAS	INQ	TRANSACTION	INSTALLAGENT	4	LIK E	No	Installation agent		E640 E650	108
INSTALLAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• SYSTEM</li> <li>• GRPLIST</li> <li>• BUNDLE</li> </ul>										
INSTALLTIME	DATETIME	INQ	TRANSACTION	INSTALLTIME	8	MAX	No	Installation time		E640 E650	144
INSTALLUSRID	CHAR	INQ	TRANSACTION	INSTALLUSRID	8	DIF F	No	Installation user ID		E640 E650	136
OPERATION	CHAR	INQ	TRANSACTION	OPERATION	64	DIF F	No	Operation Name		E640 E650 E660 E670 E680 E690	281
PLATFORM	CHAR	INQ	TRANSACTION	PLATFORM	64	DIF F	No	Platform Name		E640 E650 E660 E670 E680 E690	217
PRIORITY	BINARY	INQ	TRANSACTION	PRIORITY	4	AVG	Yes	Transaction priority			60
PROFILE	CHAR	INQ	TRANSACTION	PROFILE	8	DIF F	No	Profile name			32
PURGEABILITY	CVDAS	INQ	TRANSACTION	PURGEABILITY	4	LIK E	Yes	Purgeability status			64
PURGEABILITY Input/ output valid values	<ul style="list-style-type: none"> <li>• PURGEABLE</li> <li>• NOTPURGEABLE</li> </ul>										
REMOCECNT	BINARY	STAT	DFHXRDS	XMRDRC	4	AVG	No	Number of times transaction run remotely			52
REMOTENAME	CHAR	INQ	TRANSACTION	REMOTENAME	8	DIF F	No	Remote transaction ID			20

Table 894. REMTRAN resource table attributes (continued)											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
REMOTESYSTEM	CHAR	INQ	TRANSACTION	REMOTESYSTEM	4	DIF F	No	Remote system name			28
REMSTARTCNT	CNUMERIC	STAT	DFHXRDS	XMRRSC	4	SUM	No	Number of times transaction started			88
ROUTING	CVDAS	INQ	TRANSACTION	ROUTING	4	LIKE	No	Routing status			48
ROUTING Output valid values	<ul style="list-style-type: none"> <li>DYNAMIC</li> <li>STATIC</li> </ul>										
RTIMEOUT	BINARY	INQ	TRANSACTION	RTIMEOUT	4	AVG	No	Read timeout (seconds)			68
SCRNSIZE	CVDAS	INQ	TRANSACTION	SCRNSIZE	4	LIKE	No	Screen size			72
SCRNSIZE Output valid values	<ul style="list-style-type: none"> <li>DEFAULT</li> <li>ALTERNATE</li> </ul>										
STATUS	CVDAS	INQ	TRANSACTION	STATUS	4	LIKE	Yes	Enabled status			76
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>ENABLED</li> <li>DISABLED</li> </ul>										
TRANCLASS	CHAR	INQ	TRANSACTION	TRANCLASS	8	DIF F	Yes	Transaction class name			80
TRPROF	CHAR	INQ			8	DIF F	No	Name of transaction-routing-session profile			40
USECOUNT	BINARY	STAT	DFHXRDS	XMRAC	4	SUM	No	Number of times transaction has been used			56



## Chapter 374. REQID Resource Table

A CICS Resource that describes an outstanding interval control request in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is RSEQ.

### External resource name(CMCI)

CICSIntervalControlRequest

### Object type

CICS Resource

### Length

80

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0060

### Security Class

OPERATE.REGION

### CICS Commands subject to CICS Security

INQUIRE REQID

Table 895. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	CANCEL	None	N/A

Table 896. REQID resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>NAME-1</b>	CHAR	INQ	REQID	REQID	8	MIN	Request name	16
<b>RSEQ-2</b>	BINARY	CPSM			4	MIN	Sequence number	72
FMHSTATUS	CVDAS	INQ	REQID	FMHSTATUS	4	LIKE	Function management headers status	60

Table 896. REQID resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
FMHSTATUS Output valid values	<ul style="list-style-type: none"> <li>• FMH</li> <li>• NOFMH</li> <li>• NOTAPPLIC</li> </ul>							
INTERVAL	DECTIME	INQ	REQID	INTERVAL	4	MAX	Interval until request expires	64
QUEUE	CHAR	INQ	REQID	QUEUE	8	DIFF	QUEUE from START command that created request	52
REQTYPE	CVDAS	INQ	REQID	REQTYPE	4	LIKE	Type of command that created request	28
REQTYPE Output valid values	<ul style="list-style-type: none"> <li>• START</li> <li>• POST</li> <li>• DELAY</li> </ul>							
RTERMID	CHAR	INQ	REQID	RTERMID	4	DIFF	RTERMID from START command that created request	48
RTRANSID	CHAR	INQ	REQID	RTRANSID	4	DIFF	RTRANSID from START command that created request	44
TERMID	CHAR	INQ	REQID	TERMID	4	DIFF	TERMID from START command that created request	40
TIME	DECTIME	INQ			4	MAX	Expiration time	68
TRANSID	CHAR	INQ	REQID	TRANSID	4	DIFF	TRANSID specified by command creating request	24
USERID	CHAR	INQ	REQID	USERID	8	DIFF	Associated user ID	32

# Chapter 375. RESDESC Resource Table

A CPSM Business Application Services Definition that describes a set of logically related CICS Definitions. The set of CICS Definitions can be installed in CICS system that support EXEC CICS CREATE and named as the scope for CICSplex SM requests.

The **Primary** key field for this resource class is RESDESC.

The following actions are supported:

**INSTALL**

Install a Resource Description.

**REPLACE**

Replace a Resource Description.

The parameter data for these actions is described in Parameters for installing CICS definitions using BAS. For information about the API CREATE parameter **MODEL**, see [Creating Resource descriptions](#).

**External resource name(CMCI)**

CICSResourceDescription

**Object type**

CICSplex SM Definition

**Length**

1144

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3521

**Security Class**

BAS.DEF

Table 897. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		MODEL(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		STATECHK(YES, NO)	No

Table 897. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	REPLACE	CURRENT(value)	Yes
		FORCEINS(YES, NO)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		STATECHK(YES, NO)	No

Table 898. RESDESC FEEDBACK error codes

Value	Code	Description
1	RESDESC_INV_DATA	Attribute data invalid
2	RESDESC_REC_NOT_FOUND	Requested resource not found
4	RESDESC_REC_EXISTS	Resource already exists
5	RESDESC_REC_CHANGED	Resource definition already changed
6	RESDESC_INV_RESTYPE	Invalid resource type
11	RESDESC_NON_MP	Maintenance point CMAS not available
12	RESDESC_INV_CONTEXT	Context not found
13	RESDESC_INCONSISTENT_SET	Inconsistent set condition
21	RESDESC_INV_RECORD	Invalid record
22	RESDESC_INV_ACTION	Invalid action
23	RESDESC_INV_MODEL	Invalid model
24	RESDESC_INCOMPLETE_DEFSET	Incomplete definition set
25	RESDESC_INCONSISTENT_SCOPES	Inconsistent scopes
26	RESDESC_NOTIFY	Notify
27	RESDESC_INSRDSC_NOTFND	Install resource description not found
28	RESDESC_REPRDSC_NOTFND	Replacement resource description not found
29	RESDESC_PARTIAL_INSTALL	Partial install
30	RESDESC_NOTHING_INSTALLED	Nothing installed
31	RESDESC_NODEFS_SELECTED	No definitions selected
32	RESDESC_NO_TARGETS	No targets
33	RESDESC_INV_INSRDSC	Invalid install resource description name
34	RESDESC_INV_REPRDSC	Invalid replacement resource description name
35	RESDESC_INV_FORCEINS	Invalid force install
36	RESDESC_INV_STATECHK	Invalid state check
37	RESDESC_INV_NOTIFY	Invalid notify
38	RESDESC_INV_NAME	Name generic or blanks

Table 899. RESDESC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
<b>RESDESC-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource description name			36
ATMDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for Atom Service definitions			1014
ATMDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for Atom Service definitions			1030
ATMDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for Atom Service definitions			1022
AUTOINST	EYUDA	CPSM	4	No	LIKE	Autoinstall request type	NO		64
AUTOINST Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• YES</li> </ul>								
BUNDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for Bundle definitions			1038
BUNDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for Bundle definitions			1054
BUNDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for Bundle definitions			1046
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• DREPAPI</li> </ul>								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CONDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for connection definitions			126
CONDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for connection definitions			142
CONDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for connection definitions			134
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
D2CDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for DB2 connection definitions			510
D2CDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for DB2 connection definitions			526
D2CDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for DB2 connection definitions			518
D2EDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for DB2 entry definitions			534
D2EDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for DB2 entry definitions			550
D2EDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for DB2 entry definitions			542
D2TDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for DB2 transaction definitions			558
D2TDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for DB2 transaction definitions			574
D2TDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for DB2 transaction definitions			566
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	1136
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description			68

Table 899. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
DOCDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for document template definitions			678
DOCDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for document template definitions			694
DOCDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for document template definitions			686
EJCDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for CorbaServer definitions			846
EJCDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for CorbaServer definitions			862
EJCDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for CorbaServer definitions			854
EJDDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for CICS-deployed JAR file definitions			870
EJDDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for CICS-deployed JAR file definitions			886
EJDDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for CICS-deployed JAR file definitions			878
ENQDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for enqueue model definitions			630
ENQDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for enqueue model definitions			646
ENQDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for enqueue model definitions			638
FLEDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for file definitions			150
FLEDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for file definitions			166
FLEDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for file definitions			158
FNODEFRG	CHAR	CPSM	8	No	DIFF	Resource group for FEPI node definitions			798
FNODEFRS	CHAR	CPSM	8	No	DIFF	Related scope for FEPI node definitions			814
FNODEFTS	CHAR	CPSM	8	No	DIFF	Target scope for FEPI node definitions			806
FPODEFRG	CHAR	CPSM	8	No	DIFF	Resource group for FEPI pool definitions			750
FPODEFRS	CHAR	CPSM	8	No	DIFF	Related scope for FEPI pool definitions			766
FPODEFTS	CHAR	CPSM	8	No	DIFF	Target scope for FEPI pool definitions			758
FPRDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for FEPI property set definitions			822
FPRDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for FEPI property set definitions			838
FPRDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for FEPI property set definitions			830
FSGDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for file key segment definitions			582
FSGDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for file key segment definitions			598

Table 899. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
FSGDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for file key segment definitions			590
FTRDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for FEPI target definitions			774
FTRDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for FEPI target definitions			790
FTRDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for FEPI target definitions			782
IPCDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for IPIC connection definitions			966
IPCDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for IPIC connection definitions			982
IPCDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for IPIC connection definitions			974
JMSDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for JVM server definitions			1086
JMSDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for JVM Sever definitions			1102
JMSDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for JVM server definitions			1094
JRLDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for journal definitions			174
JRLDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for journal definitions			190
JRLDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for journal definitions			182
JRMDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for journal model definitions			198
JRMDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for journal model definitions			214
JRMDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for journal model definitions			206
LIBDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for LIBRARY definitions			990
LIBDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for LIBRARY definitions			1006
LIBDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for LIBRARY definitions			998
LSCOPE	CHAR	CPSM	8	No	DIFF	Logical scope name			44
LSRDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for LSR pool definitions			222
LSRDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for LSR pool definitions			238
LSRDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for LSR pool definitions			230
LSREGSTR	EYUDA	CPSM	4	No	LIKE	Logical scope registration	NO		60
LSREGSTR Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• YES</li> </ul>								
MAPDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for map set definitions			246
MAPDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for map set definitions			262
MAPDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for map set definitions			254

Table 899. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
MQCDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for MQ Connection definitions			1062
MQCDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for MQ Connection definitions			1078
MQCDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for MQ Connection definitions			1070
MQMDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for MQ Monitor definitions			1110
MQMDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for MQ Monitor definitions			1126
MQMDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for MQ Monitor definitions			1118
PARDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for partner definitions			270
PARDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for partner definitions			286
PARDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for partner definitions			278
PIPDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for Pipeline definitions			894
PIPDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for Pipeline definitions			910
PIPDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for Pipeline definitions			902
PRCDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for process type definitions			702
PRCDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for process type definitions			718
PRCDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for process type definitions			710
PRGDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for program definitions			342
PRGDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for program definitions			358
PRGDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for program definitions			350
PRODEFRG	CHAR	CPSM	8	No	DIFF	Resource group for profile definitions			318
PRODEFRS	CHAR	CPSM	8	No	DIFF	Related scope for profile definitions			334
PRODEFTS	CHAR	CPSM	8	No	DIFF	Target scope for profile definitions			326
PRTDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for partition set definitions			294
PRTDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for partition set definitions			310
PRTDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for partition set definitions			302
RGSCOPE	CHAR	CPSM	8	No	DIFF	Resource group scope name			52
RQMDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for request model definitions			726
RQMDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for request model definitions			742



Table 899. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
RQMDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for request model definitions			734
SESDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for session definitions			366
SESDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for session definitions			382
SESDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for session definitions			374
TCLDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for transaction class definitions			462
TCLDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for transaction class definitions			478
TCLDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for transaction class definitions			470
TCPDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for TCP/IP service definitions			654
TCPDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for TCP/IP service definitions			670
TCPDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for TCP/IP service definitions			662
TDQDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for TD queue definitions			390
TDQDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for TD queue definitions			406
TDQDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for TD queue definitions			398
TRMDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for terminal definitions			414
TRMDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for terminal definitions			430
TRMDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for terminal definitions			422
TRNDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for transaction definitions			438
TRNDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for transaction definitions			454
TRNDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for transaction definitions			446
TSMDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for TS model definitions			606
TSMDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for TS model definitions			622
TSMDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for TS model definitions			614
TYPDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for typeterm definitions			486
TYPDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for typeterm definitions			502
TYPDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for typeterm definitions			494
URIDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for URIMAP definitions			918
URIDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for URIMAP definitions			934

Table 899. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
URIDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for URIMAP definitions			926
WEBDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for WebService definitions			942
WEBDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for WebService definitions			958
WEBDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for WebService definitions			950

# Chapter 376. RESGROUP Resource Table

A CICSplex SM Business Application Services Definition that provides the association anchor for a set of CICS Definitions. References to a RESGROUP are inferred to be references to the set of associated CICS Definition instances.

The **Primary** key field for this resource class is RESGROUP.

The following actions are supported:

**INSTALL**

Install definitions from a Resource Group.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

For information on the API CREATE parameters (MODEL and MODE), see [Parameters for managing CICS Definitions](#).

**External resource name(CMCI)**

CICSResourceGroup

**Object type**

CICSplex SM Definition

**Length**

112

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3519

**Security Class**

BAS.DEF

Table 900. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		MODE(NO, ASSOCIATIONS, MEMBERS)	No
		MODEL(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	ASSIGNMENT(value)	No
		CRITERIA	No

Table 900. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		FORCEINS(YES, NO)	No
		MODE(DYNAM, STAT, INTRA, EXTRA, IND)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		REFASSIGN(value)	No
		RELATED(value)	No
		RESTYPE(ATOMDEF, BUNDDEF, CONNDEF, DB2CDEF, DB2EDEF, DB2TDEF, DOCDEF, EJCODEF, EJDJDEF, ENQMDEF, FENODDEF, FEPOODEF, FEPRODEF, FETRGDEF, FILEDEF, FSEGDEF, IPCONDEF, JRNLDEF, JRNMDEF, JVMSVDEF, LIBDEF, LSRDEF, MAPDEF, MQCONDEF, MQMONDEF, PARTDEF, PIPEDEF, PROCDEF, PROFDEF, PROGDEF, PRTNDEF, RQMDEF, SESSDEF, TCPDEF, TDQDEF, TERMDEF, TRANDEF, TRNCLDEF, TSMDEF, TYPTMDEF, URIMPDEF, WEBSVDEF)	No
		STATECHK(YES, NO)	No
		TARGET(value)	No
		USAGE(LOCAL, REMOTE)	No
	ADDTODSC	DESCCODEPAGE(value)	No
		DESCRIPTION(value)	No
		RESDESC(value)	Yes

Table 901. RESGROUP FEEDBACK error codes

Value	Code	Description
1	RESGROUP_INV_DATA	Attribute data invalid
2	RESGROUP_REC_NOT_FOUND	Requested resource not found
4	RESGROUP_REC_EXISTS	Resource already exists
5	RESGROUP_REC_CHANGED	Resource definition already changed
6	RESGROUP_INV_RESTYPE	Invalid resource type
11	RESGROUP_NON_MP	Maintenance point CMAS not available
12	RESGROUP_INV_CONTEXT	Context not found
21	RESGROUP_INV_RECORD	Invalid record
22	RESGROUP_INV_COPYRES	Invalid copy mode
23	RESGROUP_INV_MODEL	Invalid model
24	RESGROUP_INV_MODEL_REQUIRED	Model name required
25	RESGROUP_INV_MAX_VERSIONS	Invalid maximum versions
26	RESGROUP_INCOMPLETE_DEFSET	Incomplete definition set

Table 901. RESGROUP FEEDBACK error codes (continued)

Value	Code	Description
27	RESGROUP_RESGROUP_IN_USE	Resource group in use
28	RESGROUP_RASGNDEF_IN_USE	Resource assignment definition in use
29	RESGROUP_INV_NAME	Invalid name
30	RESGROUP_NOTIFY	Notify
31	RESGROUP_PARTIAL_INSTALL	Partial install
32	RESGROUP_NOTHING_INSTALLED	Nothing installed
33	RESGROUP_NO_TARGETS	No targets
34	RESGROUP_NO_RELATED	No related systems
35	RESGROUP_INV_TSCOPE	Invalid target scope
36	RESGROUP_INV_RSCOPE	Invalid related scope
37	RESGROUP_INV_USAGE	Invalid usage
38	RESGROUP_INV_MODE	Invalid mode value
39	RESGROUP_INV_STATECHK	Invalid state check
40	RESGROUP_INV_FORCEINS	Invalid force install
41	RESGROUP_INV_NOTIFY	Invalid notify
42	RESGROUP_INV_OVERTYPE	Invalid oertype
43	RESGROUP_INV_OVRBLOCK	Invalid override block
44	RESGROUP_INV_FILTER	Invalid filter
45	RESGROUP_INV_ORSTRING	Invalid override string
46	RESGROUP_INV_STRNGTERM	Invalid string terminator
47	RESGROUP_INV_EMBEDTERM	Invalid embedded terminator
48	RESGROUP_INV_ATTRIBUTE	Invalid attribute
49	RESGROUP_INV_OPERATOR	Invalid operator
50	RESGROUP_INV_LITERAL	Invalid literal
51	RESGROUP_INV_ORSTGNA	Override string not allowed
52	RESGROUP_RSCOPE_REQUIRED	Related scope required
53	RESGROUP_TSCOPE_REQUIRED	Target scope required
54	RESGROUP_USAGE_CONFLICT	Usage conflict
55	RESGROUP_REFASSGN_REQ	Referenced resource assignment required
56	RESGROUP_REFASSIGN_NOTFND	Referenced resource assignment not found
57	RESGROUP_RESTYPE_NOTINSTL	Resource type not installed
58	RESGROUP_NODEFS_SELECTED	No definitions selected
59	RESGROUP_INCOMPATIBLE_OVR	Incompatible override
60	RESGROUP_INCOMPATIBLE_FILTER	Incompatible filter
61	RESGROUP_MORE_THAN_1_RELSYS	More than one related system

Table 901. RESGROUP FEEDBACK error codes (continued)

Value	Code	Description
62	RESGROUP_MISSING_RELSYSID	Missing related system identifier
63	RESGROUP_SCOPE_CONFLICT	Scope conflict
64	RESGROUP_INV_ACTION	Invalid action
65	RESGROUP_INCONSISTENT_SET	Inconsistent set

Table 902. RESGROUP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
<b>RESGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Name			36
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/ output valid values	• DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	104
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description			44

## Chapter 377. RESINDSC Resource Table

A CPSM Business Application Services Definition that describes the membership of a resource group (RESGROUP) in a resource description (RESDESC).

The **Primary** key field for this resource class is RESDESC.

The **Secondary** key field for this resource class is RESGROUP.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSResourceGroupInDescription

### Object type

CICSplex SM Definition

### Length

120

### Usage

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt4865

### Security Class

BAS.DEF

Table 903. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

Table 904. RESINDSC FEEDBACK error codes		
Value	Code	Description
1	RESINDSC_INV_DATA	Attribute data invalid
2	RESINDSC_REC_NOT_FOUND	Requested resource not found
4	RESINDSC_REC_EXISTS	Resource already exists
5	RESINDSC_REC_CHANGED	Resource definition already changed
6	RESINDSC_INV_RESTYPE	Invalid resource type

Table 904. RESINDSC FEEDBACK error codes (continued)

Value	Code	Description
11	RESINDSC_NON_MP	Maintenance point CMAS not available
12	RESINDSC_INV_CONTEXT	Context not found
13	RESINDSC_INCONSISTENT_SET	Inconsistent set condition
21	RESINDSC_INV_RECORD	Invalid record
22	RESINDSC_INV_ACTION	Invalid action
23	RESINDSC_RESDESC_NOUPD	Resource description not updatable
24	RESINDSC_RESGROUP_NOUPD	Resource group not updatable
25	RESINDSC_INV_NAME	Invalid name
26	RESINDSC_INV_MINNAME	Invalid minor name

Table 905. RESINDSC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
<b>RESDESC-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource description name			36
<b>RESGROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name			44
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/ output valid values	• DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	112
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description			52



# Chapter 378. RESINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a resource definition in a resource group (RESGROUP). A resource definition can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is RESGROUP.

The **Secondary** key field for this resource class is DEFTYPE.

The **Tertiary** key field for this resource class is DEFNAME.

The **Fourth** key field for this resource class is DEFVER.

The following action is supported:

**REMOVE**

Remove the association between a resource definition and a resource group.

The REMOVE action requires no unique parameter data.

**External resource name(CMCI)**

CICSResourceInGroup

**Object type**

CICSplex SM Definition

**Length**

136

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt6144

**Security Class**

BAS.DEF

Table 906. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		RESGROUP(value)	No
		RESNAME(value)	No
		RESTYPE(value)	No
		RESVER(value)	No
REMOVE		None	N/A

Table 907. RESINGRP FEEDBACK error codes

Value	Code	Description
2	RESINGRP_REC_NOT_FOUND	Requested resource not found
6	RESINGRP_INV_RESTYPE	Invalid resource type
7	RESINGRP_INV_VER	Invalid resource version
11	RESINGRP_NON_MP	Maintenance point CMAS not available
12	RESINGRP_INV_CONTEXT	Context not found
23	RESINGRP_INV_NAME	Invalid name
24	RESINGRP_INV_MINNAME	Invalid minor name

Table 908. RESINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
RESGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group			36
DEFTYPE-2	CHAR	CPSM	8	Yes	DIFF	Resource definition type			44
DEFNAME-3	CHAR	CPSM	8	Yes	DIFF	Resource definition			52
DEFVER-4	BINARY	CPSM	1	Yes	AVG	Resource definition version	0	0-15	60
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> </ul>								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DEFDESC	CHAR	CPSM	58	No	DIFF	Resource definition description			61
DEFTYPEX	RESTYPE	CPSM	2	Yes	LIKE	Resource definition ID			120
INGPTYPE	CHAR	CPSM	8	Yes	LIKE	Resource in group type			122
INGPTYPX	RESTYPE	CPSM	2	Yes	LIKE	Resource in group ID			130

# Chapter 379. RPLLIST Resource Table

A CICS resource that describes a data set in the DFHRPL concatenation sequence.

The **Primary** key field for this resource class is RPLNUM.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSDFHRPLDataSet

**Object type**

CICS Resource

**Length**

64

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0018

**Security Class**

OPERATE.REGION

Table 909. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 910. RPLLIST resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>RPLNUM-1</b>	BINARY	CPSM			4	AVG	Static RPL data set position	16
DSNAME	CHAR	CPSM			44	DIFF	Static RPL data set name	20



# Chapter 380. RQMDEF Resource Table

A CICS Definition that describes a request model.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a Request Model Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionRequestModel

**Object type**

CICS Definition

**Length**

1288

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3826

**CICS Commands subject to CICS Security**

INQUIRE REQUESTMODEL

Table 911. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Table 911. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 912. RQMDEF FEEDBACK error codes		
Value	Code	Description
1	RQMDEF_INV_DATA	Attribute data invalid
2	RQMDEF_REC_NOT_FOUND	Requested resource not found
4	RQMDEF_REC_EXISTS	Resource already exists
5	RQMDEF_REC_CHANGED	Resource definition already changed
6	RQMDEF_INV_RESTYPE	Invalid resource type
7	RQMDEF_INV_VER	Invalid resource version
11	RQMDEF_NON_MP	Maintenance point CMAS not available
12	RQMDEF_INV_CONTEXT	Context not found
13	RQMDEF_INCONSISTENT_SET	Inconsistent set condition
14	RQMDEF_INV_RESGROUP	Resource group not found
21	RQMDEF_INV_ACTION	Invalid action
22	RQMDEF_INV_RECADDR	Invalid record address
23	RQMDEF_INV_RECLLEN	Invalid record length
24	RQMDEF_DIFF_VERSION	Different version
25	RQMDEF_EARLY_NAMELIST_END	Early name list end
26	RQMDEF_INV_NAMELIST	Invalid name list
27	RQMDEF_INV_NAME	Invalid name
28	RQMDEF_INV_MINNAME	Invalid minor name
29	RQMDEF_NOTIFY	Notify
30	RQMDEF_PARTIAL_INSTALL	Partial install

Table 912. RQMDEF FEEDBACK error codes (continued)

Value	Code	Description
31	RQMDEF_NOTHING_INSTALLED	Nothing installed
32	RQMDEF_NO_TARGETS	No targets
33	RQMDEF_NO_RELATED	No related systems
34	RQMDEF_INV_TSCOPE	Invalid target scope
35	RQMDEF_INV_RSCOPE	Invalid related scope
36	RQMDEF_INV_USAGE	Invalid usage
37	RQMDEF_INV_MODE	Invalid mode
38	RQMDEF_INV_STATECHK	Invalid state check
39	RQMDEF_INV_FORCEINS	Invalid force install
40	RQMDEF_INV_NOTIFY	Invalid notify
41	RQMDEF_INV_OVERTYPE	Invalid over type
42	RQMDEF_INV_OVRBLOCK	Invalid override block
43	RQMDEF_INV_ORSTRING	Invalid override string
44	RQMDEF_INV_STRNGTERM	Invalid string terminator
45	RQMDEF_INV_EMBEDTERM	Invalid embedded terminator
46	RQMDEF_INV_ATTRIBUTE	Invalid attribute
47	RQMDEF_INV_LITERAL	Invalid literal
48	RQMDEF_INV_ORSTGNA	Invalid override string
49	RQMDEF_SCOPE_REQUIRED	Scope required
50	RQMDEF_USAGE_CONFLICT	Usage conflict
51	RQMDEF_NODEFS_SELECTED	No definitions selected
52	RQMDEF_MORE_THAN_1_RELSYS	More than one related system
53	RQMDEF_MISSING_RELSYSID	Missing related system identifier
54	RQMDEF_SCOPE_CONFLICT	Scope conflict
55	RQMDEF_INV_CSDGROUP	Invalid CSD group
56	RQMDEF_REC_NOT_REMOVED	Record not removed
57	RQMDEF_INV_RESOURCE	Invalid resource
58	RQMDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	RQMDEF_PARTIAL_ACTION	Partial action
60	RQMDEF_NOTHING_ACTIONED	Nothing actioned
61	RQMDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	RQMDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	RQMDEF_CSD_ERROR	CSD access error

Table 913. RQMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	1276
BEANNAME	CHAR	CPSM	24 0	Yes	DIFF	Enterprise bean				264
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CORBASERVER	CHAR	CPSM	4	Yes	DIFF	CorbaServer				250
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				160
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		1272
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				192
INTERFACE	CHAR	CPSM	25 5	Yes	DIFF	Interface name				759
INTFACETYPE	CVDAS	CPSM	4	Yes	LIKE	Java interface type	BOTH			260
INTFACETYPE Input/ output valid values	<ul style="list-style-type: none"> <li>• HOME</li> <li>• REMOTE</li> <li>• BOTH</li> <li>• NOTAPPLIC</li> </ul>									
MODULE	CHAR	CPSM	25 5	Yes	DIFF	Module name				504
OMGINTERFACE	CHAR	CPSM	31	No	DIFF	Object management group (OMG) interface name				91
OMGMODULE	CHAR	CPSM	58	No	DIFF	Object management group (OMG) module name				33
OMGOPERATION	CHAR	CPSM	31	No	DIFF	Object management group (OMG) operation name				122
OPERATION	CHAR	CPSM	25 5	Yes	DIFF	Operation name				1014
RTYPE	CVDAS	CPSM	4	Yes	LIKE	Request model type	GENERIC			256
RTYPE Input/output valid values	<ul style="list-style-type: none"> <li>• EJB</li> <li>• CORBA</li> <li>• GENERIC</li> </ul>									
TRANSID	CHAR	CPSM	4	Yes	DIFF	CICS transaction ID				153
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				168
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				176
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				184



## Chapter 381. RQMINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a request model definition (RQMDEF) in a resource group (RESGROUP). A RQMDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is RQMGROUP.

The **Secondary** key field for this resource class is RQMNAME.

The **Tertiary** key field for this resource class is RQMVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6171

### Security Class

BAS.DEF

Table 914. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 915. RQMINGRP FEEDBACK error codes		
Value	Code	Description
1	RQMINGRP_INV_DATA	Attribute data invalid
2	RQMINGRP_REC_NOT_FOUND	Requested resource not found
4	RQMINGRP_REC_EXISTS	Resource already exists
6	RQMINGRP_INV_RESTYPE	Invalid resource type
7	RQMINGRP_INV_VER	Invalid resource version
11	RQMINGRP_NON_MP	Maintenance point CMAS not available

Table 915. RQMINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	RQMINGRP_INV_CONTEXT	Context not found
21	RQMINGRP_INCONSISTENT_SET	Inconsistent set
22	RQMINGRP_DIFF_VERSION	Different version
23	RQMINGRP_INV_NAME	Invalid name
24	RQMINGRP_INV_MINNAME	Invalid minor name

Table 916. RQMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
<b>RQMGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
<b>RQMNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Request model definition name	44
<b>RQMVER-3</b>	BINARY	CPSM	1	Yes	AVG	Request model definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

## Chapter 382. RQMODEL Resource Table

A CICS Resource that describes a request model in an active CICS system being managed by CICSplex SM. This resource is not supported in CICS TS 5.1 and later versions.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### DISCARD

Discard a request model.

The DISCARD action requires no unique parameter data.

### External resource name(CMCI)

CICSRequestModel

### Object type

CICS Resource

### Length

1232

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0098

### CICS Commands subject to CICS Security

INQUIRE REQUESTMODEL

Table 917. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 918. RQMODEL resource table attributes										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved			12
NAME-1	CHAR	INQ			8	DIFF	Request model name			16
BASDEFINEVER	BINARY	CPSM			1	AVG	BAS resource definition version	0	E640 E650	1228

Table 918. RQMODEL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Inval id	Offset
BEANNAME	CHAR	INQ	REQUESTMOD EL	BEANNAME	24 0	DIFF	Enterprise bean			160
CHANGEAGENT	CVDAS	INQ	REQUESTMOD EL	CHANGEAGEN T	4	LIKE	Last modification agent		E640 E650	116 8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• DREPBATCH</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>									
CHANGEAGREL	CHAR	INQ	REQUESTMOD EL	CHANGEAGREL	4	DIFF	Last modification agent release		E640 E650	118 0
CHANGETIME	DATETIME	INQ	REQUESTMOD EL	CHANGETIME	8	MAX	Last modification time		E640 E650	118 4
CHANGEUSRID	CHAR	INQ	REQUESTMOD EL	CHANGEUSRID	8	DIFF	Last modification user ID		E640 E650	117 2
CORBASERVER	CHAR	INQ	REQUESTMOD EL	CORBASERVER	4	DIFF	CorbaServer			148
DEFINESOURCE	CHAR	INQ	REQUESTMOD EL	DEFINESOURC E	8	DIFF	Source of the resource definition		E640 E650	119 2
DEFINETIME	DATETIME	INQ	REQUESTMOD EL	DEFINETIME	8	MAX	Creation time		E640 E650	120 0
INSTALLAGENT	CVDAS	INQ	REQUESTMOD EL	INSTALLAGEN T	4	LIKE	Installation agent		E640 E650	122 4
INSTALLAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• GRPLIST</li> </ul>									
INSTALLTIME	DATETIME	INQ	REQUESTMOD EL	INSTALLTIME	8	MAX	Installation time		E640 E650	121 6
INSTALLUSRID	CHAR	INQ	REQUESTMOD EL	INSTALLUSRID	8	DIFF	Installation user ID		E640 E650	120 8
INTERFACE	CHAR	INQ	REQUESTMOD EL	INTERFACE	25 5	DIFF	Interface name			655
INTFACETYPE	CVDAS	INQ	REQUESTMOD EL	INTFACETYPE	4	LIKE	Java interface type	BOTH		156
INTFACETYPE Output valid values	<ul style="list-style-type: none"> <li>• HOME</li> <li>• REMOTE</li> <li>• BOTH</li> <li>• NOTAPPLIC</li> </ul>									
MODULE	CHAR	INQ	REQUESTMOD EL	MODULE	25 5	DIFF	Module name			400
OMGINTERFACE	CHAR	INQ	REQUESTMOD EL	OMGINTERFAC E	31	DIFF	Object management group (OMG) interface name		E610 +	82
OMGMODULE	CHAR	INQ	REQUESTMOD EL	OMGMODULE	58	DIFF	Object management group (OMG) module name		E610 +	24
OMGOPERATION	CHAR	INQ	REQUESTMOD EL	OMGOPERATI ON	31	DIFF	Object management group (OMG) operation name		E610 +	113
OPERATION	CHAR	INQ	REQUESTMOD EL	OPERATION	25 5	DIFF	Operation name			910

Table 918. RQMODEL resource table attributes (continued)										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Invalid	Offset
RTYPE	CVDAS	INQ	REQUESTMODEL	TYPE	4	LIKE	Request model type	GENERIC		152
RTYPE Output valid values	<ul style="list-style-type: none"> <li>• EJB</li> <li>• CORBA</li> <li>• GENERIC</li> </ul>									
TRANSID	CHAR	INQ	REQUESTMODEL	TRANSID	4	DIFF	CICS transaction ID			144



# Chapter 383. RTAACTV Resource Table

A CPSM Real Time Analysis Manager object that describes the characteristics of an analysis or status definition installed in a specific CICS system.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is ACTIVETIME.

The **Tertiary** key field for this resource class is TYPE.

The following actions are supported:

**DISCARD**

Unconditionally remove the installed definition.

**DEACTIVATE**

Remove the installed definition honoring a PERIODEF.

These actions require no unique parameter data.

**External resource name(CMCI)**

CICSRTAInstalledDefinition

**Object type**

CICSplex SM Manager

**Length**

64

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2529

**Security Class**

ANALYSIS.DEF

Table 919. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	DEACTIVATE	None	N/A
	REACTIVATE	None	N/A

Table 920. RTAACTV FEEDBACK error codes

Value	Code	Description
1	RTAACTV_INV_DATA	Attribute data invalid
2	RTAACTV_REC_NOT_FOUND	Requested resource not found
21	RTAACTV_DEACT_NOT_ALLOWED	Deactivate not allowed
22	RTAACTV_REACT_NOT_ALLOWED	Reactivate not allowed

Table 921. RTAACTV resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	12
NAME-1	CHAR	CPSM	8	DIFF	Definition name	16
ACTIVETIME-2	CHAR	CPSM	8	DIFF	Period definition name	32
TYPE-3	RESTYPE	CPSM	2	LIKE	Analysis definition type (analysis or status)	56
ACTION	CHAR	CPSM	8	DIFF	Associated action name	40
CICSSYS	CHAR	CPSM	8	DIFF	CICS system name	24
RATE	BINARY	CPSM	4	AVG	Interval between evaluations (seconds)	48
STATUS	EYUDA	CPSM	4	LIKE	Definition status	52
STATUS Output valid values	<ul style="list-style-type: none"> <li>ACTIVE</li> <li>PENDING</li> </ul>					



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# Chapter 384. RTADEF Resource Table

A CPSM Real Time Analysis Definition that describes a single analysis operation for a set of evaluations. The analysis operation controls identify the evaluations to reference and information about the frequency and modes used to determine if the analysis state is TRUE.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**INSTALL**

Install the definition into each active CICS system that has Real Time Analysis active within the specified scope. If provided the PERIODEF is used to provide the valid operational time of the RTADEF.

The parameter data for the INSTALL action is:

```
PARM(' [PERIOD(period)].')
where:
period = The name of a PERIODEF definition.
```

**APINSTALL**

Install the definition into an active APSPEC.

The parameter data for the APINSTALL action is:

```
PARM(' APSPEC(spec) [PERIOD(period)].')
where:
spec   = (Required) The name of an active APSPEC.
period = The name of a PERIODEF definition.
```

The RTADEF is installed in each active CICS system in the current scope that has Real Time Analysis active. If provided, the PERIODEF is used to determine the valid operational time of the RTADEF.

**External resource name(CMCI)**

CICSRTADefinition

**Object type**

CICSplex SM Definition

**Length**

672

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3507

**Security Class**  
ANALYSIS.DEF

<i>Table 922. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	PERIOD(value)	No
		SCOPE(value)	No
	APINSTALL	APSPEC(value)	Yes
		PERIOD(value)	No
	ADDTGRP	SCOPE(value)	No
		ACTIVETIME(value)	No
		RESGROUP(value)	Yes

<i>Table 923. RTADEF FEEDBACK error codes</i>		
Value	Code	Description
1	RTADEF_INV_DATA	Attribute data invalid
2	RTADEF_REC_NOT_FOUND	Requested resource not found
3	RTADEF_INV_REFERENCE	Not found
4	RTADEF_REC_EXISTS	Resource already exists
5	RTADEF_REC_CHANGED	Resource definition already changed
6	RTADEF_INV_RESTYPE	Invalid restype
7	RTADEF_NONE_INSTALLED	None installed
8	RTADEF_PARTIAL_INSTALL	Partial install
9	RTADEF_ALREADY_INSTALLED	Already installed
10	RTADEF_NO_ACTIVE_SYSTEMS	No active systems for install
11	RTADEF_MISSING_APSPEC	Missing analysis point specification
12	RTADEF_INVALID_APSPEC_NAME	Invalid analysis point specification name
13	RTADEF_INVALID_NAMELIST	Invalid namelist
14	RTADEF_EARLY_NAMELIST_END	Early namelist end
15	RTADEF_INVALID_DEFTYPE	Invalid definition type
16	RTADEF_INVALID_TYPE	Invalid request type
17	RTADEF_INVALID_SCOPE	Invalid scope
18	RTADEF_INVALID_CONTEXT	Invalid context
19	RTADEF_NO_RECORD_FOUND	No RTA definition found for install

Table 924. RTADEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name			36
ACTION	CHAR	CPSM	8	Yes	DIFF	Action definition name			48
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> </ul>								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DESC	CHAR	CPSM	58	No	DIFF	Description			104
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	668
EVALEXPRTEXT	CHAR	CPSM	500	Yes	DIFF	Evaluation expression			162
EXEC_OPS	EYUDA	CPSM	4	Yes	LIKE	Execute evaluation modification string	NO		664
EXEC_OPS Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> <li>ALWAYS</li> </ul>								
HSENTRY	BINARY	CPSM	4	Yes	AVG	Count of true evaluations before HS raised	1	1-9999	72
HSEXIT	BINARY	CPSM	4	Yes	AVG	Count of false evaluations before HS resolved	1	1-9999	96
HWENTRY	BINARY	CPSM	4	Yes	AVG	Count of true evaluations before HW raised	1	1-9999	68
HWEXIT	BINARY	CPSM	4	Yes	AVG	Count of false evaluations before HW resolved	1	1-9999	92
LSENTRY	BINARY	CPSM	4	Yes	AVG	Count of true evaluations before LS raised	1	1-9999	60
LSEXIT	BINARY	CPSM	4	Yes	AVG	Count of false evaluations before LS resolved	1	1-9999	84
LWENTRY	BINARY	CPSM	4	Yes	AVG	Count of true evaluations before LW raised	1	1-9999	64
LWEXIT	BINARY	CPSM	4	Yes	AVG	Count of false evaluations before LW resolved	1	1-9999	88
RATE	BINARY	CPSM	4	Yes	AVG	Analysis interval	300	1-86400	44
VHSENTRY	BINARY	CPSM	4	Yes	AVG	Count of true evaluations before VHS raised	1	1-9999	76
VHSEXIT	BINARY	CPSM	4	Yes	AVG	Count of false evaluations before VHS resolved	1	1-9999	100
VLSENTRY	BINARY	CPSM	4	Yes	AVG	Count of true evaluations before VLS raised	1	1-9999	56
VLSEXIT	BINARY	CPSM	4	Yes	AVG	Count of false evaluations before VLS resolved	1	1-9999	80



# Chapter 385. RTAGROUP Resource Table

A CPSM Real Time Analysis Definition that provides the association anchor for a set of RTADEF or STATDEF definitions. References to the RTAGROUP are inferred to be references to the set of associated RTADEF or STATDEF instances.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**INSTALL**

Install the set of definition RTADEF and STATDEF instances in the group into each active CICS system that has Real Time Analysis active within the specified scope.

**APINSTALL**

Install the set of definition into an active APSPEC.

The parameter data for the APINSTALL action is:

```
PARM('APSPEC(spec).')  
  
where:  
  
spec = (Required) The name of an active APSPEC.
```

Only the set of RTADEF instances associated with the RTAGROUP are installed since an APSPEC does not support STATDEF objects.

**External resource name(CMCI)**

CICSRTAGroup

**Object type**

CICSplex SM Definition

**Length**

112

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3505

**Security Class**

ANALYSIS.DEF

Table 925. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A

Table 925. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	SCOPE(value)	No
	APIINSTALL	APSPEC(value)	Yes
		SCOPE(value)	No
	ADDTOSPC	SPEC(value)	Yes
	ADDTOAPS	SCOPE(value)	No
		SPEC(value)	Yes

Table 926. RTAGROUP FEEDBACK error codes		
Value	Code	Description
1	RTAGROUP_INV_DATA	Attribute data invalid
2	RTAGROUP_REC_NOT_FOUND	Requested resource not found
3	RTAGROUP_INV_REFERENCE	Attribute references an invalid resource
4	RTAGROUP_REC_EXISTS	Resource already exists
5	RTAGROUP_REC_CHANGED	Resource definition already changed
6	RTAGROUP_INV_RESTYPE	Invalid Restype
7	RTAGROUP_INV_VER	Invalid version
21	RTAGROUP_NONE_INSTALLED	No groups installed
22	RTAGROUP_PARTIAL_INSTALL	Partial install
23	RTAGROUP_NO_ACTIVE_SYSTEMS	No active systems
24	RTAGROUP_DUPLICATE_DEFINITION	Duplicate definition

Table 927. RTAGROUP resource table attributes									
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	RTA group			36
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> </ul>								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DESC	CHAR	CPSM	58	No	DIFF	Description			44
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	104

## Chapter 386. RTAINAPS Resource Table

A CPSM Real Time Analysis Definition that describes the membership of a real time analysis group (RTAGROUP) in an analysis point specification (APSPEC). An RTAGROUP can be a member of multiple APSPECs.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is GROUP.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSRTAGroupInAnalysisPointSpecification

### Object type

CICSplex SM Definition

### Length

64

### Usage

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt5124

### Security Class

ANALYSIS.DEF

Table 928. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 929. RTAINAPS FEEDBACK error codes		
Value	Code	Description
1	RTAINAPS_INV_DATA	Attribute data invalid
2	RTAINAPS_REC_NOT_FOUND	Requested resource not found
3	RTAINAPS_INV_REFERENCE	Attribute references an invalid resource
4	RTAINAPS_REC_EXISTS	Resource already exists
6	RTAINAPS_INV_RESTYPE	Invalid resource type

Table 929. RTAINAPS FEEDBACK error codes (continued)

Value	Code	Description
7	RTAINAPS_INV_VER	Invalid resource version

Table 930. RTAINAPS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Analysis point specification	36
GROUP-2	CHAR	CPSM	8	Yes	DIFF	RTA group	44
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16
SCOPE	CHAR	CPSM	8	No	DIFF	Scope of RTA definitions in group	52



## Chapter 387. RTAINGRP Resource Table

A CPSM Real Time Analysis Definition that describes the membership of a real time analysis definition (RTADEF) in a real time analysis group (RTAGROUP). An RTADEF can be a member of multiple RTAGROUPs.

The **Primary** key field for this resource class is GROUP.

The **Secondary** key field for this resource class is DEFNAME.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSRTAResourceInGroup

### Object type

CICSplex SM Definition

### Length

64

### Usage

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt5377

### Security Class

ANALYSIS.DEF

Table 931. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

Table 932. RTAINGRP FEEDBACK error codes		
Value	Code	Description
1	RTAINGRP_INV_DATA	Attribute data invalid
2	RTAINGRP_REC_NOT_FOUND	Requested resource not found
3	RTAINGRP_INV_REFERENCE	Attribute references an invalid resource
4	RTAINGRP_REC_EXISTS	Resource already exists

Table 932. RTAINGRP FEEDBACK error codes (continued)

Value	Code	Description
5	RTAINGRP_REC_CHANGED	Resource definition already changed
6	RTAINGRP_INV_RESTYPE	Invalid resource type

Table 933. RTAINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
GROUP-1	CHAR	CPSM	8	Yes	DIFF	RTA group	36
DEFNAME-2	CHAR	CPSM	8	Yes	DIFF	RTA definition	44
ACTIVETIME	CHAR	CPSM	8	No	DIFF	Period definition	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 388. RTAINSPC Resource Table

A CPSM Real Time Analysis Definition that describes the membership of a real-time analysis group (RTAGROUP) in a real-time analysis specification (RTASPEC). An RTAGROUP may be a member of multiple RTASPECs.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is GROUP.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSRTAGroupInSpecification

**Object type**

CICSplex SM Definition

**Length**

56

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt5122

**Security Class**

ANALYSIS.DEF

Table 934. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 935. RTAINSPC FEEDBACK error codes		
Value	Code	Description
1	RTAINSPC_INV_DATA	Attribute data invalid
2	RTAINSPC_REC_NOT_FOUND	Requested resource not found
3	RTAINSPC_INV_REFERENCE	Attribute references an invalid resource
4	RTAINSPC_REC_EXISTS	Resource already exists

Table 936. RTAINSPC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	RTA specification name	36
GROUP-2	CHAR	CPSM	8	Yes	DIFF	RTA group	44
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 389. RTASPEC Resource Table

A CPSM Real Time Analysis Definition that describes the RTA control directives for a set of CICS systems. Using group associators, an RTASPEC object can determine which RTADEF and STATDEF instances are to be installed in each CICS system. Using scope link associators (LNKSRSCS), an RTASPEC object can determine which CICS systems fall under its processing scope. A CICS system can have a scope link associator to only one RTASPEC.

The **Primary** key field for this resource class is NAME.

**External resource name(CMCI)**

CICSRTASpecification

**Object type**

CICSplex SM Definition

**Length**

192

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3512

**Security Class**

ANALYSIS.DEF

Table 937. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDSYSGRP	FORCE	No
		GROUP(value)	Yes
		INHERIT(NONE, NULL, FORCE)	No
		NONE	No
		NULL	No
	ADDSYSDEF	SYSTEM(value)	Yes

Table 938. RTASPEC FEEDBACK error codes

Value	Code	Description
1	RTASPEC_INV_DATA	Attribute data invalid
2	RTASPEC_REC_NOT_FOUND	Requested resource not found
3	RTASPEC_INV_REFERENCE	Does not exist
4	RTASPEC_REC_EXISTS	Resource already exists
5	RTASPEC_REC_CHANGED	Resource definition already changed
6	RTASPEC_INV_RESTYPE	Invalid resource type
7	RTASPEC_INV_VER	Invalid resource version
8	RTASPEC_ACTION_NOT_FOUND	Action not found
9	RTASPEC_LNKASSOC_EXISTS	Association already exists

Table 939. RTASPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	RTA specification name			36
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> </ul>								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DESC	CHAR	CPSM	58	No	DIFF	Description			116
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	176
MXTACTION	CHAR	CPSM	8	No	DIFF	Action for CICS-at-maximum-tasks event			100
MXTSEV	EYUDA	CPSM	4	No	LIKE	Severity for CICS-at-maximum-tasks event			60
MXTSEV Input/output valid values	<ul style="list-style-type: none"> <li>VLS</li> <li>LS</li> <li>LW</li> <li>HW</li> <li>HS</li> <li>VHS</li> <li>NO</li> <li>N_A</li> </ul>								
NRM ACTION	CHAR	CPSM	8	No	DIFF	Action for Non-responsive-MAS event			184
NRMSEV	EYUDA	CPSM	4	No	LIKE	Severity for Non-responsive-MAS event			180

Table 939. RTASPEC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
NRMSEV Input/output valid values	<ul style="list-style-type: none"> <li>• VLS</li> <li>• LS</li> <li>• LW</li> <li>• HW</li> <li>• HS</li> <li>• VHS</li> <li>• NO</li> <li>• N_A</li> </ul>								
SAMACTION	CHAR	CPSM	8	No	DIFF	Action for system availability monitoring event			68
SAMSEV	EYUDA	CPSM	4	No	LIKE	Severity for system availability monitoring event			44
SAMSEV Input/output valid values	<ul style="list-style-type: none"> <li>• VLS</li> <li>• LS</li> <li>• LW</li> <li>• HW</li> <li>• HS</li> <li>• VHS</li> <li>• NO</li> <li>• N_A</li> </ul>								
SDMACTION	CHAR	CPSM	8	No	DIFF	Action for system dump event			84
SDMSEV	EYUDA	CPSM	4	No	LIKE	Severity for system dump event			52
SDMSEV Input/output valid values	<ul style="list-style-type: none"> <li>• VLS</li> <li>• LS</li> <li>• LW</li> <li>• HW</li> <li>• HS</li> <li>• VHS</li> <li>• NO</li> <li>• N_A</li> </ul>								
SOSACTION	CHAR	CPSM	8	No	DIFF	Action for short on storage (SOS) event			76
SOSSEV	EYUDA	CPSM	4	No	LIKE	Severity for short on storage (SOS) event			48
SOSSEV Input/output valid values	<ul style="list-style-type: none"> <li>• VLS</li> <li>• LS</li> <li>• LW</li> <li>• HW</li> <li>• HS</li> <li>• VHS</li> <li>• NO</li> <li>• N_A</li> </ul>								
STLACTION	CHAR	CPSM	8	No	DIFF	Action for CICS-stalled event			108
STLSEV	EYUDA	CPSM	4	No	LIKE	Severity for CICS-stalled event			64

Table 939. RTASPEC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
STLSEV Input/output valid values	<ul style="list-style-type: none"> <li>• VLS</li> <li>• LS</li> <li>• LW</li> <li>• HW</li> <li>• HS</li> <li>• VHS</li> <li>• NO</li> <li>• N_A</li> </ul>								
TDMACTION	CHAR	CPSM	8	No	DIFF	Action for transaction dump event			92
TDMSEV	EYUDA	CPSM	4	No	LIKE	Severity for transaction dump event			56
TDMSEV Input/output valid values	<ul style="list-style-type: none"> <li>• VLS</li> <li>• LS</li> <li>• LW</li> <li>• HW</li> <li>• HS</li> <li>• VHS</li> <li>• NO</li> <li>• N_A</li> </ul>								



## Chapter 390. RULE Resource Table

This CICS resource object provides information about policy rules.

The **Primary** key field for this resource class is POLICYSET.

The **Secondary** key field for this resource class is POLICY.

The **Tertiary** key field for this resource class is RULE.

There are no object specific actions for this resource class.

**Restriction:** The RACF® security profiles do not support the RULE resource; consequently, security checks do not apply to policy query operations.

**External resource name(CMCI)**

CICSRule

**Object type**

CICS Resource

**Length**

920

**Usage**

API, CICS Management Client Interface(CMCI)

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0215

**Security Class**

null.null

Table 940. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		APPLICATION(value)	No
		APPLMAJORVER(value)	No
		APPLMICROVER(value)	No
		APPLMINORVER(value)	No
		OPERATION(value)	No
		PLATFORM(value)	No
		POLICY(value)	No
		POLICYSET(value)	No
		RULE(value)	No

Table 941. RULE FEEDBACK error codes

Value	Code	Description
21	RULE_NO_DATA	No data to return
22	RULE_INV_PLATFORM	Platform name is invalid
23	RULE_INV_APPLICATION	Application name is invalid
24	RULE_INV_MAJVER	Application major version is invalid
25	RULE_INV_MINVER	Application minor version is invalid
26	RULE_INV_MICVER	Application micro version is invalid
27	RULE_INV_OPERATION	Operation name is invalid
28	RULE_INV_POLICY	Policy name is invalid
29	RULE_INV_RULE	Rule name is invalid

Table 942. RULE resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>POLICYSET-1</b>	CHAR	INQ			12	DIFF	Policy set	200
<b>POLICY-2</b>	CHAR	INQ			64	DIFF	Policy name	212
<b>RULE-3</b>	CHAR	INQ			64	DIFF	Policy Rule	16
ABCODE	CHAR	INQ			4	DIFF	Abend code	836
ACTION	EYUDA	INQ			4	DIFF	Action	196
ACTION Input/output valid values	<ul style="list-style-type: none"> <li>• ABEND</li> <li>• EVENT</li> <li>• MESSAGE</li> <li>• REJECT</li> <li>• WLMHEALTH</li> </ul>							
BASEAPMAJVER	BINARY	INQ			4	MAX	Base application major version	756
BASEAPMICVER	BINARY	INQ			4	MAX	Base application micro version	764
BASEAPMINVER	BINARY	INQ			4	MAX	Base application minor version	760
BASEAPPLICTN	CHAR	INQ			64	DIFF	Base application name	692
BASELEVEL	EYUDA	INQ			4	DIFF	Base level	624
BASELEVEL Input/output valid values	<ul style="list-style-type: none"> <li>• APPLICATION</li> <li>• APPLMAJVER</li> <li>• APPLMICVER</li> <li>• APPLMINVER</li> <li>• OPERATION</li> <li>• PLATFORM</li> <li>• REGION</li> </ul>							
BASEOPERATN	CHAR	INQ			64	DIFF	Operation name	768
BASEPLATFORM	CHAR	INQ			64	DIFF	Base platform name	628
BUNDLE	CHAR	INQ			8	DIFF	Bundle Name	284

Table 942. RULE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
BUNDLEDIR	CHAR	INQ			255	DIFF	Bundle directory name	368
BUNDLEID	CHAR	INQ			64	DIFF	Bundle ID	292
BUNDLEMAJVER	BINARY	INQ			4	DIFF	Bundle major version	356
BUNDLEMICVER	BINARY	INQ			4	DIFF	Bundle micro version	364
BUNDLEMINVER	BINARY	INQ			4	DIFF	Bundle minor version	360
CHANGEAGENT	CV DAS	INQ			4	LIKE	Last modification agent	80
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• NOTAPPLIC</li> </ul>							
CHANGEAGREL	CHAR	INQ			4	DIFF	Last modification agent release	84
CHANGETIME	DATETIME	INQ			8	MAX	Last modification time	112
CHANGEUSRID	CHAR	INQ			8	DIFF	Last modification user ID	88
COUNT	BINARY	INQ			4	MAX	Action count	832
DEFINESOURCE	CHAR	INQ			8	DIFF	Source of the resource definition	96
DEFINETIME	DATETIME	INQ			8	MAX	Creation time	104
EPADAPTER	CHAR	INQ			32	DIFF	EP adapter name	880
EPADAPTERSET	CHAR	INQ			32	DIFF	EP adapter set name	848
INSTALLAGENT	CV DAS	INQ			4	DIFF	Installation agent	128
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• BUNDLE</li> </ul>							
INSTALLTIME	DATETIME	INQ			8	MAX	Installation time	120
INSTALLUSRID	CHAR	INQ			8	DIFF	Installation user ID	132
OPENSTATUS	EYUDA	INQ			4	LIKE	WLM Health OPENSTATUS value	916
OPENSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• CLOSED</li> <li>• IMMCLOSE</li> <li>• OPEN</li> <li>• NOTAPPLIC</li> </ul>							
OPERATOR	EYUDA	INQ			4	DIFF	Test operator	172
OPERATOR Input/output valid values	<ul style="list-style-type: none"> <li>• GT</li> <li>• NOTAPPLIC</li> </ul>							
RULEGROUP	EYUDA	INQ			4	LIKE	Rule group	912
RULEGROUP Input/output valid values	<ul style="list-style-type: none"> <li>• TASK</li> <li>• SYSTEM</li> </ul>							
RULEITEM	CHAR	INQ			16	DIFF	Rule item name	156
RULETYPE	CHAR	INQ			16	DIFF	Rule type	140
THRESHOLD	CNUMERIC	INQ			8	MAX	Actual threshold value	184
TIME	DATETIME	INQ			8	MAX	Last action time	840
UNIT	EYUDA	INQ			4	DIFF	Unit qualifier	192

Table 942. RULE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
UNIT Input/output valid values	<ul style="list-style-type: none"> <li>• BYTE</li> <li>• KILOBYTE</li> <li>• MEGABYTE</li> <li>• GIGABYTE</li> <li>• THOUSAND</li> <li>• SECOND</li> <li>• MILLISECOND</li> <li>• MICROSECOND</li> <li>• NONE</li> <li>• NOTAPPLIC</li> </ul>							
USERTAG	CHAR	INQ			8	DIFF	User tag	276
VALUE	CNUMERIC	INQ			8	MAX	Specified threshold value	176

## Chapter 391. SESINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a session definition (SESSDEF) in a resource group (RESGROUP). A SESSDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is SESSGROUP.

The **Secondary** key field for this resource class is SESSNAME.

The **Tertiary** key field for this resource class is SESSVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6155

### Security Class

BAS.DEF

Table 943. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 944. SESINGRP FEEDBACK error codes		
Value	Code	Description
1	SESINGRP_INV_DATA	Attribute data invalid
2	SESINGRP_REC_NOT_FOUND	Requested resource not found
4	SESINGRP_REC_EXISTS	Resource already exists
6	SESINGRP_INV_RESTYPE	Invalid resource type
7	SESINGRP_INV_VER	Invalid resource version
11	SESINGRP_NON_MP	Maintenance point CMAS not available

Table 944. SESINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	SESINGRP_INV_CONTEXT	Context not found
21	SESINGRP_INCONSISTENT_SET	Inconsistent set
22	SESINGRP_DIFF_VERSION	Different version
23	SESINGRP_INV_NAME	Invalid name
24	SESINGRP_INV_MINNAME	Invalid minor name

Table 945. SESINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
SESSGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
SESSNAME-2	CHAR	CPSM	8	Yes	DIFF	Session definition name	44
SESSVER-3	BINARY	CPSM	1	Yes	AVG	Session definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 392. SESSDEF Resource Table

A CICS Definition that describes a session, which is a logical link between connected systems.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

**External resource name(CMCI)**  
CICSDefinitionSession

**Object type**  
CICS Definition

**Length**  
488

**Usage**  
API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**  
No

**CMAS context**  
No

**SCOPE applies**  
No

**Only query CMASs in workload**  
No

**Copybook identifier**  
EYUt3810

**Security Class**  
BAS.CONNECT

Table 946. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	ADDTGRP	RESGROUP(value)	Yes
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 947. SESSDEF FEEDBACK error codes

Value	Code	Description
1	SESSDEF_INV_DATA	Attribute data invalid
2	SESSDEF_REC_NOT_FOUND	Requested resource not found
4	SESSDEF_REC_EXISTS	Resource already exists
5	SESSDEF_REC_CHANGED	Resource definition already changed
6	SESSDEF_INV_RESTYPE	Invalid resource type
7	SESSDEF_INV_VER	Invalid resource version
11	SESSDEF_NON_MP	Maintenance point CMAS not available
12	SESSDEF_INV_CONTEXT	Context not found
13	SESSDEF_INCONSISTENT_SET	Inconsistent set condition
14	SESSDEF_INV_RESGROUP	Resource group not found
21	SESSDEF_INV_ACTION	Invalid action
22	SESSDEF_INV_RECADDR	Invalid record address
23	SESSDEF_INV_RECLEN	Invalid record length
24	SESSDEF_DIFF_VERSION	Different version
25	SESSDEF_EARLY_NAMELIST_END	Early name list end
26	SESSDEF_INV_NAMELIST	Invalid name list
27	SESSDEF_INV_NAME	Invalid name
28	SESSDEF_INV_MINNAME	Invalid minor name
29	SESSDEF_INV_CSDGROUP	Invalid CSD group
30	SESSDEF_REC_NOT_REMOVED	Record not removed
31	SESSDEF_INV_RESOURCE	Invalid resource
32	SESSDEF_INV_CICS_RESTYPE	Invalid CICS restype
33	SESSDEF_PARTIAL_ACTION	Partial action
34	SESSDEF_NOTHING_ACTIONED	Nothing actioned
35	SESSDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
36	SESSDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
37	SESSDEF_CSD_ERROR	CSD access error

Table 948. SESSDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	480
AUTOCONNECT	EYUDA	CPSM	4	Yes	LIKE	Autoconnect option	NO			36



Table 948. SESSDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
AUTOCONNECT Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• ALL</li> </ul>									
BUILDCHAIN	EYUDA	CPSM	4	Yes	LIKE	Chain assembly required	YES			40
BUILDCHAIN Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CONNECTION	CHAR	CPSM	4	Yes	DIFF	Connection definition name				44
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				184
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		476
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				216
DISCREQ	EYUDA	CPSM	4	Yes	LIKE	Honor disconnect requests	NO			48
DISCREQ Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
INSERVICE	EYUDA	CPSM	4	Yes	LIKE	Session inservice	N_A		E330 +	148
INSERVICE Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• N_A</li> </ul>									
IOAREALEN	CHAR	CPSM	8	No	DIFF	Minimum terminal input output area (TIOA) size	0	0-32767		52
IOAREALEN2	CHAR	CPSM	8	No	DIFF	Alternate terminal input output area (TIOA) size	0	0-32767		60
MAXCTWIN	CHAR	CPSM	4	No	DIFF	Maximum number of contention winner sessions		0-999		72
MAXINGRP	CHAR	CPSM	4	No	DIFF	Maximum number of sessions in the group		0-999		68
MODENAME	CHAR	CPSM	8	No	DIFF	Mode name				76
NEPCCLASS	CHAR	CPSM	4	No	DIFF	Network error program transaction class	0	0-255		84
NETNAMEQ	CHAR	CPSM	8	No	DIFF	Name IMS system uses to identify session				88
OPERID	CHAR	CPSM	3	No	DIFF	Operator identifier			E330 +	180
OPERPRIORITY	CHAR	CPSM	4	No	DIFF	Operator priority	0	0-255	E330 +	144
OPERRSL	CHAR	CPSM	50	No	DIFF	Operator resource security keys			E330 +	274

Table 948. SESSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
OPERSEC	CHAR	CPSM	150	No	DIFF	Operator transaction security keys			E330+	324
PARTCODEPAGE	CHAR	CPSM	8	No	DIFF	Partner code page	0	0-65534	EALL	160
PROTOCOL	CVDAS	CPSM	4	Yes	LIKE	Intercommunication link protocol	APPC			96
PROTOCOL Input/output valid values	<ul style="list-style-type: none"> <li>• APPC</li> <li>• EXCI</li> <li>• LU61</li> <li>• NOTAPPLIC</li> </ul>									
RECEIVECOUNT	CHAR	CPSM	4	No	DIFF	Receive count		1-999		100
RECEIVEPFX	CHAR	CPSM	2	No	DIFF	Receive prefix				176
RECEIVESIZE	CHAR	CPSM	8	No	DIFF	Receive buffer size	4096	1-30720		104
RECOVNOTIFY	EYUDA	CPSM	4	Yes	LIKE	XRF recovery notification option	N_A		E410+	116
RECOVNOTIFY Input/output valid values	<ul style="list-style-type: none"> <li>• NONE</li> <li>• MESSAGE</li> <li>• TRANSACTION</li> <li>• N_A</li> </ul>									
RECOVOPTION	EYUDA	CPSM	4	Yes	LIKE	Recovery option	SYSDEFAULT			112
RECOVOPTION Input/output valid values	<ul style="list-style-type: none"> <li>• SYSDEFAULT</li> <li>• CLEARCONV</li> <li>• NONE</li> <li>• RELEASESESS</li> <li>• UNCONDREL</li> </ul>									
RELREQ	EYUDA	CPSM	4	Yes	LIKE	Honor release requests	NO			120
RELREQ Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
SENDCOUNT	CHAR	CPSM	4	No	DIFF	Send count		1-999		124
SENDPFX	CHAR	CPSM	2	No	DIFF	Send prefix				178
SENDSIZE	CHAR	CPSM	8	No	DIFF	Send buffer size	4096	1-30720		128
SESSNAME	CHAR	CPSM	4	No	DIFF	Session name				136
SESSPRIORITY	CHAR	CPSM	4	No	DIFF	Session priority	0	0-255		140
TRANSACTION	CHAR	CPSM	4	No	DIFF	Transaction to be initiated from device			E330+	152
USERAREALEN	CHAR	CPSM	4	No	DIFF	User area size	0	0-255		156
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				192
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				200
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				208
USERID	CHAR	CPSM	8	No	DIFF	User signon ID				168

## Chapter 393. SMFJRNL Resource Table

A CICS Resource that describes an SMF type journal in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is JOURNALNUM.

There are no object specific actions for this resource class.

### Object type

CICS Resource

### Length

40

### Usage

EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0014

### Security Class

OPERATE.JOURNAL

### CICS Commands subject to CICS Security

EXTRACT STATISTICS

INQUIRE JOURNALNUM

Table 949. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

Table 950. SMFJRNL resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	12
<b>JOURNALNUM-1</b>	BINARY	INQ	JOURNALNUM	JOURNALNUM	2	AVG	No	Journal number	16
AVGSIZE	BINARY	STAT	DFHA13DS	A13ABS	2	AVG	No	Average block size	18
BLKWRCNT	DECIMAL	STAT	DFHA13DS	A13PBC	4	AVG	No	Number of blocks written	24
BUFULLCNT	DECIMAL	STAT	DFHA13DS	A13BFC	3	AVG	No	Number of times buffer was full	33
OPENSTATUS	CVDAS	INQ			4	LIKE	Yes	Open status	20

Table 950. SMFJRN resource table attributes (continued)									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
OPENSTATUS Output valid values	<ul style="list-style-type: none"> <li>• OPENOUTPUT</li> <li>• CLOSED</li> </ul>								
RECWRCNT	DECIMAL	STAT	DFHA13DS	A13LRC	5	AVG	No	Number of records written	28

## Chapter 394. STAINGRP Resource Table

A CPSM Real Time Analysis Definition that describes the membership of a status definition (STATDEF) in a real-time analysis group (RTAGROUP). A STATDEF can be a member of multiple RTAGROUPs.

The **Primary** key field for this resource class is GROUP.

The **Secondary** key field for this resource class is DEFNAME.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSRTAStatusDefinitionInGroup

### Object type

CICSplex SM Definition

### Length

64

### Usage

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt5381

### Security Class

ANALYSIS.DEF

Table 951. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

Table 952. STAINGRP FEEDBACK error codes		
Value	Code	Description
1	STAINGRP_INV_DATA	Attribute data invalid
2	STAINGRP_REC_NOT_FOUND	Requested resource not found
3	STAINGRP_INV_REFERENCE	Attribute references an invalid resource
4	STAINGRP_REC_EXISTS	Resource already exists
5	STAINGRP_REC_CHANGED	Resource definition already changed

Table 952. STAINGRP FEEDBACK error codes (continued)

Value	Code	Description
6	STAINGRP_INV_RESTYPE	Invalid resource type

Table 953. STAINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
GROUP-1	CHAR	CPSM	8	Yes	DIFF	RTA group	36
DEFNAME-2	CHAR	CPSM	8	Yes	DIFF	Status definition	44
ACTIVETIME	CHAR	CPSM	8	No	DIFF	Period definition	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> </ul>						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 395. STATDEF Resource Table

A CPSM Real Time Analysis Definition that describes a site-defined status probe program to be run in a CICS system as part of Real Time Analysis processing.

The **Primary** key field for this resource class is NAME.

The following action is supported:

## INSTALL

Install the definition into each active CICS system that has Real Time Analysis active within the specified scope. If provided the PERIODEF is used to provide the valid operational time of the STATDEF.

The parameter data for the INSTALL action is:

```
PARM(' [PERIOD(period)] .')  
  
where:  
  
period = The name of a PERIODEF definition.
```

The STATDEF is installed in each active CICS system in the current scope that has Real Time Analysis active. If provided, the PERIODEF is used to determine the valid operational time of the STATDEF.

## External resource name(CMCI)

CICSRTASStatusDefinition

## Object type

CICSplex SM Definition

## Length

192

## Usage

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

## API view

No

## CMAS context

No

## SCOPE applies

No

## Only query CMASs in workload

No

## Copybook identifier

EYUt3516

## Security Class

ANALYSIS.DEF

Table 954. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

Table 954. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
PERFORM SET	INSTALL	PERIOD(value)	No
		SCOPE(value)	No
	ADDTGRP	ACTIVETIME(value)	No
		RESGROUP(value)	Yes

Table 955. STATDEF FEEDBACK error codes		
Value	Code	Description
1	STATDEF_INV_DATA	Attribute data invalid
2	STATDEF_REC_NOT_FOUND	Requested resource not found
3	STATDEF_INV_REFERENCE	Attribute references an invalid resource
4	STATDEF_REC_EXISTS	Resource already exists
5	STATDEF_REC_CHANGED	Resource definition already changed
6	STATDEF_INV_RESTYPE	Invalid resource type
21	STATDEF_NONE_INSTALLED	None installed
22	STATDEF_PARTIAL_INSTALL	Partial install
23	STATDEF_NO_ACTIVE_SYSTEMS	No active systems

Table 956. STATDEF resource table attributes									
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name			36
ACTION	CHAR	CPSM	8	No	DIFF	Action definition name			56
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/ output valid values	• DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DESC	CHAR	CPSM	58	No	DIFF	Description			124
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	184
FREQ	BINARY	CPSM	4	Yes	AVG	Interval between calls to status program (seconds)	300	1-86400	44
HSEENTRY	BINARY	CPSM	4	Yes	AVG	Evaluation count with HS true before event	1	1-9999	80
HSEXIT	BINARY	CPSM	4	Yes	AVG	Evaluation count with HS false before resolution	1	1-9999	104
HWENTRY	BINARY	CPSM	4	Yes	AVG	Evaluation count with HW true before event	1	1-9999	76
HWEXIT	BINARY	CPSM	4	Yes	AVG	Evaluation count with HW false before resolution	1	1-9999	100
LSEENTRY	BINARY	CPSM	4	Yes	AVG	Evaluation count with LS true before event	1	1-9999	68



Table 956. STATDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
LSEXIT	BINARY	CPSM	4	Yes	AVG	Evaluation count with LS false before resolution	1	1-9999	92
LWENTRY	BINARY	CPSM	4	Yes	AVG	Evaluation count with LW true before event	1	1-9999	72
LWEXIT	BINARY	CPSM	4	Yes	AVG	Evaluation count with LW false before resolution	1	1-9999	96
STATPGM	CHAR	CPSM	8	No	DIFF	Status program name			48
TRANID	CHAR	CPSM	4	No	DIFF	Transaction ID for task			120
USERID	CHAR	CPSM	8	No	DIFF	User ID for task			112
VHENTRY	BINARY	CPSM	4	Yes	AVG	Evaluation count with VHS true before event	1	1-9999	84
VHSEXIT	BINARY	CPSM	4	Yes	AVG	Evaluation count with VHS false before resolution	1	1-9999	108
VLSEENTRY	BINARY	CPSM	4	Yes	AVG	Evaluation count with VLS true before event	1	1-9999	64
VLSEXIT	BINARY	CPSM	4	Yes	AVG	Evaluation count with VLS false before resolution	1	1-9999	88



## Chapter 396. STREAMNM Resource Table

A CICS Resource that describes an MVS log stream used by an active system running CICS Transaction Server and being managed by CICSplex SM.

The **Primary** key field for this resource class is STREAMNAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSMVSLogStream

**Object type**

CICS Resource

**Length**

160

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0078

**Security Class**

OPERATE.JOURNAL

Table 957. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

Table 958. STREAMNM resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF	No	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIF	No	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		12
<b>STREAMNAME-1</b>	CHAR	INQ			26	DIF	No	MVS log stream		16
AUTODEL	EYUDA	STAT	DFHLGSDS	LGSAUTOD	4	LIKE	No	Auto-delete option		132
AUTODEL Output valid values	<ul style="list-style-type: none"><li>• YES</li><li>• NO</li></ul>									

Table 958. STREAMNM resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Offset
BRWREAD	BINARY	STAT	DFHLGSDS	LGSBRWREAD	4	AVG	No	Number of reads from log		88
BRWSTRT	BINARY	STAT	DFHLGSDS	LGSBRWSTRT	4	AVG	No	Number of log browse starts		84
BUFAPPNDRQ	BINARY	STAT	DFHLGSDS	LGSBUFAPP	4	AVG	No	Number of buffer append requests		100
BUFFWAIT	BINARY	STAT	DFHLGSDS	LGSBUFFWAIT	4	AVG	No	Number of waits due to buffer being full		80
BYTES	BINARY	STAT	DFHLGSDS	LGSBYTES	8	AVG	No	Total number of bytes written		60
CUFWTRS	BINARY	STAT	DFHLGSDS	LGSCUFWTRS	4	AVG	No	Current number of tasks waiting for buffer flush		68
DASDONLY	EYUDA	STAT	DFHLGSDS	LGSDONLY	4	LIKE	No	DASD-only option		104
DASDONLY Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
DELETES	BINARY	STAT	DFHLGSDS	LGSDELETES	4	AVG	No	Number of log-tail deletes		92
LGGAKPFREQ	BINARY	STAT	DFHLGGDS	LGGAKPFREQ	4	AVG	Yes	Activity keypoint frequency	50-65535	136
LGGAKPSTKN	BINARY	STAT	DFHLGGDS	LGGAKPSTKN	4	AVG	No	Number of activity keypoints taken		144
LGGLGDEFER	BINARY	STAT	DFHLGGDS	LGGLGDEFER	4	AVG	Yes	Log deferral interval		140
LGSQUERIES	BINARY	STAT	DFHLGSDS	LGSQUERIES	4	AVG	No	Logstream query count		148
MAXBLK	BINARY	STAT	DFHLGSDS	LGSMAXBL	4	AVG	No	Maximum block size		124
PKFWTRS	BINARY	STAT	DFHLGSDS	LGSPKFWTRS	4	AVG	No	Peak number of tasks waiting for buffer flush		72
RETPD	BINARY	STAT	DFHLGSDS	LGSRETPD	4	AVG	No	Data retention period (days)		128
RETRYERRS	BINARY	STAT	DFHLGSDS	LGSRTYERRS	4	AVG	No	Number of retryable errors		96
RWRITES	RATE3	CPSM			8	AVG	No	Rate of writes to log		152
STATUS	CVDAS	INQ	STREAMNAME	STATUS	4	LIKE	No	Log stream status		44
STATUS Output valid values	<ul style="list-style-type: none"> <li>• OK</li> <li>• FAILED</li> </ul>									
STRCNAME	CHAR	STAT	DFHLGSDS	LGSSTRUC	16	DIF F	No	Coupling facility structure		108
SYSTEMLOG	CVDAS	INQ			4	LIKE	No	System log indicator		48
SYSTEMLOG Output valid values	<ul style="list-style-type: none"> <li>• SYSLOG</li> <li>• NOSYSLOG</li> </ul>									
TFCWAIT	BINARY	STAT	DFHLGSDS	LGSTFCWAIT	4	AVG	No	Total number of tasks that waited for buffer flush		76
USECOUNT	BINARY	INQ	STREAMNAME	USECOUNT	4	SUM	No	Number of journals and forward recovery logs		52
WRITES	BINARY	STAT	DFHLGSDS	LGSWRITES	4	AVG	No	Number of write requests		56

# Chapter 397. SYSDUMP Resource Table

A CICS Resource that describes a system dump code in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is SYSDUMPCODE.

The following actions are supported:

## ADD

Add a system dump code.

The parameter data for the ADD action is:

```
PARM('CODE(code) [SCOPE(cvda1)] [MAX(nnn)]  
      [SHUT(cvda2)] [SDUMP(cvda3)] [DAE(cvda4)] .')
```

where:

- *code* is required and must be the 1- to 8-character system dump code.
- *cvda1* is one of the following valid CVDA values for the dump scope option:

LOCAL  
RELATED

- *nnn* is the maximum number of dumps, from 0 - 999.
- *cvda2* is one of the following valid CVDA values for the shutdown option:

SHUTDOWN  
NOSHUTDOWN

- *cvda3* is one of the following valid CVDA values for the system dump option:

SYSDUMP  
NOSYSDDUMP

- *cvda4* is one of the following valid CVDA values for the DAE option:

DAE  
NODAE

## DELETE

Remove a system dump code.

## RESET

Reset system dump code values.

## External resource name(CMCI)

CICSSystemDump

## Object type

CICS Resource

## Length

512

## Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

## API view

Yes

## CMAS context

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0004

**Security Class**

OPERATE.REGION

**CICS Commands subject to CICS Security**

EXTRACT STATISTICS

INQUIRE SYSDUMPCODE

*Table 959. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADD	CODE(value)	Yes
		DAE(DAE, NODAE)	No
		MAX(value)	No
		SCOPE(LOCAL, RELATED)	No
		SDUMP(SYSDUMP, NOSYSDUMP)	No
		SHUT(SHUTDOWN, NOSHUTDOWN)	No
	RESET	None	N/A
	DELETE	None	N/A

*Table 960. SYSDUMP FEEDBACK error codes*

Value	Code	Description
1	SYSDUMP_ADD_FAILED	Add failed

*Table 961. SYSDUMP resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Value Range	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIF	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
<b>SYSDUMPCODE-1</b>	CHAR	INQ	SYSDUMPCODE	SYSDUMPCODE	8	DIF	No	System dump code			16
CHANGEAGENT	CVDAS	INQ			4	LIKE	No	Last modification agent		E640 E650 E660 E670 E680 E690 E700 E710 E720	456

Table 961. SYSDUMP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Invalid	Offset
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• DYNAMIC</li> <li>• SYSTEM</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>										
CHANGEAGREL	CHAR	INQ			4	DIF	No	Last modification agent release		E640 E650 E660 E670 E680 E690 E700 E710 E720	460
CHANGETIME	DATETIME	INQ			8	MAX	No	Last modification time		E640 E650 E660 E670 E680 E690 E700 E710 E720	448
CHANGEUSRID	CHAR	INQ			8	DIF	No	Last modification user ID		E640 E650 E660 E670 E680 E690 E700 E710 E720	464
CURRENT	BINARY	INQ	SYSDUMPCODE	CURRENT	4	AVG	No	Number of dump calls since last reset			24
DAEOPTION	CVDAS	INQ	SYSDUMPCODE	DAEOPTION	4	LIKE	Yes	Dump analysis and elimination (DAE) option			52
DAEOPTION Input/output valid values	<ul style="list-style-type: none"> <li>• NODAE</li> <li>• DAE</li> </ul>										
DEFINESOURCE	CHAR	INQ			8	DIF	No	Source of the resource definition		E640 E650 E660 E670 E680 E690 E700 E710 E720	472
DEFINETIME	DATETIME	INQ			8	MAX	No	Creation time		E640 E650 E660 E670 E680 E690 E700 E710 E720	480

Table 961. SYSDUMP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Value Range	Get Invalid	Offset
DSPLIST	CHAR	INQ			255	DIF	No	Data space name list		E640 E650 E660 E670 E690 E700	190
INSTALLAGENT	CVDAS	INQ			4	LIKE	No	Installation agent		E640 E650 E660 E670 E680 E690 E700 E710 E720	504
INSTALLAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• DYNAMIC</li> <li>• SYSTEM</li> <li>• GRPLIST</li> </ul>										
INSTALLTIME	DATETIME	INQ			8	MAX	No	Installation time		E640 E650 E660 E670 E680 E690 E700 E710 E720	496
INSTALLUSRID	CHAR	INQ			8	DIF	No	Installation user ID		E640 E650 E660 E670 E680 E690 E700 E710 E720	488
JOBLIST	CHAR	INQ	SYSDUMPCODE	JOBLIST	134	DIF	No	Job name list		E640 E650 E660 E670 E690 E700	56
MAXIMUM	BINARY	INQ	SYSDUMPCODE	MAXIMUM	4	AVG	Yes	Maximum number of dumps with this code	0-999		28
SDMPSUPP	BINARY	STAT	DFHSDRDS	SDRSSUPR	4	AVG	No	Number of system dumps suppressed			44
SDMPTOTL	BINARY	STAT	DFHSDRDS	SDRSTKN	4	AVG	No	Number of system dumps taken			40
SDUMPSCOPE	CVDAS	INQ	SYSDUMPCODE	DUMPSCOPE	4	LIKE	Yes	System dump scope type			48
SDUMPSCOPE Input/ output valid values	<ul style="list-style-type: none"> <li>• LOCAL</li> <li>• RELATED</li> </ul>										
SHUTOPTION	CVDAS	INQ	SYSDUMPCODE	SHUTOPTION	4	LIKE	Yes	Shutdown option			32
SHUTOPTION Input/ output valid values	<ul style="list-style-type: none"> <li>• SHUTDOWN</li> <li>• NOSHUTDOWN</li> </ul>										



Table 961. SYSDUMP resource table attributes (continued)											
Name	Datatype	Source	CICS Source	CICS Field	Le n	Su m	Set	Description	Value Range	Get Inva lid	Offs et
SYSDUMPING	CVDAS	INQ	SYSDUMPCODE	SYSDUMPING	4	LIK E	Yes	System dump option			36
SYSDUMPING Input/ output valid values	<ul style="list-style-type: none"> <li>• SYSDUMP</li> <li>• NOSYSDUMP</li> </ul>										



# Chapter 398. SYSLINK Resource Table

A CICSplex SM topology definition that describes the endpoints of a communications link between two CICS systems being managed by CICSplex SM. A SYSLINK record is created when connection and sessions definitions (CONNDEF and SESSDEF) or IPIC and TCP/IP definitions (IPCONDEF and TCPDEF) are installed in one of the CICS systems. That information is used to create a link to the other CICS system.

The **Primary** key field for this resource class is FROMCSYS.

The **Secondary** key field for this resource class is TOCSYS.

The **Tertiary** key field for this resource class is CONNDEF.

The **Fourth** key field for this resource class is CONNDEFVER.

The **Fifth** key field for this resource class is SESSDEF.

The **Sixth** key field for this resource class is SESSDEFVER.

The **Seventh** key field for this resource class is LINKTYPE.

The following actions are supported:

## INSTALL

Install a System Link.

The parameter data for the INSTALL action is:

```
PARM(' [NOTIFY(notify)]
      [STATECHK(statechk)]
      [FORCEINS(forceins)].')
```

where:

- notify = Type of checking to be performed before install.
- statechk = Whether the existence and operational state of each resource should be checked before install.
- forceins = Whether definitions should be installed even if CICSplex SM believes they do not need to be.

## External resource name(CMCI)

CICSSystemLink

## Object type

CICSplex SM Definition

## Length

80

## Usage

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

## API view

No

## CMAS context

No

## SCOPE applies

No

## Only query CMASs in workload

No

## Copybook identifier

EYUt4610

**Security Class**

BAS.DEF

<i>Table 962. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		STATECHK(YES, NO)	No

<i>Table 963. SYSLINK FEEDBACK error codes</i>		
<b>Value</b>	<b>Code</b>	<b>Description</b>
1	SYSLINK_INV_DATA	Attribute data invalid
2	SYSLINK_REC_NOT_FOUND	Requested resource not found
4	SYSLINK_REC_EXISTS	Resource already exists
6	SYSLINK_INV_RESTYPE	Invalid resource type
7	SYSLINK_INV_VER	Invalid resource version
11	SYSLINK_NON_MP	Maintenance point CMAS not available
12	SYSLINK_INV_CONTEXT	Context not found
21	SYSLINK_INV_RECADDR	Invalid record address
22	SYSLINK_INV_RECLEN	Invalid record length
23	SYSLINK_INV_ACTION	Invalid action
24	SYSLINK_LOGICAL_DUP	Logical duplicate
25	SYSLINK_INV_MAJNAME	Invalid major name
26	SYSLINK_INV_MINNAME	Invalid minor name
27	SYSLINK_INV_QUALNAME	Invalid qualifier name
28	SYSLINK_INV_FORTHNAME	Invalid session definition name
29	SYSLINK_NOTIFY	Notify
30	SYSLINK_PARTIAL_INSTALL	Partial install
31	SYSLINK_NOTHING_INSTALLED	Nothing installed
32	SYSLINK_NO_ACTIVE_SYSTEMS	No active systems
33	SYSLINK_INV_NAMELIST	Invalid name list
34	SYSLINK_INV_NOTIFY	Invalid notify
35	SYSLINK_INV_FORCEINS	Invalid force install
36	SYSLINK_INV_STATECHK	Invalid state check
37	SYSLINK_INV_LINKTYPE	Invalid link type

Table 964. SYSLINK resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Offset
<b>FROMCSYS-1</b>	CHAR	CPSM	8	Yes	DIFF	Primary CICS system name		36
<b>TOCSYS-2</b>	CHAR	CPSM	8	Yes	DIFF	Secondary CICS system name		44
<b>CONNDEF-3</b>	CHAR	CPSM	8	Yes	DIFF	Primary Connection definition name		52
<b>CONNDEFVER-4</b>	BINARY	CPSM	1	Yes	AVG	Primary connection definition version		68
<b>SESSDEF-5</b>	CHAR	CPSM	8	Yes	DIFF	Secondary connection definition name		60
<b>SESSDEFVER-6</b>	BINARY	CPSM	1	Yes	AVG	Secondary connection definition version		69
<b>LINKTYPE-7</b>	EYUDA	CPSM	4	Yes	LIKE	Connection resource type	SNA	72
LINKTYPE-7 Input/output valid values	<ul style="list-style-type: none"> <li>• SNA</li> <li>• IPIC</li> </ul>							
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent		8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• DREPAPI</li> </ul>							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release		32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification		0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID		24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created		16



# Chapter 399. SYSPARM Resource Table

A CICS Resource that describes a system initialization parameter or a system initialization parameter override in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is KEYWORD.

The **Secondary** key field for this resource class is SEGNUM.

For system initialization parameter values greater than 255 bytes, the value is split across multiple SYSPARM records. Each of the records making up the same parameter value is referred to as a segment and has a segment number referenced by the SEGNUM attribute.

The following action is supported:

**GET**

Get a parameter from a specified source table.

**External resource name(CMCI)**

CICSSystemParameter

**Object type**

CICS Resource

**Length**

328

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0197

Table 965. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		PARMSRCE(TABLE, CONSOLE, SYSIN, JCL, COMBINED)	No
		PARMTYPE(SIT)	No

Table 966. SYSPARM FEEDBACK error codes		
Value	Code	Description
1	SYSPARM_INVALID_SOURCE	Invalid source parameter
2	SYSPARM_INVALID_TYPE	Invalid type parameter
3	SYSPARM_INVALID_NAME	Unknown keyword name

Table 967. SYSPARM resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
KEYWORD-1	CHAR	INQ			32	DIFF	Keyword name	16
SEGNUM-2	BINARY	INQ			4	MAX	Record segment number	60
SEGTOT	BINARY	INQ			4	MAX	Total segment number	64
SOURCE	EYUDA	INQ			4	LIKE	Source of system parameter	52
SOURCE Output valid values	<ul style="list-style-type: none"> <li>• TABLE</li> <li>• CONSOLE</li> <li>• SYSIN</li> <li>• JCL</li> <li>• COMBINED</li> </ul>							
TOTALLEN	BINARY	INQ			4	MAX	Total value length	68
TYPE	EYUDA	INQ			4	LIKE	Type of system parameter	48
TYPE Output valid values	<ul style="list-style-type: none"> <li>• SIT</li> </ul>							
VALUE	CHAR	INQ			255	DIFF	Keyword value	72
VALUELEN	BINARY	INQ			4	MAX	Keyword value length	56



# Chapter 400. SYSRES Resource Table

A CPSM Business Application Services Manager object that describes the set of CICS Definitions to be installed in a CICS system.

This object is referenced within the scope of a CICSplex and CICS system. As such, the CICS system must be explicitly identified in the API GET command PARM option by coding the following text string:

```
PARM('CICSSYS(sysname).')
```

where:

```
sysname = (Required) The name of a CICSplex SM managed CICS system.
```

The CICS system name is required.

The **Primary** key field for this resource class is RESDEF.

The **Secondary** key field for this resource class is RDEFTYPE.

The **Tertiary** key field for this resource class is RESDESC.

The **Fourth** key field for this resource class is REFDEF.

The **Fifth** key field for this resource class is CICSSYS.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSResourceBySystem

**Object type**

CICSplex SM Manager

**Length**

88

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2611

**Security Class**

BAS.DEF

Table 968. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	Yes

Table 969. SYSRES FEEDBACK error codes

Value	Code	Description
21	SYSRES_CICSSYS_NOT_FOUND	CICS system not found

Table 970. SYSRES resource table attributes

Name	Datatype	Source	Len	Sum	Description	Offset
<b>RESDEF-1</b>	CHAR	CPSM	8	DIFF	Resource definition name	8
<b>RDEFTYPE-2</b>	CHAR	CPSM	8	DIFF	Resource definition type	16
<b>RESDESC-3</b>	CHAR	CPSM	8	DIFF	Resource description name	24
<b>REFDEF-4</b>	CHAR	CPSM	8	DIFF	Referenced definition name	57
<b>CICSSYS-5</b>	CHAR	CPSM	8	DIFF	CICS system name	0
ALIAS	CHAR	CPSM	8	DIFF	Alias for remote definition	75
DEFVER	BINARY	CPSM	1	AVG	Resource definition version	56
MODE	EYUDA	CPSM	4	LIKE	Resource usage qualifier	52
MODE Output valid values	<ul style="list-style-type: none"> <li>• AUTO</li> <li>• DYNAM</li> <li>• EXTRA</li> <li>• INTRA</li> <li>• IND</li> <li>• STAT</li> </ul>					
REFTYPE	CHAR	CPSM	8	DIFF	Referenced definition type	67
REFVER	CHAR	CPSM	2	DIFF	Referenced definition version	65
RESASSGN	CHAR	CPSM	8	DIFF	Resource assignment name	32
RESGROUP	CHAR	CPSM	8	DIFF	Resource group name	40
USAGE	EYUDA	CPSM	4	LIKE	Resource usage type	48
USAGE Output valid values	<ul style="list-style-type: none"> <li>• LOCAL</li> <li>• REMOTE</li> <li>• ASIS</li> </ul>					

# Chapter 401. TAPEJRNL Resource Table

A CICS Resource that describes a tape journal in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is JOURNALNUM.

The following actions are supported:

**ADVANCE**

Advance a tape journal.

**CLOSE**

Close a tape journal.

**LEAVE**

Close and leave a tape journal position.

**OPEN**

Open a tape journal.

These actions require no unique parameter data.

**Object type**

CICS Resource

**Length**

64

**Usage**

EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0015

**Security Class**

OPERATE.JOURNAL

**CICS Commands subject to CICS Security**

EXTRACT STATISTICS

INQUIRE JOURNALNUM

Table 971. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADVANCE	None	N/A
	CLOSE	None	N/A
	LEAVE	None	N/A

Table 971. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
	OPEN	None	N/A

Table 972. TAPEJRNL resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	12
JOURNALNUM-1	BINARY	INQ	JOURNALNUM	JOURNALNUM	2	AVG	No	Journal number	16
AVGSIZE	BINARY	STAT	DFHA13DS	A13ABS	2	AVG	No	Average block size	18
BLKWRCNT	DECIMAL	STAT	DFHA13DS	A13PBC	4	AVG	No	Number of blocks written	48
BUFULLCNT	DECIMAL	STAT	DFHA13DS	A13BFC	3	AVG	No	Number of times buffer was full	57
CURVOL	CHAR	INQ	JOURNALNUM	CURRENTVOL	6	DIFF	No	Current volume	38
LASTVOL	CHAR	STAT	DFHA13DS	A13LVW	6	DIFF	No	Last volume written	32
OLDPART	CNUMERIC	INQ	JOURNALNUM	OLDESTPART	4	AVG	No	Serial number of first tape in journal	28
OPENSTATUS	CVDAS	INQ			4	LIKE	Yes	Open status	24
OPENSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• OPENOUTPUT</li> <li>• CLOSED</li> </ul>								
OPENSTATUS Input valid values	<ul style="list-style-type: none"> <li>• ADVANCE</li> <li>• CLOSELEAVE</li> </ul>								
RECWRCNT	DECIMAL	STAT	DFHA13DS	A13LRC	5	AVG	No	Number of records written	52
TAPESLFT	BINARY	STAT	DFHA13DS	A13STL	2	AVG	No	Number of tapes left	46
TAPESOPEN	BINARY	STAT	DFHA13DS	A13VOOC	2	AVG	No	Number of tapes opened	44
TYPE	CVDAS	INQ	JOURNALNUM	JTYPE	4	LIKE	No	Journal type	20
TYPE Output valid values	<ul style="list-style-type: none"> <li>• TAPE1</li> <li>• TAPE2</li> </ul>								

# Chapter 402. TASKASSC Resource Table

A CICSplex SM definition that, in a TCP/IP network, provides information about the tasks that make up a set of interrelated transactions. The interrelated tasks have the same transaction group ID and thus the records are organized by transaction group ID. You can filter the records using a substring of the user correlation data that has been added (by a CICS XAPADMGR global user exit program) to the user data section of the task's associated data origin descriptor.

The **Primary** key field for this resource class is TASKID.

The following actions are supported:

**GET**

Retrieve the TASKASSC records for a specified task or transaction group ID.

**External resource name(CMCI)**

CICSTaskAssociation

**Object type**

CICS Resource

**Length**

1624

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0169

**CICS Commands subject to CICS Security**

INQUIRE ASSOCIATION

Table 973. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 974. TASKASSC resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		12
<b>TASKID-1</b>	DECIMAL	INQ	T3		4	MIN	Task ID		16

Table 974. TASKASSC resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
ACAPPLNAME	CHAR	INQ	T3		64	LIKE	Current Application Name	E640 E650 E660 E670	1364
ACMAJORVER	BINARY	INQ	T3		4	MAX	Current Application Major Version	E640 E650 E660 E670	1556
ACMICROVER	BINARY	INQ	T3		4	MAX	Current Application Micro Version	E640 E650 E660 E670	1564
ACMINORVER	BINARY	INQ	T3		4	MAX	Current Application Minor Version	E640 E650 E660 E670	1560
ACOPERNAME	CHAR	INQ	T3		64	LIKE	Current Application Operation	E640 E650 E660 E670	1492
ACPLATNAME	CHAR	INQ	T3		64	LIKE	Current Platform	E640 E650 E660 E670	1428
APPLDATA	CHAR	INQ	T3		40	DIFF	Socket application data		88
APPLID	CHAR	INQ	T3		8	DIFF	Application ID		128
CLIENTIPADDR	CHAR	INQ	T3		39	DIFF	Client IP address		352
CLIENTLOC	CHAR	INQ	T3		32	DIFF	Cluster connection type	E640 E650	511
CLIENTPORT	BINARY	INQ	T3		4	DIFF	TCP/IP stack port number		136
CLNTIPFAMILY	CVDAS	INQ	T3		4	LIKE	Client IP address format	E640 E650	544
CLNTIPFAMILY Output valid values	<ul style="list-style-type: none"> <li>• IPV4</li> <li>• IPV6</li> <li>• NOTAPPLIC</li> </ul>								
DNAME	HEX	INQ	T3		24 6	DIFF	Distinguished name	E640 E650	548
FACILNAME	CHAR	INQ	T3		8	DIFF	Facility name		164
FACILTYPE	CVDAS	INQ	T3		4	LIKE	Facility type		56

Table 974. TASKASSC resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
FACILTYPE Output valid values	<ul style="list-style-type: none"> <li>NONE</li> <li>TERMINAL</li> <li>TRANDATA</li> <li>START</li> <li>STARTTERM</li> <li>SCHEDULER</li> <li>XMRUNTRAN</li> <li>BRIDGE</li> <li>SOCKET</li> <li>WEB</li> <li>RRSUR</li> <li>LU61</li> <li>APPC</li> <li>MRO</li> <li>IIOP</li> <li>IPIC</li> <li>RZINSTOR</li> <li>IPECI</li> <li>UNKNOWN</li> <li>EVENT</li> <li>JVMSEVER</li> <li>ASRUNTRAN</li> <li>NODEJSAPP</li> </ul>								
INITUSERID	CHAR	INQ	T3		8	DIFF	User ID of initiating task	E680 +	140
IPCONN	CHAR	INQ	T3		8	DIFF	IPCONN resource		148
IPFAMILY	CVDAS	INQ	T3		4	LIKE	Server IP address format		60
IPFAMILY Output valid values	<ul style="list-style-type: none"> <li>IPV4</li> <li>IPV6</li> <li>NOTAPPLIC</li> </ul>								
LUNAME	CHAR	INQ	T3		8	DIFF	VTAM LU name		156
MVSIMAGE	CHAR	INQ	T3		8	DIFF	MVS image		172
NETID	CHAR	INQ	T3		8	DIFF	Network ID		336
ODAPPLID	CHAR	INQ	T3		8	DIFF	Originating Application ID		180
ODAPTRDATA1	CHAR	INQ	T3		64	MAX	Originating adapter data 1	E640 E650 E660	1172
ODAPTRDATA2	CHAR	INQ	T3		64	MAX	Originating adapter data 2	E640 E650 E660	1236
ODAPTRDATA3	CHAR	INQ	T3		64	MAX	Originating adapter data 3	E640 E650 E660	1300
ODAPTRID	CHAR	INQ	T3		64	MAX	Originating adapter ID	E640 E650 E660	1108
ODCLNTIPADDR	CHAR	INQ	T3		39	DIFF	Originating client IP address		391
ODCLNTPORT	BINARY	INQ	T3		4	DIFF	Originating portnumber		48
ODFACILNAME	CHAR	INQ	T3		8	DIFF	Originating facility name		188
ODFACILTYPE	CVDAS	INQ	T3		4	LIKE	Originating facility type		52

Table 974. TASKASSC resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
ODFACILTYPE Output valid values	<ul style="list-style-type: none"> <li>NONE</li> <li>TERMINAL</li> <li>TRANDATA</li> <li>START</li> <li>STARTTERM</li> <li>SCHEDULER</li> <li>XMRUNTRAN</li> <li>BRIDGE</li> <li>SOCKET</li> <li>WEB</li> <li>RRSUR</li> <li>LU61</li> <li>APPC</li> <li>MRO</li> <li>IIOP</li> <li>IPIC</li> <li>RZINSTOR</li> <li>IPECI</li> <li>UNKNOWN</li> <li>EVENT</li> <li>JVMSEVER</li> <li>ASRUNTRAN</li> <li>NODEJSAPP</li> </ul>								
ODIPFAMILY	CVDAS	INQ	T3		4	LIKE	Originating client IP address format		64
ODIPFAMILY Output valid values	<ul style="list-style-type: none"> <li>IPV4</li> <li>IPV6</li> <li>NOTAPPLIC</li> </ul>								
ODLUNAME	CHAR	INQ	T3		8	DIFF	Originating VTAM LU name		196
ODNETID	CHAR	INQ	T3		8	DIFF	Originating network ID		344
ODNETWORKID	CHAR	INQ	T3		8	DIFF	Originating network ID		328
ODSERVERPORT	BINARY	INQ	T3		4	MAX	Originating server port	E640 E650 E660 E670 E680 E690	1568
ODSTARTTIME	TIMESTP	INQ			8	MIN	Originating task start time		80
ODSTARTTM	CHAR	INQ	T3		21	MIN	Originating task start time		490
ODTASKID	DECIMAL	INQ	T3		4	MIN	Originating task ID		204
ODTCPIPS	CHAR	INQ	T3		8	DIFF	Originating TCP/IP service name	E640 E650 E660 E670 E680 E690	1572
ODTRANSID	CHAR	INQ	T3		4	DIFF	Originating transaction ID		208
ODUSERID	CHAR	INQ	T3		8	DIFF	Originating user ID		212
PHAPPLID	CHAR	INQ	T3		8	DIFF	Previous hop applid	E640 E650 E660	1049



Table 974. TASKASSC resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
PHCOUNT	BINARY	INQ	T3		4	MAX	Previous hop count	E640 E650 E660	1104
PHNETWORKID	CHAR	INQ	T3		8	DIFF	Previous hop network qualifier	E640 E650 E660	1057
PHSTARTTIME	TIMESTP	INQ			8	MIN	Previous hop task start time	E640 E650 E660	1096
PHSTARTTM	CHAR	INQ	T3		21	DIFF	Previous hop task start time	E640 E650 E660	1069
PHTASKID	DECIMAL	INQ	T3		4	MIN	Previous hop task ID	E640 E650 E660	1090
PHTRANSID	CHAR	INQ	T3		4	DIFF	Previous hop transaction ID	E640 E650 E660	1065
PROGRAM	CHAR	INQ	T3		8	DIFF	First program		220
PTCOUNT	BINARY	CMF	T3		4	MAX	Previous transaction count	E640 E650 E660 E670 E680 E690 E700	1580
PTSTARTTIME	TIMESTP	CMF			8	MIN	Previous transaction task start time	E640 E650 E660 E670 E680 E690 E700	1584
PTSTARTTM	CHAR	INQ	T3		21	DIFF	Previous transaction task start time	E640 E650 E660 E670 E680 E690 E700	1592
PTTASKID	DECIMAL	CMF	T3		4	MIN	Previous transaction task ID	E640 E650 E660 E670 E680 E690 E700	1613
PTTRANSID	CHAR	CMF	T3		4	DIFF	Previous transaction transaction ID	E640 E650 E660 E670 E680 E690 E700	1617
REALM	HEX	INQ	T3		255	DIFF	Basic authentication realm name	E640 E650	794
SERVERIPADDR	CHAR	INQ	T3		39	DIFF	Scheduling IP server		430
SERVERPORT	BINARY	INQ	T3		4	DIFF	Server listening port		68
STARTTIME	TIMESTP	INQ			8	MIN	Task start time		72
STARTTM	CHAR	INQ	T3		21	MIN	Task start time		469
TCPIPJOB	CHAR	INQ	T3		8	DIFF	TCP/IP job		228

Table 974. TASKASSC resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Description	Get Invali d	Offse t
TCPIPSERVICE	CHAR	INQ	T3		8	DIFF	TCP/IP service name		236
TCPIPZONE	CHAR	INQ	T3		8	DIFF	TCP/IP network security zone		244
TRANSACTION	CHAR	INQ	T3		4	DIFF	Transaction ID		252
TRNGRPID	HEX	INQ	T3		28	DIFF	Transaction group ID		20
USERCORRDATA	CHAR	INQ	T3		64	DIFF	User correlation data		256
USERID	CHAR	INQ	T3		8	DIFF	User ID		320

## Chapter 403. TASKESTG Resource Table

A CICS Resource that describes a CICS storage element for a task.

The **Primary** key field for this resource class is TASK.

The **Secondary** key field for this resource class is ELEMENTADDR.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSTaskStorage

### Object type

CICS Resource

### Length

40

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0144

### CICS Commands subject to CICS Security

INQUIRE TASK

Table 975. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 976. TASKESTG resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>TASK-1</b>	DECIMAL	INQ			4	MAX	Task number	16
<b>ELEMENTADDR-2</b>	HEX	INQ			4	MAX	Storage element address	20
DSANAME	CHAR	STAT			8	DIFF	DSA name	24
ELEMENTLEN	BINARY	INQ			4	AVG	Element length	32



## Chapter 404. TASKFILE Resource Table

A CICS Resource that describes tasks and the CICS files they have used in an active system being managed by CICSplex SM. Note that for these records to be available, the MAS must be running with the SIT parameter MNRES=ON, and be using an MCT that specifies a value for FILE greater than 0 on the DFHMCT TYPE=INITIAL macro.

The **Primary** key field for this resource class is MNRTASKNO.

The **Secondary** key field for this resource class is MNRNAME.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSTaskFileUsage

### Object type

CICS Resource

### Length

176

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0115

### CICS Commands subject to CICS Security

INQUIRE TASK

Table 977. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 978. TASKFILE resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>MNRTASKNO-1</b>	DECIMAL	STAT	MNR_ID_DATA	MNR_ID_TASKNO	4	AVG	Task ID	16
<b>MNRNAME-2</b>	CHAR	STAT	MNR_FILE_ENTRY	MNR_FILE_NAME	8	DIFF	File ID	24
DSNAME	CHAR	INQ			44	DIFF	Data set name	32

Table 978. TASKFILE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
FCAMCNT	BINARY	STAT	MNR_FILE_ENTR Y	MNR_FILE_AM_R Q	4	AVG	Number of access method calls	76
MNRADD	SCLOCK	STAT	MNR_FILE_ENTR Y	MNR_FILE_ADD	8	AVG	ADD request time and count	112
MNRBRWSE	SCLOCK	STAT	MNR_FILE_ENTR Y	MNR_FILE_BRWS E	8	AVG	BROWSE request time and count	80
MNRCFDTIOWT	SCLOCK	STAT	MNR_FILE_ENTR Y	MNR_CFDI_IO_W T	8	AVG	CFDI I/O wait time and count	144
MNRDEL	SCLOCK	STAT	MNR_FILE_ENTR Y	MNR_FILE_DEL	8	AVG	DELETE request time and count	96
MNRFILELIMIT	EYUDA	STAT			4	LIKE	File limit exceeded	168
MNRFILELIMIT Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>							
MNRGET	SCLOCK	STAT	MNR_FILE_ENTR Y	MNR_FILE_GET	8	AVG	READ request time and count	88
MNRIOWT	SCLOCK	STAT	MNR_FILE_ENTR Y	MNR_FILE_IO_W T	8	AVG	File I/O wait time and count	128
MNRPUT	SCLOCK	STAT	MNR_FILE_ENTR Y	MNR_FILE_PUT	8	AVG	WRITE request time and count	104
MNRRLSIOWT	SCLOCK	STAT	MNR_FILE_ENTR Y	MNR_RLS_FILE_I O_WT	8	AVG	RLS I/O wait time and count	136
MNRSTART	TIMESTP	STAT	MNR_ID_DATA	MNR_ID_START	8	MAX	Task start time	160
MNRTOTAL	SCLOCK	STAT	MNR_FILE_ENTR Y	MNR_FILE_TOTAL	8	AVG	Total request time and count	120
MNRTRANID	CHAR	STAT	MNR_ID_DATA	MNR_ID_TRANID	4	DIFF	Transaction ID	20
MNRUSERID	CHAR	STAT	MNR_ID_DATA	MNR_ID_USERID	8	DIFF	User ID	152

## Chapter 405. TASKRMI Resource Table

A CICS Resource that describes tasks and the use they have made of the CICS Resource Manager Interface in an active system being managed by CICSplex SM. Note that for these records to be available, the MAS must be running with MNPER=YES, and be using an MCT that specifies RMI=YES on the DFHMCT TYPE=INITIAL macro.

The **Primary** key field for this resource class is TASKID.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSTaskRMIUsage

### Object type

CICS Resource

### Length

216

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0145

### CICS Commands subject to CICS Security

INQUIRE TASK

Table 979. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		INCL_QUEUED(YES, NO)	No

Table 980. TASKRMI resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>TASKID-1</b>	DECIMAL	INQ	TASK	TASK	4	MAX	Task ID	128
CPUTIME	SCLOCK12	CMF	DFHMNTDS	TMRCPUT	12	MAX	User task CPU time	180
DISPTIME	SCLOCK12	CMF	DFHMNTDS	TMRDIST	12	MAX	User task dispatch time	168
RESPTIME	INTTSTP	CPSM			8	MAX	Task response time	160
RMICPSMTIME	SCLOCK12	CMF	DFHMNCDS	MNC_RMI_CPSM_TIME	12	MAX	CICSplex SM RMI elapsed time	100

Table 980. TASKRMI resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
RMIDB2TIME	SCLOCK12	CMF	DFHMNCDS	MNC_RMI_DB2_TIME	12	MAX	DB2 RMI elapsed time	52
RMIDBCTLTIME	SCLOCK12	CMF	DFHMNCDS	MNC_RMI_DBCTL_TIME	12	MAX	DBCTL RMI elapsed time	64
RMIEXECDLITM	SCLOCK12	CMF	DFHMNCDS	MNC_RMI_EXECDLI_TIME	12	MAX	DL/I RMI elapsed time	76
RMIMQSERIEST	SCLOCK12	CMF	DFHMNCDS	MNC_RMI_MQSERIES_TIME	12	MAX	MQSeries RMI elapsed time	88
RMIOOTHERTIME	SCLOCK12	CMF	DFHMNCDS	MNC_RMI_OTHER_TIME	12	MAX	Total other elapsed time	40
RMITCPIPTIME	SCLOCK12	CMF	DFHMNCDS	MNC_RMI_TCPIP_TIME	12	MAX	TCP/IP Sockets RMI elapsed time	112
RMITIME	SCLOCK12	CMF	DFHMNTDS	TMRMIT	12	MAX	Total RMI elapsed time	16
RMITOTALTIME	SCLOCK12	CMF	DFHMNCDS	MNC_RMI_TOTAL_TIME	12	MAX	Total RMI elapsed time at last statistics interval	28
START	TIMESTP	CMF	DFHMNTDS	TMRATTT	8	MAX	Task start time	144
STOP	TIMESTP	CMF	DFHMNTDS	TMRDETT	8	MAX	Task stop time	152
SUSPTIME	SCLOCK12	CMF	DFHMNTDS	TMRST	12	MAX	Task suspend time	192
TRANID	CHAR	INQ	TASK	TRANSACTION	4	DIFF	Transaction ID	124
USERID	CHAR	INQ			8	DIFF	User ID	132
WAITTIME	SCLOCK12	CMF	DFHMNTDS	TMRDWT	12	MAX	Dispatch wait time	204



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# Chapter 406. TASK Resource Table

This CICS resource describes a task in an active CICS system that is being managed by CICSplex SM.

The **Primary** key field for this resource class is TASK.

When used in an evaluation definition (EVALDEF), you might want to limit the evaluation to include only those tasks for which a specific transaction is associated. To do so, include the TRANID attribute in the evaluation filter expression; for example, TRANID=TRN1.

The following actions are supported:

**PURGE**

Purge a task.

The parameter data for the PURGE action is:

```
PARM( 'PURGETYPE(cvda) . ' )
```

where *cvda* is required and is a valid CVDA value for the type of operation.

Valid CVDA values for the PURGE action are PURGE, FORCEPURGE, and KILL. For example:

```
PARM( 'PURGETYPE(FORCEPURGE) . ' )
```

**FORCEPURGE**

Force purge a task.

There are no parameters for the FORCEPURGE action.

**KILL**

Kill a task.

There are no parameters for the KILL action.

**Note:** The KILL action can lead to unpredictable results and should be used only in exceptional circumstances.

**External resource name(CMCI)**

CICSTask

**Object type**

CICS Resource

**Length**

3744

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0020

**Security Class**  
OPERATE.TASK

Table 981. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		INCL_QUEUED(YES, NO)	No
SET		None	N/A
PERFORM SET	PURGE	TYPE(PURGE, FORCEPURGE, KILL)	Yes
	FORCEPURGE	None	N/A
	KILL	None	N/A

Table 982. TASK resource table attributes										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		12
<b>TASK-1</b>	DECIMAL	INQ	TASK	TASK	4	MAX	No	Task ID		16
ABCODEC	CHAR	CMF	DFHMNTDS	TMRABCDC	4	DIFF	No	Current ABEND code		172
ABCODEO	CHAR	CMF	DFHMNTDS	TMRABCDO	4	DIFF	No	Original ABEND code		168
ACAPPLNAME	CHAR	CMF	DFHMNTDS	TMRAPPLN	64	LIKE	No	Initial Application Name	E640 E650 E660 E670	3348
ACMAJORVER	BINARY	CMF	DFHMNTDS	TMRMAJVR	4	MAX	No	Initial Application Major Version	E640 E650 E660 E670	3540
ACMICROVER	BINARY	CMF	DFHMNTDS	TMRMICVR	4	MIN	No	Initial Application Micro Version	E640 E650 E660 E670	3548
ACMINORVER	BINARY	CMF	DFHMNTDS	TMRMINVR	4	MAX	No	Initial Application Minor Version	E640 E650 E660 E670	3544
ACOPERNAME	CHAR	CMF	DFHMNTDS	TMROPERN	64	LIKE	No	Initial Application Operation	E640 E650 E660 E670	3476
ACPLATNAME	CHAR	CMF	DFHMNTDS	TMRPLATN	64	LIKE	No	Initial Platform	E640 E650 E660 E670	3412
ACTVTYID	HEX	INQ	TASK	ACTIVITYID	52	MIN	No	BTS activity ID		1276
ACTVTYNM	CHAR	INQ	TASK	ACTIVITY	16	DIFF	No	BTS activity name		1260
ALLOCATES	BINARY	CMF	DFHMNTDS	TMRTAC	4	AVG	No	Number of ALLOCATE requests		208
APPLNAMEPROG	CHAR	STAT	DFHMNCDS	MNC_APPLNAME_PROG	8	DIFF	No	Application name - program		1852
APPLNAMETRAN	CHAR	STAT	DFHMNCDS	MNC_APPLNAME_TRAN	4	DIFF	No	Application name - transaction		1848

Table 982. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
ASFREET	BINARY	CMF	DFHMNTDS	TMRASFR	4	MAX	No	Number of EXEC CICS FREE CHILD commands	E640 E650 E660 E670 E680 E690 E700	3652
ASFTCHCT	BINARY	CMF	DFHMNTDS	TMRASFCT	4	MAX	No	Number of EXEC CICS FETCH commands	E640 E650 E660 E670 E680 E690 E700	3648
ASFTCHWT	SCLOCK12	CMF	DFHMNTDS	TMRASFWT	12	MAX	No	EXEC CICS FETCH wait time	E640 E650 E660 E670 E680 E690 E700	3656
ASRNATWT	SCLOCK12	CMF	DFHMNTDS	TMRASRWT	12	MAX	No	EXEC CICS RUN TRANSID delayed time	E640 E650 E660 E670 E680 E690 E700	3668
ASRUNCT	BINARY	CMF	DFHMNTDS	TMRASRNC	4	MAX	No	Number of EXEC CICS RUN TRANSID commands	E640 E650 E660 E670 E680 E690 E700	3644
ASTOTCT	BINARY	CMF	DFHMNTDS	TMRASCT	4	MAX	No	Number of asynchronous API commands	E640 E650 E660 E670 E680 E690 E700	3640
ATTACHTIME	DATETIME	INQ	TASK	ATTACHTIME	8	MAX	No	Task attach time		928
BAACDCCT	BINARY	CMF	DFHMNTDS	TMRBAADC	4	AVG	No	BTS activity data container requests		1376
BAACQPCT	BINARY	CMF	DFHMNTDS	TMRBAAPC	4	AVG	No	BTS acquire requests		1364
BADACTCT	BINARY	CMF	DFHMNTDS	TMRBADAC	4	AVG	No	BTS define activity requests		1344
BADCPACT	BINARY	CMF	DFHMNTDS	TMRBDCPC	4	AVG	No	BTS delete activity and cancel requests		1360
BADFIECT	BINARY	CMF	DFHMNTDS	TMRBADIC	4	AVG	No	BTS define input event requests		1388
BADPROCT	BINARY	CMF	DFHMNTDS	TMRBADPC	4	AVG	No	BTS define process requests		1340
BALKPACT	BINARY	CMF	DFHMNTDS	TMRBALKC	4	AVG	No	BTS link requests		1336
BAPRDCCT	BINARY	CMF	DFHMNTDS	TMRBAPDC	4	AVG	No	BTS process data container requests		1372
BARASYCT	BINARY	CMF	DFHMNTDS	TMRBARAC	4	AVG	No	BTS run asynchronous requests		1332
BARATECT	BINARY	CMF	DFHMNTDS	TMRBAREC	4	AVG	No	BTS retrieve reattach event requests		1384

Table 982. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
BARMPACT	BINARY	CMF	DFHMNTDS	TMRBRPAC	4	AVG	No	BTS resume requests		1356
BARSPACT	BINARY	CMF	DFHMNTDS	TMRBTPAC	4	AVG	No	BTS reset requests		1348
BARSYNCT	BINARY	CMF	DFHMNTDS	TMRBARSC	4	AVG	No	BTS run synchronous requests		1328
BASUPACT	BINARY	CMF	DFHMNTDS	TMRBSPAC	4	AVG	No	BTS suspend requests		1352
BATIAECT	BINARY	CMF	DFHMNTDS	TMRBATAC	4	AVG	No	BTS timer associated event requests		1392
BATOTCCT	BINARY	CMF	DFHMNTDS	TMRBATCC	4	AVG	No	BTS total data container requests		1380
BATOTECT	BINARY	CMF	DFHMNTDS	TMRBATEC	4	AVG	No	BTS total event requests		1396
BATOTPCT	BINARY	CMF	DFHMNTDS	TMRBATPC	4	AVG	No	BTS total requests		1368
BMSCOUNT	BINARY	CMF	DFHMNTDS	TMRBMTCT	4	AVG	No	Total number of BMS requests		384
BMSINCNT	BINARY	CMF	DFHMNTDS	TMRBMIC	4	AVG	No	Number of BMS map in requests		376
BMSMAPCNT	BINARY	CMF	DFHMNTDS	TMRBMMC	4	AVG	No	Number of BMS map requests		372
BMSOUTCNT	BINARY	CMF	DFHMNTDS	TMRBMOC	4	AVG	No	Number of BMS map out requests		380
BRDGTRAN	EYUDA	CMF			4	LIKE	No	Transaction ID as started by bridge		984
BRDGTRAN Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
BRIDGE	CHAR	INQ	TASK	BRIDGE	4	DIFF	No	Bridge transaction ID		964
BRTOKEN	HEX	INQ	TASK	BRFACILITY	8	DIFF	No	3270 Bridge Facility Token		1776
BTECOMP	EYUDA	CPSM			4	LIKE	No	Workload manager begin-to-end phase complete		2288
BTECOMP Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
CDSAGETM	BINARY	CMF	DFHMNTDS	TMRSCCGB	4	AVG	No	Number of GETMAIN requests in CDSA		224
CDSAPSHWM	BINARY	CMF	DFHMNTDS	TMRPCCBH	4	AVG	No	Maximum program storage in CDSA		304
CDSASHWM	BINARY	CMF	DFHMNTDS	TMRCHWMB	4	AVG	No	Peak number of bytes used by task in CDSA		240
CDSASOCC	BINARY	CMF	DFHMNTDS	TMRCOCCB	8	AVG	No	Average CDSA storage usage		264
CECMCHTP	CHAR	CMF	DFHMNTDS	TMRCECTP	4	DIFF	No	CEC machine type		3276
CECMDLID	CHAR	CMF	DFHMNTDS	TMRCECID	16	DIFF	No	CEC model number		3280
CFDTWAIT	SCLOCK12	CMF	DFHMNTDS	TMRCDTWT	12	MAX	No	CFDT wait time		1136
CHARIN	BINARY	CMF	DFHMNTDS	TMRTCI1C	4	AVG	No	Number of Primary TC characters received		180
CHARINSEC	BINARY	CMF	DFHMNTDS	TMRTCI2C	4	AVG	No	Number of Secondary TC characters received		196

Table 982. TASK resource table attributes (continued)										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
CHAROUT	BINARY	CMF	DFHMNTDS	TMRTO1C	4	AVG	No	Number of Primary TC characters sent		188
CHAROUTSEC	BINARY	CMF	DFHMNTDS	TMRTO2C	4	AVG	No	Number of Secondary TC characters sent		204
CHMODECT	BINARY	CMF	DFHMNTDS	TMRCHMDC	4	AVG	No	Number of CICS dispatcher change modes	E640 +	1636
CICSWAIT	SCLOCK12	CMF	DFHMNTDS	TMRWCEWT	12	MAX	No	CICS event wait time		1012
CLIPADDR	CHAR	CMF	DFHMNTDS	TMRICIPAD	40	DIFF	No	Client IP address		1700
CMDSEC	CVDAS	INQ	TASK	CMDSEC	4	LIKE	No	Command level security status		560
CMDSEC Output valid values	<ul style="list-style-type: none"> <li>• CMDSECNO</li> <li>• CMDSECYES</li> </ul>									
CONTROLWAIT	SCLOCK12	CMF	DFHMNTDS	TMRGVPWT	12	MAX	No	Give-up-control wait time		1036
CORREUOW	HEX	CMF			23	MIN	No	Correlation UOW id		2444
CPUTIME	SCLOCK12	CMF	DFHMNTDS	TMRCPUT	12	MAX	No	User task CPU time		424
CPUTONCP	SCLOCK12	CMF	DFHMNTDS	TMRONCPT	12	MAX	No	Total CPU time on a CP	E640 E650 E660 E670	3552
CURRENTPROG	CHAR	INQ	TASK	CURRENTPROG	8	DIFF	No	Current program being executed		1860
CURTASKS	BINARY	CMF	DFHMNTDS	TMRCTSKS	4	AVG	No	Current tasks		3272
DB2CONWT	SCLOCK12	CMF	DFHMNTDS	TMRCONWT	12	MAX	No	DB2 Connection (TCB) wait time		1496
DB2PLAN	CHAR	INQ	TASK	DB2PLAN	8	DIFF	No	DB2 plan name		1128
DB2RDYQW	SCLOCK12	CMF	DFHMNTDS	TMRRDQWT	12	MAX	No	DB2 ReadyQ wait time		1484
DB2REQCT	BINARY	CMF	DFHMNTDS	TMRDB2RC	4	AVG	No	Total number of DB2 requests		1632
DB2WAIT	SCLOCK12	CMF	DFHMNTDS	TMRDB2WT	12	MAX	No	DB2 request wait time	E680 +	1508
DETTRANATYPE	EYUDA	CPSM			4	LIKE	No	Transaction type details		2284
DETTRANATYPE Output valid values	<ul style="list-style-type: none"> <li>• NONE</li> <li>• SYSTEM</li> <li>• MIRROR</li> <li>• DPL</li> <li>• ONCRPC</li> <li>• WEB</li> <li>• BRIDGE</li> <li>• CICSBTS</li> </ul>									
DFHCHNL329	BINARY	STAT	DFHMNCDS	MNC_DFHCHNL_329	8	AVG	No	Current container storage allocated to task.	E640	2704
DFH SOCK292	BINARY	STAT	DFHMNCDS	MNC_DFH SOCK_292	4	AVG	No	Non-persistent sockets		1840
DFH SOCK293	BINARY	STAT	DFHMNCDS	MNC_DFH SOCK_293	4	AVG	No	Persistent sockets		1844

Table 982. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
DFHSTOR033	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_033	4	AVG	No	Task storage UDSA		1788
DFHSTOR087	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_087	4	AVG	No	Program storage - Total		1804
DFHSTOR106	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_106	4	AVG	No	Task storage EUDSA		1792
DFHSTOR108	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_108	4	AVG	No	Program storage - Below		1812
DFHSTOR116	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_116	4	AVG	No	Task storage CDSA		1796
DFHSTOR119	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_119	4	AVG	No	Task storage ECDSA		1800
DFHSTOR122	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_122	4	AVG	No	Program storage - ERDSA		1824
DFHSTOR139	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_139	4	AVG	No	Program storage - Above		1808
DFHSTOR142	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_142	4	AVG	No	Program storage - ECDSA		1816
DFHSTOR143	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_143	4	AVG	No	Program storage - CDSA		1820
DFHSTOR160	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_160	4	AVG	No	Program storage - SDSA		1836
DFHSTOR161	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_161	4	AVG	No	Program storage - ESDSA		1832
DFHSTOR162	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_162	4	AVG	No	Program storage - RDSA		1828
DFHSTOR442	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_442	4	AVG	No	Task Storage - GCDSA	E640 E650 E660 E670	3580
DFHSTOR444	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_444	4	AVG	No	Task Storage - GUDSA	E640 E650 E660 E670	3584
DFHTASK252	BINARY	STAT	DFHMNCDS	MNC_DFHTASK_252	4	AVG	No	Current CICS dispatcher TCBs		2684
DHCRECT	BINARY	CMF	DFHMNTDS	TMRDHCRC	4	AVG	No	Number of Document Create requests		1448
DHINSCT	BINARY	CMF	DFHMNTDS	TMRDHINC	4	AVG	No	Number of Document Insert requests		1452
DHRETCT	BINARY	CMF	DFHMNTDS	TMRDHRTC	4	AVG	No	Number of Document Retrieve requests		1460
DHSETCT	BINARY	CMF	DFHMNTDS	TMRDHSTC	4	AVG	No	Number of Document Set requests		1456
DHTOTCT	BINARY	CMF	DFHMNTDS	TMRDHTC	4	AVG	No	Total number of Document requests		1464
DHTOTDCL	BINARY	CMF	DFHMNTDS	TMRDHTDL	4	AVG	No	Total length of documents created		1468
DISPTIME	SCLOCK12	CMF	DFHMNTDS	TMRDIST	12	MAX	No	User task dispatch time		412
DSAPTHWT	SCLOCK12	STAT	DFHMNTDS	TMRDSAWT	12	AVG	No	Dispatcher allocate pthread wait time	E640 E650 E660 E670 E680 E690	3628
DSPDELAY	SCLOCK12	CMF	DFHMNTDS	TMRDLDLY	12	MAX	No	First dispatch delay time		728

Table 982. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
DTB	CVDAS	INQ	TASK	DTB	4	LIKE	No	Dynamic transaction backout option		564
DTB Output valid values	<ul style="list-style-type: none"> <li>• NOTSUPPORTED</li> <li>• WAIT</li> <li>• COMMIT</li> <li>• BACKOUT</li> </ul>									
DTIMEOUT	BINARY	INQ	TASK	DTIMEOUT	4	AVG	No	Deadlock timeout (seconds)		568
DUMPING	CVDAS	INQ	TASK	DUMPING	4	LIKE	No	Transaction dump option		572
DUMPING Output valid values	<ul style="list-style-type: none"> <li>• TRANDUMP</li> <li>• NOTRANDUMP</li> </ul>									
ECDSAGETM	BINARY	CMF	DFHMNTDS	TMRSCCGA	4	AVG	No	Number of GETMAIN requests in ECDSA		228
ECDSAPSHWM	BINARY	CMF	DFHMNTDS	TMRPCCAH	4	AVG	No	Maximum program storage in ECDSA		300
ECDSASHWM	BINARY	CMF	DFHMNTDS	TMRCHWMA	4	AVG	No	Peak number of bytes used by task in ECDSA		244
ECDSASOCC	BINARY	CMF	DFHMNTDS	TMRCOCCA	8	AVG	No	Average ECDSA storage usage		272
ENQDELAY	SCLOCK12	CMF	DFHMNTDS	TMRNQDLY	12	MAX	No	Delay time for enqueue		764
EXECOMP	EYUDA	CPSM			4	LIKE	No	Workload manager execution phase complete		2292
EXECOMP Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
EXTERNWAIT	SCLOCK12	CMF	DFHMNTDS	TMRWTXWT	12	MAX	No	External wait time		1000
EXWAIT	SCLOCK12	CMF	DFHMNTDS	TMRXWT	12	MAX	No	Exception wait time		460
FACILITY	CHAR	INQ	TASK	FACILITY	4	DIFF	No	Principal facility		20
FACILITYTYPE	CVDAS	INQ	TASK	FACILITYTYPE	4	LIKE	No	Facility type		24
FACILITYTYPE Output valid values	<ul style="list-style-type: none"> <li>• TERM</li> <li>• DEST</li> <li>• TASK</li> </ul>									
FCADDCNT	BINARY	CMF	DFHMNTDS	TMRFCAC	4	AVG	No	Number of file control WRITE requests		324
FCAMCNT	BINARY	CMF	DFHMNTDS	TMRFCAMC	4	AVG	No	Number of file control access method requests		336
FCBRWCNT	BINARY	CMF	DFHMNTDS	TMRFCBC	4	AVG	No	Number of file control browse requests		320
FCCOUNT	BINARY	CMF	DFHMNTDS	TMRFCTC	4	AVG	No	Total number of file control requests		332
FCDELCNT	BINARY	CMF	DFHMNTDS	TMRFCDC	4	AVG	No	Number of file control DELETE requests		328
FCGETCNT	BINARY	CMF	DFHMNTDS	TMRFCGC	4	AVG	No	Number of file control READ requests		312
FCIOTIME	SCLOCK12	CMF	DFHMNTDS	TMRFCWT	12	MAX	No	File control I/O wait time		484
FCPUTCNT	BINARY	CMF	DFHMNTDS	TMRFCPC	4	AVG	No	Number of file control REWRITE requests		316

Table 982. TASK resource table attributes (continued)										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
FCVSWTT	SCLOCK12	CMF	DFHMNTDS	TMRFCSWT	12	MAX	No	File control VSAM string wait time	E640 E650 E660 E670	3336
FCXCWTT	SCLOCK12	CMF	DFHMNTDS	TMRFCXWT	12	MAX	No	File control exclusive control wait time	E640 E650 E660 E670	3324
FIRSTPRGM	CHAR	CMF	DFHMNTDS	TMRPGNM	8	DIFF	No	First program name		136
GCDSAGETM	BINARY	CMF	DFHMNTDS	TMRSCCGG	4	AVG	No	Number of GETMAIN requests in GCDSA	E640 E650 E660 E670	3296
GCDSASHWM	BINARY	CMF	DFHMNTDS	TMRCHWMG	4	AVG	No	Peak number of bytes used by task in GCDSA expressed in 4K pages	E640 E650 E660 E670	3300
GNQDELAY	SCLOCK12	CMF	DFHMNTDS	TMRGQDLY	12	MAX	No	Global ENQ delay time		1644
GUDSAGETM	BINARY	CMF	DFHMNTDS	TMRSCUGG	4	AVG	No	Number of GETMAIN requests in GUDSA	E640 E650 E660 E670	3304
GUDSASHWM	BINARY	CMF	DFHMNTDS	TMRUHWMG	4	AVG	No	Peak number of bytes used by task in GUDSA expressed in 4K pages	E640 E650 E660 E670	3308
ICCOUNT	BINARY	CMF	DFHMNTDS	TMRICC	4	AVG	No	Number of interval control starts		404
IDENT	CHAR	INQ	TASK	IDENTIFIER	48	DIFF	No	User data provided by the bridge exit		1076
IMSREQCT	BINARY	CMF	DFHMNTDS	TMRIMSRC	4	AVG	No	Total number of IMS requests		1628
IMSWAIT	SCLOCK12	CMF	DFHMNTDS	TMRIMSWT	12	MAX	No	IMS request wait time		1472
INDOUBT	CVDAS	INQ	TASK	INDOUBT	4	LIKE	No	Transaction in-doubt option		952
INDOUBT Output valid values	<ul style="list-style-type: none"> <li>• BACKOUT</li> <li>• COMMIT</li> </ul>									
INDOUBTFAIL	EYUDA	CPSM			4	LIKE	No	Recovery manager UOW indoubt failure		2316
INDOUBTFAIL Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
INDOUBTMINS	BINARY	INQ	TASK	INDOUBTMINS	4	AVG	No	In-doubt time (minutes)		956
INDOUBTWAIT	CVDAS	INQ	TASK	INDOUBTWAIT	4	LIKE	No	In-doubt wait option		960
INDOUBTWAIT Output valid values	<ul style="list-style-type: none"> <li>• WAIT</li> <li>• NOWAIT</li> </ul>									
INTVLC	BINARY	CMF	DFHMNTDS	TMRICTC	4	AVG	No	Number of interval control requests		1072
INTVLWAIT	SCLOCK12	CMF	DFHMNTDS	TMRICDLY	12	MAX	No	Interval control delay time		1024
IPFACCNT	BINARY	INQ	TASK	IPFLISTSIZE	4	AVG	No	Number of IP facilities associated with task	E640	2720



Table 982. TASK resource table attributes (continued)										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
IRIOTIME	SCLOCK12	CMF	DFHMNTDS	TMRIRWT	12	MAX	No	Inter-region communication I/O wait time		520
ISALWTT	SCLOCK12	STAT	DFHMNTDS	TMRISAWT	12	AVG	No	Delay time waiting for IPIC session allocation		3252
ISOLATEST	CVDAS	INQ	TASK	ISOLATEST	4	LIKE	No	Data isolation type		576
ISOLATEST Output valid values	<ul style="list-style-type: none"> <li>• NOISOLATE</li> <li>• ISOLATE</li> </ul>									
J8CPUT	SCLOCK12	CMF	DFHMNTDS	TMRJ8CPU	12	MAX	No	J8 TCB mode CPU time	E680+	1604
JCIOTIME	SCLOCK12	CMF	DFHMNTDS	TMRJCWT	12	MAX	No	Journal control I/O wait time		496
JCUSRWCNT	BINARY	CMF	DFHMNTDS	TMRJNLCT	4	AVG	No	Number of journal output requests	E510+	400
JRNLWRITREQ	BINARY	CMF	DFHMNTDS	TMRJNLCT	4	AVG	No	Number of journal write requests		888
JVMSUSP	SCLOCK12	CMF	DFHMNTDS	TMRJVMS	12	MAX	No	Total Java virtual machine (JVM) suspend time		1764
JVMTIME	SCLOCK12	CMF	DFHMNTDS	TMRJVMT	12	MAX	No	Total Java virtual machine (JVM) elapsed time		1752
L8CPUT	SCLOCK12	CMF	DFHMNTDS	TMRL8CPU	12	MAX	No	L8 TCB mode CPU time		1592
LOCKMGRWAIT	SCLOCK12	CMF	DFHMNTDS	TMRLMDLY	12	MAX	No	Lock manager wait time		988
LOGGRWRITREQ	BINARY	CMF	DFHMNTDS	TMRLGWCT	4	AVG	No	Number of CICS logger write requests		892
LPARNAME	CHAR	CMF	DFHMNTDS	TMRLPARN	8	DIFF	No	Logical partition name	E640 E650 E660 E670 E680 E690 E700	3688
LU61WTT	SCLOCK12	CMF	DFHMNTDS	TMR61WT	12	MAX	No	LU6.1 I/O wait time		776
LU62WTT	SCLOCK12	CMF	DFHMNTDS	TMR62WT	12	MAX	No	LU6.2 I/O wait time		788
LUNAME	CHAR	CMF	DFHMNTDS	TMRLUNM	8	DIFF	No	VTAM LU name		128
MAXTASKS	BINARY	CMF	DFHMNTDS	TMRMTSKS	4	AVG	No	Maximum tasks		3268
MPPRTXCD	BINARY	CMF	DFHMNTDS	TMRMPPTX	4	MAX	No	Number of actions triggered by policy task rules		3576
MPSRACT	BINARY	CMF	DFHMNTDS	TMRMPSRA	4	AVG	No	Number of actions triggered by policy system rules	E640 E650 E660 E670 E680 E690 E700	3684
MPSRECT	BINARY	CMF	DFHMNTDS	TMRMPSRE	4	AVG	No	Number of times policy system rules evaluated	E640 E650 E660 E670 E680 E690 E700	3680
MSCPUT	SCLOCK12	CMF	DFHMNTDS	TMRMSCPU	12	MAX	No	Other TCB mode CPU time		1580

Table 982. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
MSDISPT	SCLOCK12	CMF	DFHMNTDS	TMRMSDSP	12	MAX	No	Other TCB mode dispatch time		1568
MSGIN	BINARY	CMF	DFHMNTDS	TMRPINMC	4	AVG	No	Number of Primary TC message receives		176
MSGINSEC	BINARY	CMF	DFHMNTDS	TMRPINMC	4	AVG	No	Number of Secondary TC message receives		192
MSGOUT	BINARY	CMF	DFHMNTDS	TMRPOUMC	4	AVG	No	Number of Primary TC message sends		184
MSGOUTSEC	BINARY	CMF	DFHMNTDS	TMRPOUMC	4	AVG	No	Number of Secondary TC message sends		200
MXTDELAY	SCLOCK12	CMF	DFHMNTDS	TMRFDMTX	12	MAX	No	First dispatch delay time caused by MXT limit		752
MXTOTDLY	SCLOCK12	CMF	DFHMNTDS	TMRDLY	12	MAX	No	Maximum delay time on an open TCB		1520
NCGETCNT	BINARY	CMF	DFHMNTDS	TMRNCGET	4	AVG	No	Number of named counter get requests	E640 E650 E660 E670 E680 E690	3616
NETNAME	CHAR	CMF	DFHMNTDS	TMRNETPX	20	DIFF	No	Originating system netname		144
NETUOWID	HEX	CMF			27	MIN	No	Network id of UOW		2467
OAPPLID	CHAR	CMF	DFHMNTDS	TMROAPID	8	MAX	No	Originating application ID	E640	2744
OCLIPADR	CHAR	CMF	DFHMNTDS	TMROCIPA	40	MAX	No	Originating client IP address	E640	2840
OCLIPORT	BINARY	CMF	DFHMNTDS	TMROCPNO	4	MAX	No	Originating client port number	E640	2880
OFCTYNME	CHAR	CMF	DFHMNTDS	TMROFCTY	8	MAX	No	Originating facility name	E640	2892
OFFLCPUT	SCLOCK12	CMF	DFHMNTDS	TMROFCPT	12	MAX	No	Offload eligible on standard CP	E640 E650 E660 E670	3564
ONETWKID	CHAR	CMF	DFHMNTDS	TMRONWID	8	MAX	No	Originating network ID	E640	2724
OPORTNUM	BINARY	CMF	DFHMNTDS	TMROPRTN	4	MAX	No	Originating port number	E640	2836
ORIGIN TYPE	EYUDA	CPSM			4	LIKE	No	Transaction origin type		2300

Table 982. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
ORIGINTYPE Output valid values	<ul style="list-style-type: none"> <li>• NONE</li> <li>• TERMINAL</li> <li>• TDQUEUE</li> <li>• START</li> <li>• TERMSTART</li> <li>• SCHEDULED</li> <li>• XMRUN</li> <li>• BRIDGE</li> <li>• SOCKET</li> <li>• WEB</li> <li>• IIOP</li> <li>• RRS</li> <li>• LU61</li> <li>• LU62</li> <li>• MRO</li> <li>• ECI</li> <li>• IIRQRECV</li> <li>• RZSTTRPT</li> </ul>									
OSTART	TIMESTP	CMF	DFHMNTDS	TMROATT	8	MAX	No	Originating start time	E640	2736
OTCPVCE	CHAR	CMF	DFHMNTDS	TMROTCS	8	MAX	No	Originating TCPIP SERVICE name	E640	2828
OTRAN	CHAR	CMF	DFHMNTDS	TMROTID	4	MAX	No	Originating transaction ID	E640	2752
OTRANFLG	HEX	CMF	DFHMNTDS	TMROTFRG	8	MAX	No	Originating transaction flags	E640	2884
OTRANUM	DECIMAL	CMF	DFHMNTDS	TMROTNS	4	MAX	No	Originating task ID	E640	2732
OUSERCOR	CHAR	CMF	DFHMNTDS	TMROUSRC	64	MAX	No	Originating user correlation data	E640	2764
USERID	CHAR	CMF	DFHMNTDS	TMROUSID	8	MAX	No	Originating user ID	E640	2756
PC24RHWM	BINARY	CMF	DFHMNTDS	TMRPCRBH	4	AVG	No	Maximum read-only storage in RDSA		668
PC24SHWM	BINARY	CMF	DFHMNTDS	TMRPCSBH	4	AVG	No	Maximum shared storage in SDSA		676
PC31SHWM	BINARY	CMF	DFHMNTDS	TMRPCSAH	4	AVG	No	Maximum shared storage in ESDSA		672
PCDPLCT	BINARY	CMF	DFHMNTDS	TMRPCDPL	4	AVG	No	Distributed program link (DPL) request count		1696
PCLINKCNT	BINARY	CMF	DFHMNTDS	TMRPCLIC	4	AVG	No	Number of program link requests		388
PCLOADCNT	BINARY	CMF	DFHMNTDS	TMRPCLOC	4	AVG	No	Number of program load requests		396
PCLOADTM	SCLOCK12	CMF	DFHMNTDS	TMRPCLT	12	MAX	No	Program load time		544
PCLURMCT	BINARY	CMF	DFHMNTDS	TMRPCLUC	4	AVG	No	Number of user replaceable module (URM) links		1124
PCXCTLCNT	BINARY	CMF	DFHMNTDS	TMRPCXC	4	AVG	No	Program transfer control (XCTL) request count		392
PERFRECCNT	BINARY	CMF	DFHMNTDS	TMRPCNT	4	AVG	No	Number of performance records		824

Table 982. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
PGCSTHWM	BINARY	STAT	DFHMNTDS	TMRPGCSH	8	AVG	No	Maximum container storage allocated to task.	E640	2712
PRCSID	HEX	CMF	DFHMNTDS	TMRPRCID	52	MIN	No	BTS process ID		1200
PRCSNAME	CHAR	INQ	TASK	PROCESS	36	DIFF	No	BTS process name		1164
PRCSTYPE	CHAR	INQ	TASK	PROCESSTYPE	8	DIFF	No	BTS process type		1252
PRIORITY	BINARY	INQ	TASK	PRIORITY	4	AVG	Yes	Task priority		56
PROFILE	CHAR	INQ	TASK	PROFILE	8	DIFF	No	Task profile name		580
PSTG24HWM	BINARY	CMF	DFHMNTDS	TMRPCUSB	4	AVG	No	Maximum program storage below 16 MB line		284
PSTG31HWM	BINARY	CMF	DFHMNTDS	TMRPC31A	4	AVG	No	Maximum program storage above 16 MB line		288
PSTGHWM	BINARY	CMF	DFHMNTDS	TMRPCUSE	4	AVG	No	Maximum program storage across all DSAs		280
PURGEABILITY	CVDAS	INQ	TASK	PURGEABILITY	4	LIKE	No	Purgeability status		588
PURGEABILITY Output valid values	<ul style="list-style-type: none"> <li>PURGEABLE</li> <li>NOTPURGEABLE</li> </ul>									
PURGETYPE	CVDAS	INQ			4	LIKE	Yes	Purge Type		1784
PURGETYPE Input/output valid values	<ul style="list-style-type: none"> <li>PURGE</li> <li>FORCEPURGE</li> <li>KILL</li> <li>N_A</li> </ul>									
QRCPUT	SCLOCK12	CMF	DFHMNTDS	TMRQRCPU	12	MAX	No	CPU time used on QR TCB		1556
QRDISPT	SCLOCK12	CMF	DFHMNTDS	TMRQRDSP	12	MAX	No	Dispatch time whilst running on QR TCB		1544
QRMODDLY	SCLOCK12	CMF	DFHMNTDS	TMRQRDLY	12	MAX	No	QR TCB mode delay time		1532
RECOVERTOKN	HEX	CMF	DFHMNTDS	TMRRMUOW	8	MIN	No	Recovery manager unit of work ID		828
RECTYPE	CHAR	CMF	DFHMNTDS	TMRTYPE	4	DIFF	No	Record type		104
RECUNITID	HEX	INQ	DFHMNTDS	TMRRMUOW	8	MIN	No	Local unit of recovery ID	E510+	92
REMOTENAME	CHAR	INQ	TASK	REMOTENAME	4	DIFF	No	Remote transaction name		644
RESOLVEACT	EYUDA	CPSM			4	LIKE	No	Recovery manager UOW resolved with indoubt action		2304
RESOLVEACT Output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>									
RESPTIME	INTTSTP	CPSM			8	MAX	No	Task response time		2328
RESSEC	CVDAS	INQ	TASK	RESSEC	4	LIKE	No	Resource level security status		596
RESSEC Output valid values	<ul style="list-style-type: none"> <li>RESSECNO</li> <li>RESSECYES</li> </ul>									
RLSCPUT	SCLOCK12	CMF	DFHMNTDS	TMRRLSCP	12	MAX	No	CPU time used by VSAM record level sharing		1060

Table 982. TASK resource table attributes (continued)										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
RLSWAITIME	SCLOCK12	CMF	DFHMNTDS	TMRRLSWT	12	MAX	No	VSAM record level sharing wait time		908
RMISUSP	SCLOCK12	CMF	DFHMNTDS	TMRRMIS	12	MAX	No	RMI suspend time		812
RMITIME	SCLOCK12	CMF	DFHMNTDS	TMRRMIT	12	MAX	No	Total RMI elapsed time		800
ROFAIL	EYUDA	CPSM			4	LIKE	No	Recovery manager UOW resource owner failure		2320
ROFAIL Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
ROMODDLY	SCLOCK12	STAT	DFHMNTDS	TMRRODLY	12	AVG	No	RO TCB mode delay time		3216
ROPS31HWM	BINARY	CMF	DFHMNTDS	TMRPCRAH	4	AVG	No	Maximum program storage in ERDSA		308
ROUTING	CVDAS	INQ	TASK	ROUTING	4	LIKE	No	Dynamic routing type		592
ROUTING Output valid values	<ul style="list-style-type: none"> <li>• DYNAMIC</li> <li>• STATIC</li> </ul>									
RRMSURID	HEX	CMF	DFHMNTDS	TMRURID	16	MIN	No	RRMS/MVS unit of recovery ID		1680
RRMSWAIT	SCLOCK12	CMF	DFHMNTDS	TMRRRSWT	12	MAX	No	RRMS/MVS syncpoint coordination delay time		1656
RSVD1	SCLOCK12	CMF			12	MAX	No	Reserved space		968
RSVD2	EYUDA	CMF			4	LIKE	No	Reserved space		980
RSVD2 Output valid values	<ul style="list-style-type: none"> <li>• N_A</li> </ul>									
RSYSID	CHAR	CMF	DFHMNTDS	TMRRSYS	4	DIFF	No	Remote system ID		648
RTIMEOUT	BINARY	INQ	TASK	RTIMEOUT	4	AVG	No	Read timeout (seconds)		600
RUNAWAY	BINARY	INQ	TASK	RUNAWAY	4	AVG	No	Runaway task time (milliseconds)		604
RUNSTATUS	CVDAS	INQ	TASK	RUNSTATUS	4	LIKE	No	Dispatch status		68
RUNSTATUS Output valid values	<ul style="list-style-type: none"> <li>• DISPATCHABLE</li> <li>• RUNNING</li> <li>• SUSPENDED</li> </ul>									
RUNTRWTT	SCLOCK12	CMF	DFHMNTDS	TMRTRWTT	12	MAX	No	Run synchronous transaction wait time		1400
S8CPU	SCLOCK12	CMF	DFHMNTDS	TMRSC8CPU	12	MAX	No	S8 TCB mode CPU time		1616
SCRNSIZE	CVDAS	INQ	TASK	SCRNSIZE	4	LIKE	No	Screen size		608
SCRNSIZE Output valid values	<ul style="list-style-type: none"> <li>• ALTERNATE</li> <li>• DEFAULT</li> </ul>									
SHAREDTSWAIT	SCLOCK12	CMF	DFHMNTDS	TMRTSHWT	12	MAX	No	Shared temporary storage wait time		1048
SHSTGBYTEFMA	BINARY	CMF	DFHMNTDS	TMRSC31F	4	AVG	No	FREEMAIN byte count of shared storage above 16MB		884
SHSTGBYTEFMB	BINARY	CMF	DFHMNTDS	TMRSC24F	4	AVG	No	FREEMAIN byte count of shared storage below 16MB		872
SHSTGBYTEFMG	BINARY	CMF	DFHMNTDS	TMRSC64F	4	AVG	No	The total number of FREEMAIN bytes of shared storage above the bar.	E640 E650 E660 E670	3320

Table 982. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
SHSTGBYTEGMA	BINARY	CMF	DFHMNTDS	TMRSC31G	4	AVG	No	GETMAIN byte count of shared storage above 16MB		880
SHSTGBYTEGMB	BINARY	CMF	DFHMNTDS	TMRSC24G	4	AVG	No	GETMAIN byte count of shared storage below 16MB		868
SHSTGBYTEGMG	BINARY	CMF	DFHMNTDS	TMRSC64G	4	AVG	No	GETMAIN byte count of shared storage above the bar	E640 E650 E660 E670	3316
SHSTGGMCABV	BINARY	CMF	DFHMNTDS	TMRSC31S	4	AVG	No	Shared storage GETMAIN request count above 16MB		876
SHSTGGMCBAR	BINARY	CMF	DFHMNTDS	TMRSC64S	4	AVG	No	Shared storage GETMAIN request count above the bar	E640 E650 E660 E670	3312
SHSTGGMCBEL	BINARY	CMF	DFHMNTDS	TMRSC24S	4	AVG	No	Shared storage GETMAIN request count below 16MB		864
SHUNTED	EYUDA	CPSM			4	LIKE	No	Recovery manager UOW shunted		2308
SHUNTED Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
SMMVSSWT	SCLOCK12	CMF	DFHMNTDS	TMRSMWWT	12	MAX	No	MVS SOS wait time	E640 E650 E660 E670 E680 E690 E700 E710 E720	3732
SOBYDECT	BINARY	CMF	DFHMNTDS	TMRSOBDE	4	AVG	No	Number of socket bytes decrypted		1744
SOBYENCT	BINARY	CMF	DFHMNTDS	TMRSOBEN	4	AVG	No	Number of socket bytes encrypted		1740
SOCIPHER	HEX	CMF	DFHMNTDS	TMRSOCPH	4	DIFF	No	Cipher selected		3264
SOCONMSG	CHAR	CMF	DFHMNTDS	TMRSOCNM	4	DIFF	No	Indicate the task processed the first message in connection	E640 E650 E660 E670 E680 E690 E700 E710	3696
SOIOWTT	SCLOCK12	CMF	DFHMNTDS	TMRSOWT	12	MAX	No	TCP/IP sockets I/O wait time		1668
SOMODDLY	SCLOCK12	STAT	DFHMNTDS	TMRSDOLY	12	AVG	No	SO TCB mode delay time		3228
SRVSYWTT	SCLOCK12	CMF	DFHMNTDS	TMRSYWTT	12	MAX	No	CFDT syncpoint wait time		1148
START	TIMESTP	CMF	DFHMNTDS	TMRATTT	8	MAX	No	Task start time		112
STARTCODE	CHAR	INQ	TASK	STARTCODE	2	DIFF	No	Start code		556
STOP	TIMESTP	CMF	DFHMNTDS	TMRDETT	8	MAX	No	Task stop time		120
STORAGECLEAR	CVDAS	INQ	TASK	STORAGECLEAR	4	LIKE	No	Storage clearance status		612

Table 982. TASK resource table attributes (continued)										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
STORAGECLEAR Output valid values	<ul style="list-style-type: none"> <li>CLEAR</li> <li>NOCLEAR</li> </ul>									
SUBEXECOMP	EYUDA	CPSM			4	LIKE	No	WLM subset of execution phase complete		2296
SUBEXECOMP Output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>									
SUSPENDTIME	INTSEC	INQ	TASK	SUSPENDTIME	4	MAX	No	Time task has been suspended		28
SUSPENDTYPE	CHAR	INQ	TASK	SUSPENDTYPE	8	DIFF	No	Reason task is suspended		32
SUSPENDVALUE	CHAR	INQ			16	DIFF	No	Resource for which task is waiting		40
SUSPTIME	SCLOCK12	CMF	DFHMNTDS	TMRSTUST	12	MAX	No	Task suspend time		436
SYNCCOUNT	BINARY	CMF	DFHMNTDS	TMRSPPC	4	AVG	No	Number of syncpoint requests		408
SYNCDLY	SCLOCK12	CMF	DFHMNTDS	TMRSDLY	12	MAX	No	Waiting for parent syncpoint delay time		1412
SYNCPWAITTM	SCLOCK12	CMF	DFHMNTDS	TMRSYNCT	12	MAX	No	Syncpoint wait time		896
SZALLCTO	BINARY	CMF	DFHMNTDS	TMRSZATO	4	AVG	No	Number of FEPI allocate timeouts		704
SZALLOCT	BINARY	CMF	DFHMNTDS	TMRSZACT	4	AVG	No	Number of FEPI allocate requests		680
SZCHRIN	BINARY	CMF	DFHMNTDS	TMRSZCIN	4	AVG	No	Number of FEPI characters received		700
SZCHROUT	BINARY	CMF	DFHMNTDS	TMRSZCOT	4	AVG	No	Number of FEPI characters sent		696
SZRCVCT	BINARY	CMF	DFHMNTDS	TMRSZRCT	4	AVG	No	Number of FEPI receive requests		684
SZRCVTO	BINARY	CMF	DFHMNTDS	TMRSZRTO	4	AVG	No	Number of FEPI receive timeouts		708
SZSENDCT	BINARY	CMF	DFHMNTDS	TMRSZSCT	4	AVG	No	Number of FEPI send requests		688
SZSTRCT	BINARY	CMF	DFHMNTDS	TMRSZTCT	4	AVG	No	Number of FEPI start requests		692
SZTOTCT	BINARY	CMF	DFHMNTDS	TMRSZTOT	4	AVG	No	Total number of FEPI requests		712
SZWAIT	SCLOCK12	CMF	DFHMNTDS	TMRSZWT	12	MAX	No	FEPI suspend time		716
TASKDATAKEY	CVDAS	INQ	TASK	TASKDATAKEY	4	LIKE	No	Data storage key		616
TASKDATAKEY Output valid values	<ul style="list-style-type: none"> <li>CICSDATAKEY</li> <li>USERDATAKEY</li> </ul>									
TASKDATALOC	CVDAS	INQ	TASK	TASKDATALOC	4	LIKE	No	Data location		620
TASKDATALOC Output valid values	<ul style="list-style-type: none"> <li>BELOW</li> <li>ANY</li> </ul>									
TASKFLAG	BINARY	CMF	DFHMNTDS	TMRERROR	4	AVG	No	Transaction error flags		164
TCALWTT	SCLOCK12	STAT	DFHMNTDS	TMRTCAWT	12	AVG	No	Delay time waiting for session allocation		3240
TCB	CVDAS	INQ	TASK	TCB	4	LIKE	No	CICS TCB type		1160

Table 982. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
TCB Output valid values	<ul style="list-style-type: none"> <li>• CKOPEN</li> <li>• UKOPEN</li> <li>• QR</li> <li>• INTERNAL</li> </ul>									
TCBATTCT	BINARY	CMF	DFHMNTDS	TMRTCBAC	4	AVG	No	Number of CICS dispatcher TCB attaches		1640
TCC62IN2	BINARY	CMF	DFHMNTDS	TMR62ICH	4	AVG	No	Number of secondary LU6.2 characters received		656
TCC62OU2	BINARY	CMF	DFHMNTDS	TMR62OCH	4	AVG	No	Number of secondary LU6.2 characters sent		664
TCIOTIME	SCLOCK12	CMF	DFHMNTDS	TMRTCW	12	MAX	No	Terminal I/O wait time		472
TCLDELAY	SCLOCK12	CMF	DFHMNTDS	TMRFDCTL	12	MAX	No	First dispatch delay time caused by TCL		740
TCM62IN2	BINARY	CMF	DFHMNTDS	TMR62IMC	4	AVG	No	Number of secondary LU6.2 messages received		652
TCM62OU2	BINARY	CMF	DFHMNTDS	TMR62OMC	4	AVG	No	Number of secondary LU6.2 messages sent		660
TDCOUNT	BINARY	CMF	DFHMNTDS	TMRTDTC	4	AVG	No	Total number of transient data requests		352
TDELWTT	SCLOCK12	STAT	DFHMNTDS	TMRTDELW	12	AVG	No	TD extrapartition lock wait time		3204
TDGETCNT	BINARY	CMF	DFHMNTDS	TMRTDGC	4	AVG	No	Number of transient data get requests		340
TDILWTT	SCLOCK12	STAT	DFHMNTDS	TMRTDILW	12	AVG	No	TD intrapartition lock wait time		3192
TDIOTIME	SCLOCK12	CMF	DFHMNTDS	TMRTDWT	12	MAX	No	Transient data I/O wait time		532
TDPURCNT	BINARY	CMF	DFHMNTDS	TMRTDRC	4	AVG	No	Number of transient data purge requests		348
TDPUTCNT	BINARY	CMF	DFHMNTDS	TMRTDPC	4	AVG	No	Number of transient data put requests		344
TERMCONNAME	CHAR	CMF	DFHMNTDS	TMRTCECNM	4	DIFF	No	Terminal connection name		860
TERMID	CHAR	CMF	DFHMNTDS	TMRTCEID	4	DIFF	No	Actual terminal ID or session ID		1748
TERMNALINFO	HEX	CMF	DFHMNTDS	TMRTCEINF	4	MIN	No	Terminal information		920
TERMSTG	BINARY	CMF			4	AVG	No	Terminal storage	E410+	212
TMRATMSN	CHAR	CMF	DFHMNTDS	TMRATMSN	8	DIFF	No	Atom Service name	E640E650	3032
TMRBFDGC	BINARY	CMF	DFHMNTDS	TMRBFDGC	4	AVG	No	Total number of BIF DIGEST requests	E640E650	3088
TMRBFTC	BINARY	CMF	DFHMNTDS	TMRBFTC	4	AVG	No	Total number of BIF requests	E640E650	3092
TMRCBRNM	CHAR	CMF	DFHMNTDS	TMRCBRNM	4	LIKE	No	CorbaServer name	E680+	2352
TMRCFACT	BINARY	STAT	DFHMNTDS	TMRCFACT	4	AVG	No	Number OO class library API requests		2048
TMRCIPOR	BINARY	CMF	DFHMNTDS	TMRCIPOR	4	MAX	No	Client IP Port	E640	2916
TMRCMDLY	SCLOCK12	CMF	DFHMNTDS	TMRCMDLY	12	AVG	No	CICS TCB Change Mode delay time		2620



Table 982. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
TMRDHDLC	BINARY	CMF	DFHMNTDS	TMRDHDLC	4	AVG	No	Number of Document Delete requests	E640	2700
TMRDSCWT	SCLOCK12	CMF	DFHMNTDS	TMRDSCWT	12	MAX	No	MVS DS storage constraint wait time		2432
TMRDSMWT	SCLOCK12	CMF	DFHMNTDS	TMRDSMWT	12	MAX	No	Dispatcher TCB mismatch wait time		2420
TMRDSTHW	BINARY	CMF	DFHMNTDS	TMRDSTHW	4	AVG	No	CICS dispatcher TCB high water mark		2356
TMRECEVC	BINARY	CMF	DFHMNTDS	TMRECEVC	4	AVG	No	Number of EVENTS captured	E640 E650	3012
TMRECFOC	BINARY	CMF	DFHMNTDS	TMRECFOC	4	AVG	No	Number of event filter requests	E640 E650	3008
TMRECSEC	BINARY	CMF	DFHMNTDS	TMRECSEC	4	MAX	No	Number of synchronous emission events captured	E640 E650 E660	3188
TMRECSGE	BINARY	CMF	DFHMNTDS	TMRECSGE	4	AVG	No	Number of SIGNAL EVENT requests	E640 E650	3004
TMREICTC	BINARY	CMF	DFHMNTDS	TMREICTC	4	AVG	No	Total number of EXEC CICS requests	E640 E650	3000
TMREJBAC	BINARY	CMF	DFHMNTDS	TMREJBAC	4	AVG	No	Number of bean state activation requests	E680+	2360
TMREJBCC	BINARY	CMF	DFHMNTDS	TMREJBCC	4	AVG	No	Number of bean creation requests	E680+	2368
TMREJBPC	BINARY	CMF	DFHMNTDS	TMREJBPC	4	AVG	No	Number of bean state passivation requests	E680+	2364
TMREJBRC	BINARY	CMF	DFHMNTDS	TMREJBRC	4	AVG	No	Number of bean removal requests	E680+	2372
TMREJBTC	BINARY	CMF	DFHMNTDS	TMREJBTC	4	AVG	No	Total number of Enterprise bean requests	E680+	2380
TMREJMCT	BINARY	CMF	DFHMNTDS	TMREJMCT	4	AVG	No	Number of Enterprise bean method calls	E680+	2376
TMRHTDLY	SCLOCK12	STAT	DFHMNTDS	TMRHTDLY	12	AVG	No	Maximum Hot-Pooling TCB delay time	E640+	2188
TMRICSCC	BINARY	CMF	DFHMNTDS	TMRICSCC	4	AVG	No	Total local START CHANNEL requests		2656
TMRICSCD	BINARY	CMF	DFHMNTDS	TMRICSCD	4	AVG	No	Data length of all local START CHANNEL requests		2660
TMRICSRC	BINARY	CMF	DFHMNTDS	TMRICSRC	4	AVG	No	Total remote START CHANNEL requests		2664
TMRICSRD	BINARY	CMF	DFHMNTDS	TMRICSRD	4	AVG	No	Data length of all remote START CHANNEL requests		2668
TMRISACT	BINARY	CMF	DFHMNTDS	TMRISACT	4	MAX	No	Number of IPCONN allocate requests	E640	2928
TMRISCNM	CHAR	CMF	DFHMNTDS	TMRISCNM	8	MAX	No	IPCONN Name	E640	2920
TMRISWT	SCLOCK12	CMF	DFHMNTDS	TMRISWT	12	MAX	No	IPCONN I/O wait time	E640	2932
TMRJ9CPU	SCLOCK12	CMF	DFHMNTDS	TMRJ9CPU	12	MAX	No	J9 TCB mode CPU time	E680+	2408
TMRJSTWT	SCLOCK12	CMF	DFHMNTDS	TMRJSTWT	12	MAX	No	JVM server thread wait time	E640 E650	2944

Table 982. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
TMRJTDLY	SCLOCK12	STAT	DFHMNTDS	TMRJTDLY	12	AVG	No	Maximum Java virtual machine (JVM) TCB delay time	E680 +	2176
TMRJVMIT	SCLOCK12	STAT	DFHMNTDS	TMRJVMIT	12	AVG	No	Java virtual machine elapsed time - initialise		2248
TMRJVMRT	SCLOCK12	STAT	DFHMNTDS	TMRJVMRT	12	AVG	No	Java virtual machine elapsed time - resetting		2260
TMRKY8CP	SCLOCK12	STAT	DFHMNTDS	TMRKY8CP	12	AVG	No	User task key 8 mode CPU time		2164
TMRKY8DS	SCLOCK12	STAT	DFHMNTDS	TMRKY8DS	12	AVG	No	User task key 8 mode dispatch time		2152
TMRKY9CP	SCLOCK12	STAT	DFHMNTDS	TMRKY9CP	12	AVG	No	User task key 9 mode CPU time		2396
TMRKY9DS	SCLOCK12	STAT	DFHMNTDS	TMRKY9DS	12	AVG	No	User task key 9 mode dispatch time		2384
TMRL9CPU	SCLOCK12	CMF	DFHMNTDS	TMRL9CPU	12	MAX	No	User task L9 mode CPU time		2672
TMRMLCTM	SCLOCK12	CMF	DFHMNTDS	TMRMLCTM	12	MAX	No	XML System Services CPU time	E640 E650	3100
TMRMLTDL	BINARY	CMF	DFHMNTDS	TMRMLTDL	4	AVG	No	Total document length	E640 E650	3096
TMRMLXTC	BINARY	CMF	DFHMNTDS	TMRMLXTC	4	AVG	No	Number of EXEC CICS XML TRANSFORM requests	E640 E650	2956
TMRMQAST	SCLOCK12	CMF			12	MAX	No	WebSphere MQ API SRB timeme	E640 E650	3176
TMRMQGWT	SCLOCK12	CMF	DFHMNTDS	TMRMQGWT	12	MAX	No	WebSphere MQ Getwait wait time	E640	2904
TMRNETID	CHAR	STAT	DFHMNTDS	TMRNETID	8	DIFF	No	Network id		1900
TMRNETSX	HEX	CMF	DFHMNTDS	TMRNETSX	8	DIFF	No	LU6.2 network-wide UOW instance and sequence number		2336
TMRNJAPN	CHAR	CMF	DFHMNTDS	TMRNJAPN	32	DIFF	No	Node.js Application name	E640 E650 E660 E670 E680 E690 E700 E710	3700
TMROIDWT	SCLOCK12	STAT	DFHMNTDS	TMROIDWT	12	AVG	No	OTS indoubt wait time		2236
TMROTSID	CHAR	STAT	DFHMNTDS	TMROTSID	128	DIFF	No	OTS transaction id		1920
TMRPCDCC	BINARY	CMF	DFHMNTDS	TMRPCDCC	4	AVG	No	Number of DPL program link requests with channel		2512
TMRPCDLL	BINARY	CMF	DFHMNTDS	TMRPCDLL	4	AVG	No	Data length of all DPL program links with channel		2496
TMRPCDRL	BINARY	CMF	DFHMNTDS	TMRPCDRL	4	AVG	No	Total data length of all DPL returns with channel		2500
TMRPCLCC	BINARY	CMF	DFHMNTDS	TMRPCLCC	4	AVG	No	Number of program link requests with channel		2504
TMRPCRC	BINARY	CMF	DFHMNTDS	TMRPCRC	4	AVG	No	Number of program return requests with channel		2516

Table 982. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
TMRPCRCL	BINARY	CMF	DFHMNTDS	TMRPCRCL	4	AVG	No	Data length of all program returns with channel		2520
TMRPCXCC	BINARY	CMF	DFHMNTDS	TMRPCXCC	4	AVG	No	Number of program XCTL requests with channel		2508
TMRPGBCC	BINARY	CMF	DFHMNTDS	TMRPGBCC	4	AVG	No	Number of browse container channel requests		2528
TMRPGCCC	BINARY	CMF	DFHMNTDS	TMRPGCCC	4	AVG	No	Number of containers created for channel containers		2696
TMRPGCTC	BINARY	CMF	DFHMNTDS	TMRPGCTC	4	AVG	No	Total number of channel data container requests		2524
TMRPGGCC	BINARY	CMF	DFHMNTDS	TMRPGGCC	4	AVG	No	Number of get container channel requests		2532
TMRPGGCL	BINARY	CMF	DFHMNTDS	TMRPGGCL	8	AVG	No	Data length of all get container channel requests		2544
TMRPGMCC	BINARY	CMF	DFHMNTDS	TMRPGMCC	4	AVG	No	Number of move container channel requests		2540
TMRPGPCC	BINARY	CMF	DFHMNTDS	TMRPGPCC	4	AVG	No	Number of put container channel requests		2536
TMRPGPCL	BINARY	CMF	DFHMNTDS	TMRPGPCL	8	AVG	No	Data length of all put container channel requests		2552
TMRPIPLN	CHAR	CMF	DFHMNTDS	TMRPIPLN	8	DIFF	No	Pipeline name	E640 E650	3024
TMRPORTN	BINARY	STAT	DFHMNTDS	TMRPORTN	4	AVG	No	TCP/IP service port number		1916
TMRPTPWT	SCLOCK12	STAT	DFHMNTDS	TMRPTPWT	12	AVG	No	Partner wait time		2272
TMRRLUNM	CHAR	STAT	DFHMNTDS	TMRRLUNM	8	DIFF	No	Real LUNAME		1908
TMRROCPU	SCLOCK12	STAT	DFHMNTDS	TMRROCPU	12	AVG	No	User task RO mode CPU time		2140
TMRRODSP	SCLOCK12	STAT	DFHMNTDS	TMRRODSP	12	AVG	No	User task RO mode dispatch time		2128
TMRROPWT	SCLOCK12	STAT	DFHMNTDS	TMRROPWT	12	AVG	No	Request processor wait time		2224
TMRQRWT	SCLOCK12	STAT	DFHMNTDS	TMRQRWT	12	AVG	No	Request receiver wait time		2212
TMRSOCIN	BINARY	STAT	DFHMNTDS	TMRSOCIN	4	AVG	No	Number characters received		2096
TMRSOCNS	BINARY	STAT	DFHMNTDS	TMRSOCNS	4	AVG	No	Number CREATE non-persistent socket requests		2076
TMRSOCOT	BINARY	STAT	DFHMNTDS	TMRSOCOT	4	AVG	No	Number characters sent		2104
TMRSOCPS	BINARY	STAT	DFHMNTDS	TMRSOCPS	4	AVG	No	Number CREATE persistent socket requests		2080
TMRSOERC	BINARY	STAT	DFHMNTDS	TMRSOERC	4	AVG	No	EXTRACT TCPIP and EXTRACT CERTIFICATE request count		2072
TMRSOI1C	BINARY	STAT	DFHMNTDS	TMRSOI1C	4	AVG	No	Number inbound socket characters received		2116

Table 982. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
TMRSOIMC	BINARY	STAT	DFHMNTDS	TMRSOIMC	4	AVG	No	Number inbound socket receive requests		2112
TMRSONHW	BINARY	STAT	DFHMNTDS	TMRSONHW	4	AVG	No	Non-persistent socket HWM		2084
TMRSOO1C	BINARY	STAT	DFHMNTDS	TMRSOO1C	4	AVG	No	Number inbound socket characters sent		2124
TMRSOOMC	BINARY	STAT	DFHMNTDS	TMRSOOMC	4	AVG	No	Number inbound socket send requests		2120
TMRSOOWT	SCLOCK12	STAT	DFHMNTDS	TMRSOOWT	12	AVG	No	Outbound socket I/O wait time		2200
TMR SOPHW	BINARY	STAT	DFHMNTDS	TMR SOPHW	4	AVG	No	Persistent socket HWM		2088
TMRSORCT	BINARY	STAT	DFHMNTDS	TMRSORCT	4	AVG	No	Number socket receive requests		2092
TMR SOSCT	BINARY	STAT	DFHMNTDS	TMR SOSCT	4	AVG	No	Number socket send requests		2100
TMR SOTC	BINARY	STAT	DFHMNTDS	TMR SOTC	4	AVG	No	Total number socket requests		2108
TMRSTDLY	SCLOCK12	CMF	DFHMNTDS	TMRSTDLY	12	AVG	No	Maximum CICS SSL TCB delay time		2596
TMRT8CPU	SCLOCK12	CMF	DFHMNTDS	TMRT8CPU	12	MAX	No	User task T8 mode cpu time	E640 E650	2976
TMRTCP SV	CHAR	CMF	DFHMNTDS	TMRTCP SV	8	DIFF	No	TCP/IP Service name		2344
TMRTGPID	HEX	STAT	DFHMNTDS	TMRTGPID	28	DIFF	No	Transaction group id		1872
TMRTIATC	BINARY	CMF	DFHMNTDS	TMRTIATC	4	AVG	No	Number of EXEC CICS ASKTIME requests	E640 E650	3080
TMRTITC	BINARY	CMF	DFHMNTDS	TMRTITC	4	AVG	No	Total number of EXEC CICS xxxTIME requests	E640 E650	3084
TMRTSRN	DECIMAL	STAT	DFHMNTDS	TMRTSRN	4	MAX	No	Transaction sequence number		1868
TMRTDLY	SCLOCK12	CMF	DFHMNTDS	TMRTDLY	12	MAX	No	Maximim thread TCB delay time	E640 E650	2988
TMRURIMN	CHAR	CMF	DFHMNTDS	TMRURIMN	8	DIFF	No	URI map name	E640 E650	3016
TMRWBBOC	BINARY	CMF	DFHMNTDS	TMRWBBOC	4	AVG	No	Number of web browse requests		2592
TMRWB BRC	BINARY	STAT	DFHMNTDS	TMRWB BRC	4	AVG	No	Number WEB BROWSE requests		2060
TMRWB ERC	BINARY	STAT	DFHMNTDS	TMRWB ERC	4	AVG	No	Number WEB EXTRACT requests		2056
TMRWBI1C	BINARY	CMF	DFHMNTDS	TMRWBI1C	4	AVG	No	Number of bytes received by web requests		2576
TMRWBIRC	BINARY	CMF	DFHMNTDS	TMRWBIRC	4	AVG	No	Number of web receive requests		2572
TMRWBIWC	BINARY	CMF	DFHMNTDS	TMRWBIWC	4	AVG	No	Number of invoke web service requests		2560
TMRWBO1C	BINARY	CMF	DFHMNTDS	TMRWBO1C	4	AVG	No	Number of bytes sent by web send requests		2584
TMRWBOSC	BINARY	CMF	DFHMNTDS	TMRWBOSC	4	AVG	No	Number of web send requests		2580
TMRWBPRC	BINARY	CMF	DFHMNTDS	TMRWBPRC	4	AVG	No	Number of web parse requests		2588

Table 982. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
TMRWBRDL	BINARY	CMF	DFHMNTDS	TMRWBRDL	4	AVG	No	Data length of data read from the repository		2688
TMRWBROC	BINARY	CMF	DFHMNTDS	TMRWBROC	4	AVG	No	Number of web read requests		2564
TMRWBRPR	BINARY	STAT	DFHMNTDS	TMRWBRPR	4	AVG	No	Number repository reads		2052
TMRWBRRRC	BINARY	STAT	DFHMNTDS	TMRWBRRRC	4	AVG	No	Number WEB READ requests		2064
TMRWBWDL	BINARY	CMF	DFHMNTDS	TMRWBWDL	4	AVG	No	Data length of data written to the repository		2692
TMRWBWOC	BINARY	CMF	DFHMNTDS	TMRWBWOC	4	AVG	No	Number of web write requests		2568
TMRWBWRC	BINARY	STAT	DFHMNTDS	TMRWBWRC	4	AVG	No	Number WEB WRITE requests		2068
TMRWMQRC	BINARY	CMF	DFHMNTDS	TMRWMQRC	4	MAX	No	Total number Websphere MQ requests	E640	2900
TMRWPBMN	CHAR	CMF	DFHMNTDS	TMRWPBMN	8	DIFF	No	Program name	E640 E650	3072
TMRWSATC	BINARY	CMF	DFHMNTDS	TMRWSATC	4	AVG	No	Total number of WS addressing requests	E640 E650	2972
TMRWSCBC	BINARY	CMF	DFHMNTDS	TMRWSCBC	4	AVG	No	Number of WSACONTEXT BUILD requests	E640 E650	2960
TMRWSCGC	BINARY	CMF	DFHMNTDS	TMRWSCGC	4	AVG	No	Number of WSACONTEXT GET requests	E640 E650	2964
TMRWSEPC	BINARY	CMF	DFHMNTDS	TMRWSEPC	4	AVG	No	Number of WSAEPR create requests	E640 E650	2968
TMRWSOPN	CHAR	CMF	DFHMNTDS	TMRWSOPN	64	DIFF	No	Web Services Operation name	E640 E650	3112
TMRWSVCN	CHAR	CMF	DFHMNTDS	TMRWSVCN	32	DIFF	No	Webservice name	E640 E650	3040
TMRX8CPU	SCLOCK12	CMF	DFHMNTDS	TMRX8CPU	12	AVG	No	User task X8 mode CPU time		2632
TMRX9CPU	SCLOCK12	CMF	DFHMNTDS	TMRX9CPU	12	AVG	No	User task X9 mode CPU time		2644
TMRXTDLY	SCLOCK12	CMF	DFHMNTDS	TMRXTDLY	12	AVG	No	Maximum CICS XPLink TCB delay time		2608
TRACING	CVDAS	INQ	TASK	TRACING	4	LIKE	No	Task tracing type		624
TRACING Output valid values	<ul style="list-style-type: none"> <li>• SPECTRACE</li> <li>• STANTRACE</li> <li>• SPRSTRACE</li> </ul>									
TRANCLASS	CHAR	INQ	TASK	TRANCLASS	8	DIFF	No	Transaction class		72
TRANFLAGS	HEX	CMF	DFHMNTDS	TMRTFLG	8	MIN	No	Transaction flags		852
TRANID	CHAR	INQ	TASK	TRANSACTION	4	DIFF	No	Transaction		80
TRANPRIORITY	BINARY	INQ	TASK	TRANPRIORITY	4	AVG	No	Transaction priority		628
TRANATYPE	CHAR	CMF	DFHMNTDS	TMRTTRY	4	DIFF	No	Transaction type		100
TRPROF	CHAR	INQ	TASK	TRPROF	8	DIFF	No	Transaction routing profile name		632
TSCOUNT	BINARY	CMF	DFHMNTDS	TMRTSTC	4	AVG	No	Total number of temporary storage requests		368
TSGETCNT	BINARY	CMF	DFHMNTDS	TMRTSGC	4	AVG	No	Number of temporary storage gets		356

Table 982. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
TSGETSCNT	BINARY	CMF	DFHMNTDS	TMRTSGSC	4	AVG	No	Number of TS gets to shared storage	E640 E650 E660 E670 E680 E690	3608
TSIOTIME	SCLOCK12	CMF	DFHMNTDS	TMRTSWT	12	MAX	No	Temporary storage I/O wait time		508
TSPUTACNT	BINARY	CMF	DFHMNTDS	TMRTSPAC	4	AVG	No	Number of TS puts to auxiliary storage		360
TSPUTMCNT	BINARY	CMF	DFHMNTDS	TMRTSPMC	4	AVG	No	Number of TS puts to main storage		364
TSPUTCNT	BINARY	CMF	DFHMNTDS	TMRTSPSC	4	AVG	No	Number of TS puts to shared storage	E640 E650 E660 E670 E680 E690	3612
TWASIZE	BINARY	INQ	TASK	TWASIZE	4	AVG	No	Size in bytes of transaction work area (TWA)		640
UNITOFWORK	HEX	INQ	TASK	UOW	16	MIN	No	Local unit of work (UOW) ID		936
UNSHUNTED	EYUDA	CPSM			4	LIKE	No	Recovery manager UOW unshunted		2312
UNSHUNTED Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
UOWID	HEX	CMF	DFHMNTDS	TMRNETSX	8	MIN	No	Network UOW instance and sequence number		60
USERID	CHAR	INQ	TASK	USERID	8	DIFF	No	User ID		84
USRPS24HWM	BINARY	CMF	DFHMNTDS	TMRPCUSB	4	AVG	No	Maximum program storage in UDSA		296
USRPS31HWM	BINARY	CMF	DFHMNTDS	TMRPC31A	4	AVG	No	Maximum program storage in EUDSA		292
USTG24CNT	BINARY	CMF	DFHMNTDS	TMRSCUGB	4	AVG	No	User storage GETMAIN request count below 16MB		216
USTG24HWM	BINARY	CMF	DFHMNTDS	TMRUSHWB	4	AVG	No	Peak number of bytes used by task in UDSA		232
USTG24OCC	BINARY	CMF	DFHMNTDS	TMRUTSOB	8	AVG	No	Average storage usage below 16 MB line		248
USTG31CNT	BINARY	CMF	DFHMNTDS	TMRSCUGA	4	AVG	No	User storage GETMAIN request count above 16MB		220
USTG31HWM	BINARY	CMF	DFHMNTDS	TMRUSHWA	4	AVG	No	Peak number of bytes used by task in EUDSA		236
USTG31OCC	BINARY	CMF	DFHMNTDS	TMRUTSOA	8	AVG	No	Average storage usage above 16 MB line		256
WAITTIME	SCLOCK12	CMF	DFHMNTDS	TMRDWT	12	MAX	No	Dispatch wait time		448
WBCHRIN	BINARY	CMF	DFHMNTDS	TMRWBCIN	4	AVG	No	Number of characters received via WEB requests		1428
WBCHROUT	BINARY	CMF	DFHMNTDS	TMRWBCOT	4	AVG	No	Number of characters sent via WEB requests		1436
WBISSFCT	BINARY	CMF	DFHMNTDS	TMRWSSFC	4	MAX	No	INVOKE SOAP service faults	E640 E650	3596

Table 982. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
WBJSNRPL	BINARY	CMF	DFHMNTDS	TMRJSRPL	4	AVG	No	JSON response body length	E640 E650 E660 E670 E680 E690	3624
WBJSNRQL	BINARY	CMF	DFHMNTDS	TMRJSRQL	4	AVG	No	JSON request body length	E640 E650 E660 E670 E680 E690	3620
WBRCVCT	BINARY	CMF	DFHMNTDS	TMRWBRCT	4	AVG	No	Number of WEB receive requests		1424
WBREPWCT	BINARY	CMF	DFHMNTDS	TMRWBRPW	4	AVG	No	Number of WEB repository writes		1444
WSENDCT	BINARY	CMF	DFHMNTDS	TMRWBSCT	4	AVG	No	Number of WEB send requests		1432
WBSFCRCT	BINARY	CMF	DFHMNTDS	TMRWSFCC	4	MAX	No	SOAPFAULT CREATE requests	E640 E650	3588
WBSFTOCT	BINARY	CMF	DFHMNTDS	TMRWSFTC	4	MAX	No	Total SOAPFAULT CREATE requests	E640 E650	3592
WBSREQBL	BINARY	CMF	DFHMNTDS	TMRWSQBL	4	MAX	No	SOAP request body length	E640 E650	3600
WBSRSPBL	BINARY	CMF	DFHMNTDS	TMRWSRBL	4	MAX	No	SOAP response body length	E640 E650	3604
WBTOTCT	BINARY	CMF	DFHMNTDS	TMRWBTC	4	AVG	No	Total number of WEB requests		1440
WLMRPTRCNAME	CHAR	CMF	DFHMNTDS	TMRRPCTL	8	DIFF	No	Workload manager report class name		844
WLMSRVCNAME	CHAR	CMF	DFHMNTDS	TMRSRVCL	8	DIFF	No	Workload manager service class name		836





## Chapter 407. TASKSQ Resource Table

A CICS Resource that describes tasks and the CICS Temporary Storage Queues they have used in an active system being managed by CICSplex SM. Note that for these records to be available, the MAS must be running with the SIT parameter MNRES=ON, and be using an MCT that specifies a value greater than 0 for TSQUEUE on the DFHMCT TYPE=INITIAL macro.

The **Primary** key field for this resource class is MNRTASKNO.

The **Secondary** key field for this resource class is TSQNAME.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSTaskTSQueueUsage

### Object type

CICS Resource

### Length

152

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0146

### CICS Commands subject to CICS Security

INQUIRE TASK

Table 983. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 984. TASKSQ resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		12
<b>MNRTASKNO-1</b>	DECIMAL	STAT	MNR_ID_DATA	MNR_ID_TASKNO	4	MAX	Task ID		92
<b>TSQNAME-2</b>	CHAR	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_NAME	16	DIFF	TS queue name		16

Table 984. TASKTSQ resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
GETSHRITEML	BINARY	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_GET_SHR_ITEML	4	SUM	Shared TS queue READQ item length	E640 E650 E660 E670 E680 E690	144
MNRSTART	TIMESTP	STAT	MNR_ID_DATA	MNR_ID_START	8	MAX	Task start time		112
MNRTRANID	CHAR	STAT	MNR_ID_DATA	MNR_ID_TRANID	4	DIFF	Transaction ID		96
MNRSQLIMIT	EYUDA	STAT			4	LIKE	TS queue limit exceeded		120
MNRSQLIMIT Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>								
MNRUSERID	CHAR	STAT	MNR_ID_DATA	MNR_ID_USERID	8	DIFF	User ID		100
PUTAUXITEML	BINARY	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_PUT_AUX_ITEML	4	SUM	Auxiliary TS queue WRITEQ item length		84
PUTMAINITEML	BINARY	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_PUT_MAIN_ITEML	4	SUM	Main TS queue WRITEQ item length		88
PUTSHRITEML	BINARY	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_PUT_SHR_ITEML	4	SUM	Shared TS queue WRITEQ item length	E640 E650 E660 E670 E680 E690	148
SHRTSQIOWT	SCLOCK	STAT	MNR_TSQUEUE_ENTRY	MNR_SHR_TSQUEUE_IO_WT	8	AVG	Shared TS queue I/O wait time		72
TSQGET	SCLOCK	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_GET	8	AVG	TS queue READQ time and count		32
TSQGETITEML	BINARY	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_GET_ITEML	4	SUM	TS queue READQ item length		80
TSQGETSHR	SCLOCK	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_GET_SHR	8	AVG	Shared TS queue READQ time and count	E640 E650 E660 E670 E680 E690	128
TSQIOWT	SCLOCK	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_IO_WT	8	AVG	TS queue I/O wait time		64
TSQPUTAUX	SCLOCK	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_PUT_AUX	8	AVG	Auxiliary TS queue WRITEQ time and count		40
TSQPUTMAIN	SCLOCK	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_PUT_MAIN	8	AVG	Main TS queue WRITEQ time and count		48
TSQPUTSHR	SCLOCK	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_PUT_SHR	8	AVG	Shared TS queue WRITEQ time and count	E640 E650 E660 E670 E680 E690	136
TSQTOTAL	SCLOCK	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_TOTAL	8	AVG	Total TSQ I/O time and count		56

## Chapter 408. TCLINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a transaction class definition (TRNCLDEF) in a resource group (RESGROUP). A TRNCLDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is TRNCLGROUP.

The **Secondary** key field for this resource class is TRNCLNAME.

The **Tertiary** key field for this resource class is TRNCLVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6159

### Security Class

BAS.DEF

Table 985. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 986. TCLINGRP FEEDBACK error codes		
Value	Code	Description
1	TCLINGRP_INV_DATA	Attribute data invalid
2	TCLINGRP_REC_NOT_FOUND	Requested resource not found
4	TCLINGRP_REC_EXISTS	Resource already exists
6	TCLINGRP_INV_RESTYPE	Invalid resource type
7	TCLINGRP_INV_VER	Invalid resource version
11	TCLINGRP_NON_MP	Maintenance point CMAS not available

Table 986. TCLINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	TCLINGRP_INV_CONTEXT	Context not found
21	TCLINGRP_INCONSISTENT_SET	Inconsistent set
22	TCLINGRP_DIFF_VERSION	Different version
23	TCLINGRP_INV_NAME	Invalid name
24	TCLINGRP_INV_MINNAME	Invalid minor name

Table 987. TCLINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
TRNCLGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
TRNCLNAME-2	CHAR	CPSM	8	Yes	DIFF	Transaction class definition name	44
TRNCLVER-3	BINARY	CPSM	1	Yes	AVG	Transaction class definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> </ul>						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 409. TCPDEF Resource Table

A CICS Definition that describes a TCP/IP Service.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a TCP/IP Service Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionTCPIPService

**Object type**

CICS Definition

**Length**

560

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3823

**CICS Commands subject to CICS Security**

INQUIRE TCIPSERVICE

Table 988. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Table 988. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 989. TCPDEF FEEDBACK error codes		
Value	Code	Description
1	TCPDEF_INV_DATA	Attribute data invalid
2	TCPDEF_REC_NOT_FOUND	Requested resource not found
4	TCPDEF_REC_EXISTS	Resource already exists
5	TCPDEF_REC_CHANGED	Resource definition already changed
6	TCPDEF_INV_RESTYPE	Invalid resource type
7	TCPDEF_INV_VER	Invalid resource version
11	TCPDEF_NON_MP	Maintenance point CMAS not available
12	TCPDEF_INV_CONTEXT	Context not found
13	TCPDEF_INCONSISTENT_SET	Inconsistent set condition
14	TCPDEF_INV_RESGROUP	Resource group not found
21	TCPDEF_INV_ACTION	Invalid action
22	TCPDEF_INV_RECADDR	Invalid record address
23	TCPDEF_INV_RECLEN	Invalid record length
24	TCPDEF_DIFF_VERSION	Different version
25	TCPDEF_EARLY_NAMELIST_END	Early name list end
26	TCPDEF_INV_NAMELIST	Invalid name list
27	TCPDEF_INV_NAME	Invalid name
28	TCPDEF_INV_MINNAME	Invalid minor name
29	TCPDEF_NOTIFY	Notify
30	TCPDEF_PARTIAL_INSTALL	Partial install

Table 989. TCPDEF FEEDBACK error codes (continued)

Value	Code	Description
31	TCPDEF_NOTHING_INSTALLED	Nothing installed
32	TCPDEF_NO_TARGETS	No targets
33	TCPDEF_NO_RELATED	No related systems
34	TCPDEF_INV_TSCOPE	Invalid target scope
35	TCPDEF_INV_RSCOPE	Invalid related scope
36	TCPDEF_INV_USAGE	Invalid usage
37	TCPDEF_INV_MODE	Invalid mode
38	TCPDEF_INV_STATECHK	Invalid state check
39	TCPDEF_INV_FORCEINS	Invalid force install
40	TCPDEF_INV_NOTIFY	Invalid notify
41	TCPDEF_INV_OVERTYPE	Invalid oertype
42	TCPDEF_INV_OVRBLOCK	Invalid override block
43	TCPDEF_INV_ORSTRING	Invalid override string
44	TCPDEF_INV_STRNGTERM	Invalid string terminator
45	TCPDEF_INV_EMBEDTERM	Invalid embedded terminator
46	TCPDEF_INV_ATTRIBUTE	Invalid attribute
47	TCPDEF_INV_LITERAL	Invalid literal
48	TCPDEF_INV_ORSTGNA	Invalid override string
49	TCPDEF_SCOPE_REQUIRED	Scope required
50	TCPDEF_USAGE_CONFLICT	Usage conflict
51	TCPDEF_NODEFS_SELECTED	No definitions selected
52	TCPDEF_MORE_THAN_1_RELSYS	More than one related system
53	TCPDEF_MISSING_RELSYSID	Missing related system identifier
54	TCPDEF_SCOPE_CONFLICT	Scope conflict
55	TCPDEF_INV_CSDGROUP	Invalid CSD group
56	TCPDEF_REC_NOT_REMOVED	Record not removed
57	TCPDEF_INV_RESOURCE	Invalid resource
58	TCPDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	TCPDEF_PARTIAL_ACTION	Partial action
60	TCPDEF_NOTHING_ACTIONED	Nothing actioned
61	TCPDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	TCPDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	TCPDEF_CSD_ERROR	CSD access error
64	TCPDEF_INV_MAXPERSIST	Invalid maxpersist value

Table 990. TCPDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	528
ATTACHSEC	EYUDA	CPSM	4	No	LIKE	Attach-time security	NOTAPPLIC			280
ATTACHSEC Input/output valid values	<ul style="list-style-type: none"> <li>LOCAL</li> <li>VERIFY</li> <li>NOTAPPLIC</li> </ul>									
AUTHENTICATE	EYUDA	CPSM	4	Yes	LIKE	Authentication level	NO			248
AUTHENTICATE Input/output valid values	<ul style="list-style-type: none"> <li>NO</li> <li>BASIC</li> <li>CERTIFICATE</li> <li>AUTOREGISTER</li> <li>AUTOMATIC</li> <li>NOTAPPLIC</li> <li>ASSERTED</li> </ul>									
BACKLOG	CHAR	CPSM	8	Yes	DIFF	Queue backlog limit		0-32767		60
CERTIFICATE	CHAR	CPSM	56	No	DIFF	Certificate				72
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>CSDAPI</li> <li>CSDBATCH</li> <li>DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CIPHERS	CHAR	CPSM	56	No	LIKE	SSL cipher suite codes				288
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				128
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		352
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				160
DNSGROUP	CHAR	CPSM	18	No	DIFF	Domain name service (DNS) group			E690 +	256
GRPCRITICAL	EYUDA	CPSM	4	No	LIKE	Critical domain name service (DNS) group member	NOTAPPLIC		E690 +	276
GRPCRITICAL Input/output valid values	<ul style="list-style-type: none"> <li>NO</li> <li>YES</li> <li>NOTAPPLIC</li> </ul>									
HOST	CHAR	CPSM	116	Yes	DIFF	Incoming connections listening address			E640 E650	412
IPADDRESS	CHAR	CPSM	15	No	DIFF	IPv4 address				224
MAXDATALEN	CHAR	CPSM	6	No	DIFF	Maximum length of data to be received or sent	32	3-524288		344
MAXPERSIST	CHAR	CPSM	5	No	DIFF	Maximum number of persistent connections	NO	0-65535	E640 E650 E660	536



Table 990. TCPDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
MAXPERSIST Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> </ul>									
OPTIONSPGM	CHAR	CPSM	8	No	DIFF	HTTP OPTIONS handler program			E640 E650 E660 E670 E680 E690 E700 E710 E720	549
PORTNUMBER	CHAR	CPSM	8	Yes	DIFF	Port number		1-65535		33
PRIVACY	CVDAS	CPSM	4	No	LIKE	Privacy	NOTAPPLIC		E640 +	284
PRIVACY Input/output valid values	<ul style="list-style-type: none"> <li>• REQUIRED</li> <li>• SUPPORTED</li> <li>• NOTSUPPORTED</li> <li>• NOTAPPLIC</li> </ul>									
PROTOCOL	CVDAS	CPSM	4	No	LIKE	Protocol				252
PROTOCOL Input/output valid values	<ul style="list-style-type: none"> <li>• HTTP</li> <li>• IIOP</li> <li>• ECI</li> <li>• USER</li> <li>• NOTAPPLIC</li> <li>• IPIC</li> </ul>									
REALM	CHAR	CPSM	56	No	DIFF	Basic authentication realm name			E640	356
SOCKETCLOSE	CHAR	CPSM	6	No	DIFF	Timeout for socket close (HHMMSS)				239
SPECIFTCPS	CHAR	CPSM	8	No	DIFF	Specific TCPIService			E640 E650 E660 E670 E680	541
SSL	EYUDA	CPSM	4	Yes	LIKE	Secure sockets layer (SSL) type	NO			68
SSL Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• CLIENTAUTH</li> <li>• ATTLASWARE</li> </ul>									
STATUS	CVDAS	CPSM	4	Yes	LIKE	TCP/IP service status	OPEN			44
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• OPEN</li> <li>• CLOSED</li> </ul>									
TRANSACTION	CHAR	CPSM	4	Yes	DIFF	CICS transaction ID				48
TSQPPREFIX	CHAR	CPSM	6	No	DIFF	TS queue prefix				218
URM	CHAR	CPSM	8	No	DIFF	User-replaceable module name				52
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				136
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				144
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				152



## Chapter 410. TCPINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a TCP/IP Service definition (TCPDEF) in a resource group (RESGROUP). A TCPDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is TCPGROUP.

The **Secondary** key field for this resource class is TCPNAME.

The **Tertiary** key field for this resource class is TCPVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6168

### Security Class

BAS.DEF

Table 991. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 992. TCPINGRP FEEDBACK error codes		
Value	Code	Description
1	TCPINGRP_INV_DATA	Attribute data invalid
2	TCPINGRP_REC_NOT_FOUND	Requested resource not found
4	TCPINGRP_REC_EXISTS	Resource already exists
6	TCPINGRP_INV_RESTYPE	Invalid resource type
7	TCPINGRP_INV_VER	Invalid resource version
11	TCPINGRP_NON_MP	Maintenance point CMAS not available

Table 992. TCPINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	TCPINGRP_INV_CONTEXT	Context not found
21	TCPINGRP_INCONSISTENT_SET	Inconsistent set
22	TCPINGRP_DIFF_VERSION	Different version
23	TCPINGRP_INV_NAME	Invalid name
24	TCPINGRP_INV_MINNAME	Invalid minor name

Table 993. TCPINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
TCPGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource Group name	36
TCPNAME-2	CHAR	CPSM	8	Yes	DIFF	TCP/IP service definition name	44
TCPVER-3	BINARY	CPSM	1	Yes	AVG	TCP/IP service definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> </ul>						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

## Chapter 411. TCPIPGBL Resource Table

A CICS Resource that provides information about CICS internal TCP/IP sockets support.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTCPIPStatistics

**Object type**

CICS Resource

**Length**

424

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0113

**CICS Commands subject to CICS Security**

INQUIRE TCPIP

Table 994. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

Table 995. TCPIPGBL resource table attributes										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		12
ACTSOCKETS	BINARY	INQ	TCPIP	ACTSOCKETS	4	AVG	No	Number of active TCP/IP sockets		24
CDELMAXSOCKS	BINARY	STAT	DFHSOGDS	SOG_CURR_DELAYED_AT_MAX	4	AVG	No	Current number of requests delayed at maximum sockets		80

Table 995. TCPIPGBL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Get Invalid	Offset
CINSCKSNPERS	BINARY	STAT	DFHSOGDS	SOG_CURR_NPERS_INB_SOCKETS	4	AVG	No	Current number of non-persistent inbound sockets	E640 E650 E660 E670 E680 E690 E700	408
CINSOCKETS	BINARY	STAT	DFHSOGDS	SOG_CURR_INBOUND_SOCKETS	4	AVG	No	Number of inbound sockets		28
COUTSOCKETS	BINARY	STAT	DFHSOGDS	SOG_CURR_OUTB_SOCKETS	4	AVG	No	Number of non-persistent outbound sockets		36
CPERSOCKETS	BINARY	STAT	DFHSOGDS	SOG_CURR_PERS_OUTB_SOCKETS	4	AVG	No	Number of persistent outbound sockets		44
CQTMASOCKS	BINARY	STAT	DFHSOGDS	SOG_CURRENT_QTIME_AT_MAX	4	AVG	No	Current delay time at maximum sockets (seconds)		88
CRLPROFILE	CHAR	INQ	TCPIP	CRLPROFILE	246	LIKE	No	Certificate Revocation List (CRL) Profile Name		96
DELMASOCKS	BINARY	STAT	DFHSOGDS	SOG_DELAYED_AT_MAX_SOCKETS	4	AVG	No	Total number of requests delayed at maximum sockets		68
INSCKSNPERS	BINARY	STAT	DFHSOGDS	SOG_NPERS_INB_SOCKETS_CREATED	4	AVG	No	Total number of non-persistent inbound sockets created	E640 E650 E660 E670 E680 E690 E700	412
INSOCKETSCR	BINARY	STAT	DFHSOGDS	SOG_INB_SOCKETS_CREATED	4	AVG	No	Number of inbound sockets created		52
LTIMPAUSLIST	TIMESTP	STAT	DFHSOGDS	SOG_TIME_LAST_PAUSED_HTTP_LISTENING	8	MAX	No	Last time socket listener paused listening for HTTP connections	E640 E650 E660 E670 E680 E690	360
LTIMSTOPPERS	TIMESTP	STAT	DFHSOGDS	SOG_TIME_LAST_STOPPED_PERSISTENT	8	MAX	No	Last time stopped HTTP connection persistence	E640 E650 E660 E670 E680 E690	376
MAXSOCKETS	BINARY	INQ	TCPIP	MAXSOCKETS	4	AVG	Yes	Maximum number of TCP/IP sockets		20
OUTSCKSREUSE	BINARY	STAT	DFHSOGDS	SOG_TIMES_OUTB_REUSED	4	AVG	No	Total number of times outbound sockets reused	E640 E650 E660 E670 E680 E690 E700	416
OUTSOCKETSCL	BINARY	STAT	DFHSOGDS	SOG_OUTB_SOCKETS_CLOSED	4	AVG	No	Number of outbound sockets closed		60
OUTSOCKETSCR	BINARY	STAT	DFHSOGDS	SOG_OUTB_SOCKETS_CREATED	4	AVG	No	Number of outbound sockets created		56

Table 995. TCPIPGBL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Get Invalid	Offset
OUTSOCKSPERS	BINARY	STAT	DFHSOGDS	SOG_PERS_OUTBOUND_CREATED	4	AVG	No	Total number of persistent outbound sockets	E640 E650 E660 E670 E680 E690 E700	396
PAUSINGLIST	EYUDA	STAT	DFHSOGDS	SOG_PAUSING_HTTP_LISTENING	4	LIKE	No	Socket listener has paused listening for HTTP connections	E640 E650 E660 E670 E680 E690	392
PAUSINGLIST Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
PDELMAXSOCKS	BINARY	STAT	DFHSOGDS	SOG_PEAK_DELAYED_AT_MAX	4	MAX	No	Peak number of requests delayed at maximum sockets		84
PINSCKSNPERS	BINARY	STAT	DFHSOGDS	SOG_PEAK_NONPERSISTENT_INBOUND_SOCKETS	4	MAX	No	Peak number of non-persistent inbound sockets	E640 E650 E660 E670 E680 E690 E700	404
PINSCKSPERS	BINARY	STAT	DFHSOGDS	SOG_PEAK_PERSISTENT_INBOUND_SOCKETS	4	MAX	No	Peak number of persistent inbound sockets	E640 E650 E660 E670 E680 E690 E700	420
PINSOCKETS	BINARY	STAT	DFHSOGDS	SOG_PEAK_INBOUND_SOCKETS	4	MAX	No	Peak number of inbound sockets		32
POUTSCKSBOTH	BINARY	STAT	DFHSOGDS	SOG_PEAK_BOTH_OUTBOUND_SOCKETS	4	MAX	No	Peak number of outbound sockets	E640 E650 E660 E670 E680 E690 E700	400
POUTSOCKETS	BINARY	STAT	DFHSOGDS	SOG_PEAK_OUTBOUND_SOCKETS	4	MAX	No	Peak number of non-persistent outbound sockets		40
PPERSOCKETS	BINARY	STAT	DFHSOGDS	SOG_PEAK_PERSISTENT_OUTBOUND_SOCKETS	4	MAX	No	Peak number of persistent outbound sockets		48
QTMAXSOCKS	BINARY	STAT	DFHSOGDS	SOG_QTIME_AT_MAX_SOCKETS	4	AVG	No	Total delay time at maximum sockets (seconds)		72
RSVD1	CHAR	CPSM			9	LIKE	No	Reserved area	EALL	342
SOTUNING	EYUDA	STAT	DFHSOGDS	SOG_SOTUNING	4	LIKE	No	Performance tuning for HTTP connections	E640 E650 E660 E670 E680 E690	352
SOTUNING Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• 520</li> </ul>									
SSLCACHE	CVDAS	INQ	TCPIP	SSLCACHE	4	LIKE	No	SSL cache type		92

Table 995. TCPIPGBL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
SSLCACHE Output valid values	<ul style="list-style-type: none"> <li>• CICS</li> <li>• SYSPLEX</li> </ul>									
STATUS	CVDAS	INQ	TCPIP	OPENSTATUS	4	LIKE	Yes	TCP/IP status		16
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• OPEN</li> <li>• CLOSED</li> <li>• IMMCLOSE</li> </ul>									
STATUS Output valid values	<ul style="list-style-type: none"> <li>• CLOSING</li> <li>• IMMCLOSING</li> <li>• OPENING</li> </ul>									
STOPPINGPERS	EYUDA	STAT	DFHSOGDS	SOG_STOPPING_PERSISTENCE	4	LIKE	No	Region stopping HTTP connection persistence	E640 E650 E660 E670 E680 E690	368
STOPPINGPERS Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
TDOMAXSOCKS	BINARY	STAT	DFHSOGDS	SOG_TIMEDOUT_AT_MAX_SOCKETS	4	AVG	No	Number of timeouts at maximum sockets		76
TIMATACCLIM	BINARY	STAT	DFHSOGDS	SOG_TIMES_AT_ACCEPT_LIMIT	4	AVG	No	Number of times socket listener notified at task accept limit	E640 E650 E660 E670 E680 E690	356
TIMDISCATMAX	BINARY	STAT	DFHSOGDS	SOG_TIMES_COINN_DISCONNECTED_AT_MAX	4	AVG	No	Number of times disconnected an HTTP connection at maximum uses	E640 E650 E660 E670 E680 E690	388
TIMMAXSOCKS	BINARY	STAT	DFHSOGDS	SOG_TIMES_AT_MAX_SOCKETS	4	AVG	No	Number of times maximum sockets reached		64
TIMMNONPERS	BINARY	STAT	DFHSOGDS	SOG_TIMES_MADE_NON_PERSISTENT	4	AVG	No	Number of persistent HTTP connections made non-persistent	E640 E650 E660 E670 E680 E690	384
TIMSTOPPERS	BINARY	STAT	DFHSOGDS	SOG_TIMES_STOPPED_PERSISTENT	4	AVG	No	Number of times region stopped HTTP connection persistence	E640 E650 E660 E670 E680 E690	372



## Chapter 412. TCPIPS Resource Table

A CICS Resource that describes a TCP/IP Service in an active CICS system being managed by CICSplex SM>.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**CLOSE**

Close a TCP/IP Service

**DISCARD**

Discard a TCP/IP Service

**IMMCLOSE**

Close a TCP/IP Service immediately

**OPEN**

Open a TCP/IP Service

These actions require no unique parameter data.

**External resource name(CMCI)**

CICSTCIPService

**Object type**

CICS Resource

**Length**

632

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0103

**CICS Commands subject to CICS Security**

INQUIRE TCIPSERVICE

Table 996. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	OPEN	None	N/A
	CLOSE	None	N/A

Table 996. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
	IMMCLOSE	None	N/A
	DEREGISTER	None	N/A

Table 997. TCPIPS resource table attributes												
Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF	No	CICS System Name				0
EYU_CICSREL	CHAR	CPSM			4	DIF	No	CICS Release				8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved				12
NAME-1	CHAR	INQ	TCPIPSERVICE	TCPIPSERVICE	8	DIF	No	TCP/IP service name				16
ATTACHSEC	CVDAS	INQ	TCPIPSERVICE	ATTACHSEC	4	LIKE	No	Attach-time security				204
ATTACHSEC Input/output valid values	• NOTAPPLIC											
ATTACHSEC Output valid values	• LOCAL • VERIFY											
AUTHENTICATE	CVDAS	INQ	TCPIPSERVICE	AUTHENTICATE	4	LIKE	No	Authentication level				136
AUTHENTICATE Output valid values	• AUTOAUTH • AUTOREGISTER • BASICAUTH • CERTIFICAUTH • NOAUTHENTIC • ASSERTED											
BACKLOG	BINARY	INQ	TCPIPSERVICE	BACKLOG	4	AVG	Yes	Queue backlog setting				28
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0		E640 E650	392
BYTERCVD	BINARY	STAT	DFHSORDS	SOR_BYTES_RECEIVED	8	AVG	No	Number of bytes received across all sockets				120
BYTESENT	BINARY	STAT	DFHSORDS	SOR_BYTES_SENT	8	AVG	No	Number of bytes sent across all sockets				108
CERTIFICATE	CHAR	INQ	TCPIPSERVICE	CERTIFICATE	32	DIF	No	Certificate				140
CHANGEAGENT	CVDAS	INQ	TCPIPSERVICE	CHANGEAGENT	4	LIKE	No	Last modification agent			E640 E650	340

Table 997. TCPIPS resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• SYSTEM</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>											
CHANGEAGREL	CHAR	INQ	TCPIPSERVICE	CHANGEAGREL	4	DIF	No	Last modification agent release			E640 E650	344
CHANGETIME	DATETIME	INQ	TCPIPSERVICE	CHANGETIME	8	MAX	No	Last modification time			E640 E650	352
CHANGEUSRID	CHAR	INQ	TCPIPSERVICE	CHANGEUSRID	8	DIF	No	Last modification user ID			E640 E650	332
CIPHERS	CHAR	INQ	TCPIPSERVICE	CIPHERS	56	LIKE	No	SSL cipher suite codes				212
CLOSETIMEOUT	BINARY	INQ	TCPIPSERVICE	CLOSETIMEOUT	4	AVG	No	Timeout for socket close (seconds)				132
CMAXBACKLOG	BINARY	STAT	DFHSORDS	SOR_CURR_MAX_BACKLOG	4	AVG	No	Current maximum backlog			E640 E650 E660 E670 E680 E690 E700	616
CONNECTIONS	BINARY	INQ	TCPIPSERVICE	CONNECTIONS	4	AVG	No	Number of connections				52
CONNLASTDROP	TIMESTP	STAT	DFHSORDS	SOR_CONN_LAST_DROPPED	8	MAX	No	Time connection last dropped			E640 E650 E660 E670 E680 E690 E700	608

Table 997. TCPIPS resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
CONNSDROPPED	BINARY	STAT	DFHSORDS	SOR_CONNS_DROPPED	4	AVG	No	Connections dropped			E640 E650 E660 E670 E680 E690 E700 E710 E720	604
CURRBACKLOG	BINARY	STAT	DFHSORDS	SOR_CURR_BACKLOG	4	AVG	No	Current backlog			E640 E650 E660 E670 E680 E690 E700	600
DEFINESOURCE	CHAR	INQ	TCPIPSERVICE	DEFINESOURCE	8	DIF	No	Source of the resource definition			E640 E650	360
DEFINETIME	DATETIME	INQ	TCPIPSERVICE	DEFINETIME	8	MAX	No	Creation time			E640 E650	368
DISCATTLIM	BINARY	STAT	DFHSORDS	SOR_DISC_AT_TASK_LIMIT	4	AVG	No	Times disconnected a persistent connection at task limit			E640 E650 E660 E670 E680 E690 E700	592
DISCATUSELIM	BINARY	STAT	DFHSORDS	SOR_DISC_AT_MAX_USES	4	AVG	No	Times disconnected an connection at max uses			E640 E650 E660 E670 E680 E690 E700	596
DNSGROUP	CHAR	INQ	TCPIPSERVICE	DNSGROUP	18	DIF	No	Domain name service (DNS) group			E690+	176

Table 997. TCPIPS resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
DNSSTATUS	CVDAS	INQ	TCPIPSERVICE	DNSSTATUS	4	LIKE	Yes	Domain name service (DNS) status			E690+	196
DNSSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>DEREGISTERED</li> </ul>											
DNSSTATUS Output valid values	<ul style="list-style-type: none"> <li>UNAVAILABLE</li> <li>UNREGISTERED</li> <li>REGISTERED</li> <li>REGERROR</li> <li>DEREGERROR</li> <li>NOTAPPLIC</li> </ul>											
GENERICTCPS	CHAR	INQ	TCPIPSERVICE	GENERICTCPS	8	DIF	No	Generic TCPIPService			E640 E650 E660 E670 E680	572
GMTSERVOPN	DATETIME	STAT	DFHSORDS	SOR_OPEN_GMT	8	MAX	No	GMT service open time				88
GRPCRITICAL	CVDAS	INQ	TCPIPSERVICE		4	LIKE	No	Critical domain name service (DNS) group member			E690+	200
GRPCRITICAL Output valid values	<ul style="list-style-type: none"> <li>NONCRITICAL</li> <li>CRITICAL</li> </ul>											
HOST	CHAR	INQ	TCPIPSERVICE	HOST	116	DIF	No	Server address to listen on			E640 E650	440
HOSTTYPE	CVDAS	INQ	TCPIPSERVICE	HOSTTYPE	4	LIKE	No	The listening server's address format			E640 E650	432
HOSTTYPE Output valid values	<ul style="list-style-type: none"> <li>ANY</li> <li>DEFAULT</li> <li>HOSTNAME</li> <li>IPV4</li> <li>IPV6</li> <li>NOTAPPLIC</li> </ul>											
INSTALLAGENT	CVDAS	INQ	TCPIPSERVICE	INSTALLAGENT	4	LIKE	No	Installation agent			E640 E650	348
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>CSDAPI</li> <li>CREATESPI</li> <li>GRPLIST</li> <li>BUNDLE</li> </ul>											
INSTALLTIME	DATETIME	INQ	TCPIPSERVICE	INSTALLTIME	8	MAX	No	Installation time			E640 E650	384
INSTALLUSRID	CHAR	INQ	TCPIPSERVICE	INSTALLUSRID	8	DIF	No	Installation user ID			E640 E650	376

Table 997. TCPIPS resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
IPADDRESS	CHAR	INQ	TCPIPSERVICE	IPADDRESS	15	DIF	No	IPv4 address of the service				62
IPFAMILY	CVDAS	INQ	TCPIPSERVICE	IPFAMILY	4	LIKE	No	Resolved IP address format			E640 E650	436
IPFAMILY Output valid values	<ul style="list-style-type: none"> <li>• IPV4</li> <li>• IPV6</li> <li>• UNKNOWN</li> </ul>											
IPRESOLVED	CHAR	INQ	TCPIPSERVICE	IPRESOLVED	39	DIF	No	Resolved IP address			E640 E650	393
MAXDATALEN	BINARY	INQ	TCPIPSERVICE	MAXDATALEN	4	AVG	Yes	Maximum length of data that may be received		3-524288		272
MAXPERSIST	BINARY	INQ	TCPIPSERVICE	MAXPERSIST	4	DIF	No	Maximum persistent connections			E640 E650 E660	556
NONPERSIST	BINARY	STAT	DFHSORDS	SOR_TCPIPS_NON_PERSIST	4	DIF	No	Number of non-persisted connections			E640 E650 E660	560
NPERSATMAXP	BINARY	STAT	DFHSORDS	SOR_NONP_AT_MAXPERSIST	4	AVG	No	Times a connection was made non-persistent because MAXPERSIST was reached			E640 E650 E660 E670 E680 E690 E700	584
NPERSATTLIM	BINARY	STAT	DFHSORDS	SOR_NONP_AT_TASK_LIMIT	4	AVG	No	Times a connection made non-persistent at task limit			E640 E650 E660 E670 E680 E690 E700	588
NUMCIPHERS	BINARY	INQ	TCPIPSERVICE	NUMCIPHERS	2	LIKE	No	Number of SSL cipher suite codes				268
OPENSTATUS	CVDAS	INQ	TCPIPSERVICE	OPENSTATUS	4	LIKE	Yes	TCP/IP service status				32
OPENSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• OPEN</li> <li>• CLOSED</li> <li>• IMMCLOSE</li> </ul>											

Table 997. TCPIPS resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
OPENSTATUS Output valid values	<ul style="list-style-type: none"> <li>• OPENING</li> <li>• CLOSING</li> <li>• IMMCLOSING</li> </ul>											
OPTIONSPGM	CHAR	INQ	TCPIPSERVICE	OPTIONSPGM	8	DIF	No	HTTP OPTIONS handler program			E640 E650 E660 E670 E680 E690 E700 E710 E720	624
PEAKCONNS	BINARY	STAT	DFHSORDS	SOR_PEAK_CONNS	4	AVG	No	Peak number of connections				84
PORT	BINARY	INQ	TCPIPSERVICE	PORT	4	MAX	No	Port number				24
PRIVACY	CVDAS	INQ	TCPIPSERVICE	PRIVACY	4	LIKE	No	Privacy for clients using this service			E640+	208
PRIVACY Output valid values	<ul style="list-style-type: none"> <li>• REQUIRED</li> <li>• SUPPORTED</li> <li>• NOTSUPPORTED</li> </ul>											
PROTOCOL	CVDAS	INQ	TCPIPSERVICE	PROTOCOL	4	LIKE	No	Protocol				172
PROTOCOL Output valid values	<ul style="list-style-type: none"> <li>• HTTP</li> <li>• IIOP</li> <li>• USER</li> <li>• ECI</li> <li>• IPIC</li> </ul>											
REALM	CHAR	INQ	TCPIPSERVICE	REALM	56	DIF	No	Basic authentication realm name			E640	276
RECEIVES	BINARY	STAT	DFHSORDS	SOR_RECEIVES	4	AVG	No	Number of receives across all sockets				116
REQUESTS	BINARY	STAT	DFHSORDS	SOR_REQUESTS	4	AVG	No	Requests			E640 E650 E660 E670 E680 E690 E700	620
SENDS	BINARY	STAT	DFHSORDS	SOR_SENDS	4	AVG	No	Number of sends across all sockets				104
SOCKETCLOSE	CVDAS	INQ	TCPIPSERVICE	SOCKETCLOSE	4	LIKE	No	Socket close action				128

Table 997. TCPIPS resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Value Range	Get Invalid	Offset
SOCKETCLOSE Output valid values	<ul style="list-style-type: none"> <li>• WAIT</li> <li>• TIMEOUT</li> </ul>											
SPECIFTCPS	CHAR	INQ	TCPIPSERVICE	SPECIFTCPS	8	DIF	No	Specific TCPIPService			E640 E650 E660 E670 E680	564
SSLTYPE	CVDAS	INQ	TCPIPSERVICE	SSLTYPE	4	LIKE	No	Secure sockets layer (SSL) type				48
SSLTYPE Output valid values	<ul style="list-style-type: none"> <li>• SSL</li> <li>• NOSSL</li> <li>• CLIENTAUTH</li> <li>• ATTLASWARE</li> </ul>											
TIMEOPEN	DATETIME	STAT	DFHSORDS	SOR_OPEN_LOCAL	8	MAX	No	Local service open time				96
TOTALCONNS	BINARY	STAT	DFHSORDS	SOR_TOTAL_CONNS	4	AVG	No	Total connections			E640 E650 E660 E670 E680 E690 E700	580
TRANATTACH	BINARY	STAT	DFHSORDS	SOR_TRANS_ATTACHED	4	AVG	No	Number of transactions attached				80
TRANSID	CHAR	INQ	TCPIPSERVICE	TRANSID	4	DIF	No	CICS transaction ID				36
TSQPREFIX	CHAR	INQ	TCPIPSERVICE	TSQPREFIX	6	DIF	No	TS queue prefix				56
URM	CHAR	INQ	TCPIPSERVICE	URM	8	DIF	Yes	User-replaceable module name				40



# Chapter 413. TDQDEF Resource Table

A CICS Definition that describes an intrapartition, extrapartition, indirect or remote transient data queue.

The **Primary** key field for this resource class is NAME. Note that a TDQ name can be only 4 characters long. The remainder of the 8-character NAME field should be padded with blank spaces.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

## INSTALL

Install a Transient Data Queue Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

## External resource name(CMCI)

CICSDefinitionTDQueue

## Object type

CICS Definition

## Length

408

## Usage

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

## API view

No

## CMAS context

No

## SCOPE applies

No

## Only query CMASs in workload

No

## Copybook identifier

EYUt3811

## Security Class

OPERATE.TDQUEUE

Table 998. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No

Table 998. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(INTRA, EXTRA, IND)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL, REMOTE)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 999. TDQDEF FEEDBACK error codes		
Value	Code	Description
1	TDQDEF_INV_DATA	Attribute data invalid
2	TDQDEF_REC_NOT_FOUND	Requested resource not found
4	TDQDEF_REC_EXISTS	Resource already exists
5	TDQDEF_REC_CHANGED	Resource definition already changed
6	TDQDEF_INV_RESTYPE	Invalid resource type
7	TDQDEF_INV_VER	Invalid resource version
11	TDQDEF_NON_MP	Maintenance point CMAS not available
12	TDQDEF_INV_CONTEXT	Context not found
13	TDQDEF_INCONSISTENT_SET	Inconsistent set condition
14	TDQDEF_INV_RESGROUP	Resource group not found
21	TDQDEF_INV_ACTION	Invalid action
22	TDQDEF_INV_RECADDR	Invalid record address
23	TDQDEF_INV_RECLEN	Invalid record length
24	TDQDEF_DIFF_VERSION	Different version
25	TDQDEF_EARLY_NAMELIST_END	Early name list end
26	TDQDEF_INV_NAMELIST	Invalid name list
27	TDQDEF_INV_NAME	Invalid name
28	TDQDEF_INV_MINNAME	Invalid minor name
29	TDQDEF_NOTIFY	Notify

Table 999. TDQDEF FEEDBACK error codes (continued)

Value	Code	Description
30	TDQDEF_PARTIAL_INSTALL	Partial install
31	TDQDEF_NOTHING_INSTALLED	Nothing installed
32	TDQDEF_NO_TARGETS	No targets
33	TDQDEF_NO_RELATED	No related systems
34	TDQDEF_INV_TSCOPE	Invalid target scope
35	TDQDEF_INV_RSCOPE	Invalid related scope
36	TDQDEF_INV_USAGE	Invalid usage
37	TDQDEF_INV_MODE	Invalid mode
38	TDQDEF_INV_STATECHK	Invalid state check
39	TDQDEF_INV_FORCEINS	Invalid force install
40	TDQDEF_INV_NOTIFY	Invalid notify
41	TDQDEF_INV_OVERTYPE	Invalid oertype
42	TDQDEF_INV_OVRBLOCK	Invalid override block
43	TDQDEF_INV_ORSTRING	Invalid override string
44	TDQDEF_INV_STRNGTERM	Invalid string term
45	TDQDEF_INV_EMBEDTERM	Invalid embedded terminator
46	TDQDEF_INV_ATTRIBUTE	Invalid attribute
47	TDQDEF_INV_LITERAL	Invalid literal
48	TDQDEF_INV_ORSTGNA	Invalid override string
49	TDQDEF_SCOPE_REQUIRED	Scope required
50	TDQDEF_USAGE_CONFLICT	Usage conflict
51	TDQDEF_NODEFS_SELECTED	No definitions selected
52	TDQDEF_MORE_THAN_1_RELSYS	More than one related system
53	TDQDEF_MISSING_RELSYSID	Missing related system identifier
54	TDQDEF_SCOPE_CONFLICT	Scope conflict
55	TDQDEF_INV_CSDGROUP	Invalid CSD group
56	TDQDEF_REC_NOT_REMOVED	Record not removed
57	TDQDEF_INV_RESOURCE	Invalid resource
58	TDQDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	TDQDEF_PARTIAL_ACTION	Partial action
60	TDQDEF_NOTHING_ACTIONED	Nothing actioned
61	TDQDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	TDQDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	TDQDEF_CSD_ERROR	CSD access error

Table 1000. TDQDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	392
ATIFACILITY	EYUDA	CPSM	4	Yes	LIKE	Destination type	TERMINAL			64
ATIFACILITY Input/output valid values	<ul style="list-style-type: none"> <li>TERMINAL</li> <li>FILE</li> <li>SYSTEM</li> </ul>									
BLOCKFORMAT	CVDAS	CPSM	4	No	LIKE	Block option	NOTAPPLIC			36
BLOCKFORMAT Input/output valid values	<ul style="list-style-type: none"> <li>BLOCKED</li> <li>UNBLOCKED</li> <li>NOTAPPLIC</li> </ul>									
BLOCKSIZE	CHAR	CPSM	8	No	DIFF	Block size	0	0-32767		84
BUFNO	CHAR	CPSM	4	No	DIFF	Number of buffers	1	1-255	E510 +	284
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>CSDAPI</li> <li>CSDBATCH</li> <li>DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				296
DATABUFFERS	CHAR	CPSM	4	No	DIFF	Number of buffers	1	1-255		100
DDNAME	CHAR	CPSM	8	Yes	DIFF	DD name				125
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		388
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				328
DEVFILENAME	CHAR	CPSM	40	Yes	DIFF	Device file name			EALL	205
DEVICEINIT	EYUDA	CPSM	4	Yes	LIKE	Open at initialization	INITIAL		E330 +	288
DEVICEINIT Input/output valid values	<ul style="list-style-type: none"> <li>INITIAL</li> <li>DEFERRED</li> </ul>									
DEVICETYPE	EYUDA	CPSM	4	Yes	LIKE	Type of device	DISK		E330 +	276
DEVICETYPE Input/output valid values	<ul style="list-style-type: none"> <li>DISK</li> <li>TAPE</li> <li>PRINTER</li> </ul>									
DISPOSITION	EYUDA	CPSM	4	Yes	LIKE	Disposition	SHR			44
DISPOSITION Input/output valid values	<ul style="list-style-type: none"> <li>SHR</li> <li>OLD</li> <li>MOD</li> </ul>									
DSNAME	CHAR	CPSM	44	No	DIFF	DS name				133
ERROROPTION	EYUDA	CPSM	4	Yes	LIKE	Error option	IGNORE			48

Table 1000. TDQDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
ERROROPTION Input/output valid values	<ul style="list-style-type: none"> <li>IGNORE</li> <li>SKIP</li> </ul>									
FACILITYID	CHAR	CPSM	4	No	DIFF	Facility identifier				177
FILELABEL	EYUDA	CPSM	4	Yes	LIKE	Write a standard label	NO		EALL	272
FILELABEL Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>									
INDIRECTNAME	CHAR	CPSM	4	No	DIFF	Indirect transient data queue (TDQ) name				193
JOBUSERID	CHAR	CPSM	8	No	DIFF	Default job user ID for jobs to JES internal rdr			E640 E650 E660 E670 E680 E690 E700 E710	400
OPENTIME	EYUDA	CPSM	4	Yes	LIKE	Data set open time	INITIAL			52
OPENTIME Input/output valid values	<ul style="list-style-type: none"> <li>INITIAL</li> <li>DEFERRED</li> </ul>									
PRINTCONTROL	EYUDA	CPSM	4	No	LIKE	Printer control	N_A			56
PRINTCONTROL Input/output valid values	<ul style="list-style-type: none"> <li>ASA</li> <li>MACHINE</li> <li>N_A</li> </ul>									
PRINTERNUM	CHAR	CPSM	4	No	DIFF	Printer number	1403	1403-5203	E330 +	280
RECORDFORMAT	CVDAS	CPSM	4	No	LIKE	Record format	UNDEFINED			40
RECORDFORMAT Input/output valid values	<ul style="list-style-type: none"> <li>UNDEFINED</li> <li>VARIABLE</li> <li>FIXED</li> </ul>									
RECORDSIZE	CHAR	CPSM	8	No	DIFF	Record size	1	0-32767		92
RECOVSTATUS	EYUDA	CPSM	4	Yes	LIKE	Recovery option	NO			68
RECOVSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>NO</li> <li>PHYSICAL</li> <li>LOGICAL</li> </ul>									
REMOLENGTH	CHAR	CPSM	8	No	DIFF	Remote length	1	0-32767		112
REMOTENAME	CHAR	CPSM	4	No	DIFF	Remote transient data queue (TDQ) name				197
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	System identifier of remote destination				201
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	Queue is resident or non-resident	YES		E330 +	264
RESIDENT Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>									
REUSE	EYUDA	CPSM	4	Yes	LIKE	Reuse control intervals	YES		E330 +	260
REUSE Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>									
REWIND	EYUDA	CPSM	4	Yes	LIKE	Tape disposition	LEAVE			60

Table 1000. TDQDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
REWIND Input/output valid values	<ul style="list-style-type: none"> <li>• LEAVE</li> <li>• REREAD</li> <li>• NOTAPPLIC</li> </ul>									
RSL	CHAR	CPSM	8	No	DIFF	Resource security value	PUBLIC	1-24	E330 +	249
RSL Input/output valid values	<ul style="list-style-type: none"> <li>• PUBLIC</li> </ul>									
SYSOUTCLASS	CHAR	CPSM	1	No	DIFF	System output (SYSOUT) class				124
TAPEMARK	EYUDA	CPSM	4	Yes	LIKE	Write a file tapemark	NO		EALL	268
TAPEMARK Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
TDQTYPE	EYUDA	CPSM	4	Yes	LIKE	Transient data queue (TDQ) type	EXTRA			120
TDQTYPE Input/output valid values	<ul style="list-style-type: none"> <li>• EXTRA</li> <li>• INTRA</li> <li>• INDIRECT</li> <li>• REMOTE</li> </ul>									
TERMID	CHAR	CPSM	4	No	DIFF	Terminal name				245
TRANSID	CHAR	CPSM	4	No	DIFF	Transaction started at trigger level				181
TRIGGERLEVEL	CHAR	CPSM	8	No	DIFF	Trigger level	1	0-32767		104
TYPEFILE	CVDAS	CPSM	4	Yes	LIKE	Data set type	INPUT			80
TYPEFILE Input/output valid values	<ul style="list-style-type: none"> <li>• INPUT</li> <li>• OUTPUT</li> <li>• RDBACK</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				304
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				312
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				320
USERID	CHAR	CPSM	8	No	DIFF	User ID on the triggered transaction				185
WAIT	EYUDA	CPSM	4	Yes	LIKE	Wait for UOW resynchronization	N_A			72
WAIT Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• N_A</li> </ul>									
WAITACTION	EYUDA	CPSM	4	Yes	LIKE	In-doubt UOW wait action	N_A			76
WAITACTION Input/output valid values	<ul style="list-style-type: none"> <li>• REJECT</li> <li>• QUEUE</li> <li>• N_A</li> </ul>									

## Chapter 414. TDQGBL Resource Table

A CICS Resource that describes the general characteristics of transient data usage in an active CICS system being managed byCICSplex SM.

The **TDQGBL** resource class does not provide an explicit key attribute. The set of object instances returned is a function of the current scope in effect when the request is made.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSGlobalTDQueueStatistics

**Object type**

CICS Resource

**Length**

120

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0025

**Security Class**

OPERATE.TDQUEUE

**CICS Commands subject to CICS Security**

EXTRACT STATISTICS

Table 1001. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 1002. TDQGBL resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
ACCESSCNT	BINARY	STAT	DFHTQGDS	TQGATNAL	4	AVG	Number of intrapartition accesses	24
BUFFERS	BINARY	STAT	DFHTQGDS	TQGANBFA	4	AVG	Number of intrapartition buffers	16
BUFFWAITS	BINARY	STAT	DFHTQGDS	TQGATNWT	4	AVG	Number of intrapartition buffer waits	32

Table 1002. TDQGBL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
CINUM	BINARY	STAT	DFHTQGDS	TQGANCIS	4	AVG	Number of control intervals	44
CISIZE	BINARY	STAT	DFHTQGDS	TQGACISZ	4	AVG	Control interval size	40
CURBUFWAIT	BINARY	STAT	DFHTQGDS	TQGACNWT	4	AVG	Number of current buffer waits	96
CURBUFVALDA	BINARY	STAT	DFHTQGDS	TQGACNIU	4	AVG	Number of current buffers with valid data	100
CURCONBUFAC	BINARY	STAT	DFHTQGDS	TQGACNAL	4	AVG	Number of current concurrent buffer accesses	92
CURCONSTRAC	BINARY	STAT	DFHTQGDS	TQGSCNAL	4	AVG	Number of current concurrent string accesses	104
CURSTRWAITS	BINARY	STAT	DFHTQGDS	TQGSCNWT	4	AVG	Number of current string waits	108
FMTWRITE	BINARY	STAT	DFHTQGDS	TQGACTFT	4	AVG	Number of formatting writes	64
IOERRS	BINARY	STAT	DFHTQGDS	TQGACTIO	4	AVG	Number of I/O errors	68
NOSPACECNT	BINARY	STAT	DFHTQGDS	TQGANOSP	4	AVG	Number of times NOSPACE occurred	52
NUMCTRLINTV	BINARY	STAT	DFHTQGDS	TQGACTCI	4	AVG	Number of control intervals in use	112
PEAKBWAIT	BINARY	STAT	DFHTQGDS	TQGAMXWT	4	AVG	Peak number of intrapartition buffer waits	36
PEAKCACCESS	BINARY	STAT	DFHTQGDS	TQGAMXAL	4	AVG	Peak number of concurrent intrapartition accesses	28
PEAKCIUSE	BINARY	STAT	DFHTQGDS	TQGAMXCI	4	AVG	Peak number of control intervals used	48
PEAKQACTV	BINARY	STAT	DFHTQGDS	TQGAMXIU	4	AVG	Peak number of queues that contain data	20
PEAKSTRACC	BINARY	STAT	DFHTQGDS	TQGS MXAL	4	AVG	Peak number of concurrent string accesses	80
PEAKSTRWAIT	BINARY	STAT	DFHTQGDS	TQGS MXWT	4	AVG	Peak number of string waits	88
READS	BINARY	STAT	DFHTQGDS	TQGACTGT	4	AVG	Number of data set reads	60
STRACCESS	BINARY	STAT	DFHTQGDS	TQGSTNAL	4	AVG	Number of times string accessed	76
STRINGS	BINARY	STAT	DFHTQGDS	TQGSNSTA	4	AVG	Number of strings	72
STRNGWAITS	BINARY	STAT	DFHTQGDS	TQGSTNWT	4	AVG	Number of string waits	84
WRITES	BINARY	STAT	DFHTQGDS	TQGACTPT	4	AVG	Number of writes to data set	56



## Chapter 415. TDQINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a transient data queue definition (TDQDEF) in a resource group (RESGROUP). A TDQDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is TDQGROUP.

The **Secondary** key field for this resource class is TDQNAME.

The **Tertiary** key field for this resource class is TDQVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6156

### Security Class

BAS.DEF

Table 1003. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 1004. TDQINGRP FEEDBACK error codes		
Value	Code	Description
1	TDQINGRP_INV_DATA	Attribute data invalid
2	TDQINGRP_REC_NOT_FOUND	Requested resource not found
4	TDQINGRP_REC_EXISTS	Resource already exists
6	TDQINGRP_INV_RESTYPE	Invalid resource type
7	TDQINGRP_INV_VER	Invalid resource version
11	TDQINGRP_NON_MP	Maintenance point CMAS not available

Table 1004. TDQINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	TDQINGRP_INV_CONTEXT	Context not found
21	TDQINGRP_INCONSISTENT_SET	Inconsistent set
22	TDQINGRP_DIFF_VERSION	Different version
23	TDQINGRP_INV_NAME	Invalid name
24	TDQINGRP_INV_MINNAME	Invalid minor name

Table 1005. TDQINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
<b>TDQGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
<b>TDQNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	TDQ definition name	44
<b>TDQVER-3</b>	BINARY	CPSM	1	Yes	AVG	TDQ definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 416. TERMDEF Resource Table

A CICS Definition that describes a terminal device with which CICS is to communicate.

The **Primary** key field for this resource class is NAME. A terminal name can be only 4 characters long. The remainder of the 8-character NAME field should be padded with blank spaces.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a Terminal Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionTerminal

**Object type**

CICS Definition

**Length**

640

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3812

**Security Class**

OPERATE.TERMINAL

Table 1006. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No

Table 1006. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 1007. TERMDEF FEEDBACK error codes

Value	Code	Description
1	TERMDEF_INV_DATA	Attribute data invalid
2	TERMDEF_REC_NOT_FOUND	Requested resource not found
4	TERMDEF_REC_EXISTS	Resource already exists
5	TERMDEF_REC_CHANGED	Resource definition already changed
6	TERMDEF_INV_RESTYPE	Invalid resource type
7	TERMDEF_INV_VER	Invalid resource version
11	TERMDEF_NON_MP	Maintenance point CMAS not available
12	TERMDEF_INV_CONTEXT	Context not found
13	TERMDEF_INCONSISTENT_SET	Inconsistent set condition
14	TERMDEF_INV_RESGROUP	Resource group not found
21	TERMDEF_INV_ACTION	Invalid action
22	TERMDEF_INV_RECADDR	Invalid record address
23	TERMDEF_INV_RECLEN	Invalid record length
24	TERMDEF_DIFF_VERSION	Different version
25	TERMDEF_EARLY_NAMELIST_END	Early name list end
26	TERMDEF_INV_NAMELIST	Invalid name list
27	TERMDEF_INV_NAME	Invalid name
28	TERMDEF_INV_MINNAME	Invalid minor name
29	TERMDEF_NOTIFY	Notify

Table 1007. TERMDEF FEEDBACK error codes (continued)

Value	Code	Description
30	TERMDEF_PARTIAL_INSTALL	Partial install
31	TERMDEF_NOTHING_INSTALLED	Nothing installed
32	TERMDEF_NO_TARGETS	No targets
33	TERMDEF_NO_RELATED	No related systems
34	TERMDEF_INV_TSCOPE	Invalid target scope
35	TERMDEF_INV_RSCOPE	Invalid related scope
36	TERMDEF_INV_USAGE	Invalid usage
37	TERMDEF_INV_MODE	Invalid mode
38	TERMDEF_INV_STATECHK	Invalid state check
39	TERMDEF_INV_FORCEINS	Invalid force install
40	TERMDEF_INV_NOTIFY	Invalid notify
41	TERMDEF_INV_OVERTYPE	Invalid oertype
42	TERMDEF_INV_OVRBLOCK	Invalid override block
43	TERMDEF_INV_ORSTRING	Invalid override string
44	TERMDEF_INV_STRNGTERM	Invalid string terminator
45	TERMDEF_INV_EMBEDTERM	Invalid embedded terminator
46	TERMDEF_INV_ATTRIBUTE	Invalid attribute
47	TERMDEF_INV_LITERAL	Invalid literal
48	TERMDEF_INV_ORSTGNA	Invalid override string
49	TERMDEF_SCOPE_REQUIRED	Scope required
50	TERMDEF_USAGE_CONFLICT	Usage conflict
51	TERMDEF_NODEFS_SELECTED	No definitions selected
52	TERMDEF_MORE_THAN_1_RELSYS	More than one related system
53	TERMDEF_MISSING_RELSYSID	Missing related system identifier
54	TERMDEF_SCOPE_CONFLICT	Scope conflict
55	TERMDEF_INV_CSDGROUP	Invalid CSD group
56	TERMDEF_REC_NOT_REMOVED	Record not removed
57	TERMDEF_INV_RESOURCE	Invalid resource
58	TERMDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	TERMDEF_PARTIAL_ACTION	Partial action
60	TERMDEF_NOTHING_ACTIONED	Nothing actioned
61	TERMDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	TERMDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	TERMDEF_CSD_ERROR	CSD access error

Table 1008. TERMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	628
ALTPRINTCOPY	EYUDA	CPSM	4	Yes	LIKE	Hardware COPY feature for alternate printer	NO			40
ALTPRINTCOPY Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
ALTPRINTER	CHAR	CPSM	4	No	DIFF	Alternate printer name				33
ASSOCPRNTR	CHAR	CPSM	4	No	DIFF	Associated printer				232
ASYNCBPS	CHAR	CPSM	8	No	DIFF	OS/2 asynchronous line speed (bits per second)			EALL	584
ASYNCBPS Input/output valid values	<ul style="list-style-type: none"> <li>• 110</li> <li>• 150</li> <li>• 300</li> <li>• 600</li> <li>• 1200</li> <li>• 1800</li> <li>• 2400</li> <li>• 3600</li> <li>• 4800</li> <li>• 9600</li> <li>• 19200</li> </ul>									
ASYNCPORT	EYUDA	CPSM	4	No	LIKE	3151 asynchronous port (OS/2)			EALL	580
ASYNCPORT Input/output valid values	<ul style="list-style-type: none"> <li>• COM1</li> <li>• COM2</li> <li>• COM3</li> <li>• COM4</li> <li>• COM5</li> <li>• COM6</li> <li>• COM7</li> <li>• COM8</li> </ul>									
ATI	EYUDA	CPSM	4	No	LIKE	Automatic transaction initialization allowed	NO		EALL	536
ATI Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
ATTACHSEC	EYUDA	CPSM	4	Yes	LIKE	Level of attach-time security	LOCAL			44
ATTACHSEC Input/output valid values	<ul style="list-style-type: none"> <li>• LOCAL</li> <li>• IDENTIFY</li> <li>• VERIFY</li> <li>• PERSISTENT</li> <li>• MIXIDPE</li> </ul>									
AUTOCONNECT	EYUDA	CPSM	4	No	LIKE	Autoconnect to occur for terminal	NO		EALL	540
AUTOCONNECT Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• ALL</li> </ul>									

Table 1008. TERMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
AUTOINSMODEL	EYUDA	CPSM	4	Yes	LIKE	Model for autoinstall option	NO			48
AUTOINSMODEL Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• ONLY</li> </ul>									
AUTOINSNAME	CHAR	CPSM	8	No	DIFF	Name of autoinstall model definition				52
BINDPASSWORD	HIDCHAR	CPSM	16	No	DIFF	Bind password				152
BINDSECURITY	EYUDA	CPSM	4	Yes	LIKE	Bind-time security	NO			60
BINDSECURITY Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CODEPAGE	CHAR	CPSM	8	No	DIFF	Code page		1-65534	EALL	572
COLOR	EYUDA	CPSM	4	No	LIKE	Extended color feature	NO		EALL	552
COLOR Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
CONSNAME	CHAR	CPSM	8	No	DIFF	Console name				68
CONSOLE	CHAR	CPSM	4	No	DIFF	Console ID		0-250	E640 +	64
CONSOLE Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> </ul>									
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				240
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		624
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				272
FULLSCREEN	EYUDA	CPSM	4	No	LIKE	Window style (OS/2)			EALL	568
FULLSCREEN Input/output valid values	<ul style="list-style-type: none"> <li>• PMWINDOW</li> <li>• FULLSCREEN</li> </ul>									
GCHARCODE	CHAR	CPSM	8	No	DIFF	Graphic character set code	0	0-65535	EALL	544
HIGHLITE	EYUDA	CPSM	4	No	LIKE	Extended highlight supported	NO		EALL	556
HIGHLITE Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
INSERVICE	EYUDA	CPSM	4	Yes	LIKE	Terminal inservice	YES			184
INSERVICE Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
KATAKANA	EYUDA	CPSM	4	No	LIKE	Katakana feature supported	NO		EALL	560

Table 1008. TERMDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
KATAKANA Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
MODENAME	CHAR	CPSM	8	No	DIFF	Logmode name				76
NATLANG	CHAR	CPSM	1	No	DIFF	Language for NLS-enabled messages				192
NETNAME	CHAR	CPSM	8	No	DIFF	VTAM network name				84
OPERID	CHAR	CPSM	3	No	DIFF	Operator identifier for BMS			E330 +	193
OPERPRIORITY	CHAR	CPSM	4	No	DIFF	Operator priority	0	0-255	E330 +	188
OPERRSL	CHAR	CPSM	50	No	DIFF	Operator resource security keys			E330 +	330
OPERSEC	CHAR	CPSM	150	No	DIFF	Operator transaction security keys			E330 +	380
OS2TERMTYP	EYUDA	CPSM	4	No	LIKE	Terminal type (OS/2)			EALL	612
OS2TERMTYP Input/output valid values	<ul style="list-style-type: none"> <li>• 3270TERM</li> <li>• 3270PRNT</li> <li>• 3151TERM</li> <li>• 3270DBTM</li> <li>• 3270DBPR</li> <li>• SEQTERM</li> </ul>									
POOL	CHAR	CPSM	8	No	DIFF	Pool name for pipeline terminal				92
PRINCLSMODE	EYUDA	CPSM	4	No	LIKE	Printer close mode			EALL	616
PRINCLSMODE Input/output valid values	<ul style="list-style-type: none"> <li>• EOF</li> <li>• EOT</li> </ul>									
PRINTEDMSG	EYUDA	CPSM	4	No	LIKE	Send messages to printer	NO		EALL	224
PRINTEDMSG Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
PRINTER	CHAR	CPSM	4	No	DIFF	Printer name				100
PRINTERCOPY	EYUDA	CPSM	4	Yes	LIKE	Hardware copy feature	NO			180
PRINTERCOPY Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
PRINTIMMED	EYUDA	CPSM	4	No	LIKE	Send end of report indicator	NO		EALL	228
PRINTIMMED Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
REMOTENAME	CHAR	CPSM	8	No	DIFF	Terminal name in the remote system				116
REMOTESYSNET	CHAR	CPSM	8	No	DIFF	Remote system network name				108
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	Remote system name				104
SCRHIGH	CHAR	CPSM	4	No	DIFF	Screen height	24	1-66	EALL	600
SCRWIDTH	CHAR	CPSM	4	No	DIFF	Screen width	80	1-132	EALL	604
SECURITYNAME	CHAR	CPSM	8	No	DIFF	Security name of the remote system				124
SOLICITED	EYUDA	CPSM	4	No	LIKE	Solicited messages	NO		EALL	620



Table 1008. TERMDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
SOLICITED Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• YES</li> </ul>									
SPOOLDEST	CHAR	CPSM	8	No	DIFF	Spool destination			EALL	208
SPOOLPRTRSL	CHAR	CPSM	8	No	DIFF	Spool print resource security level (RSL)	PUBLIC	1-24	EALL	196
SPOOLPRTRSL Input/output valid values	<ul style="list-style-type: none"> <li>• PUBLIC</li> </ul>									
SPOOLPRTTO	CHAR	CPSM	4	No	DIFF	Spool printer inactive time allowed	0	0-59	EALL	204
SPOOLTO	CHAR	CPSM	8	No	DIFF	Default spool printer name			EALL	216
TASKLIMIT	CHAR	CPSM	8	No	DIFF	Concurrent task limit for pipeline session		1-32767		168
TASKLIMIT Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> </ul>									
TERMPRIORITY	CHAR	CPSM	4	No	DIFF	Terminal priority	0	0-255		176
TRANSACTION	CHAR	CPSM	4	No	DIFF	Fixed transaction ID				132
TYPETERM	CHAR	CPSM	8	Yes	DIFF	Typeterm definition name				136
UPCASETR	EYUDA	CPSM	4	No	LIKE	Uppercase translation			EALL	608
UPCASETR Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• TRANID</li> </ul>									
USEDFTUSER	EYUDA	CPSM	4	No	LIKE	Use default user	N_A			532
USEDFTUSER Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• YES</li> <li>• N_A</li> </ul>									
USERAREALEN	CHAR	CPSM	4	No	DIFF	Length of the user area for the terminal	0	0-255	EALL	564
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				248
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				256
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				264
USERID	CHAR	CPSM	8	No	DIFF	User ID				144
WSSETUP	CHAR	CPSM	8	No	DIFF	Workstation setup (OS/2)			EALL	592



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# Chapter 417. TERMNL Resource Table

A CICS Resource that describes a terminal in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is TERMID.

The following actions are supported:

**ACQUIRE**

Acquire a terminal.

**CANCEL**

Cancel AID queuing for a terminal.

**DISCARD**

Discard a terminal.

**FORCEPURGE**

Force transactions associated with a terminal to be purged immediately.

**INSERVICE**

Set a terminal in service.

**KILL**

Kill the transactions associated with the terminal.

**Note:** Kill can lead to unpredictable results and should be used only in exceptional circumstances.

**OUTSERVICE**

Set a terminal out of service.

**PURGE**

Purge transactions associated with a terminal.

**RELEASE**

Release a terminal.

These actions require no unique parameter data.

**External resource name(CMCI)**

CICSTerminal

**Object type**

CICS Resource

**Length**

504

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0019

**Security Class**

OPERATE.TERMINAL

## CICS Commands subject to CICS Security

EXTRACT STATISTICS

INQUIRE TERMINAL

Table 1009. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	ACQUIRE	None	N/A
	INSERVICE	None	N/A
	OUTSERVICE	None	N/A
	PURGE	None	N/A
	FORCEPURGE	None	N/A
	CANCEL	None	N/A
	RELEASE	None	N/A
	KILL	None	N/A

Table 1010. TERMNL FEEDBACK error codes		
Value	Code	Description
21	TERMNL_ACTNOT_SUPPORTED	Action not supported

Table 1011. TERMNL resource table attributes										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		12
TERMINID-1	CHAR	INQ	TERMINAL	TERMINAL	4	DIFF	No	Terminal ID		16
ACCESSMETHOD	CVDAS	INQ	TERMINAL	ACCESSMETHOD	4	LIKE	No	Access method		32
ACCESSMETHOD Output valid values	<ul style="list-style-type: none"> <li>VTAM</li> <li>BSAM</li> <li>BTAMES</li> <li>BGAM</li> <li>TCAM</li> <li>TCAMSNA</li> <li>CONSOLE</li> <li>NETBIOS</li> <li>TCPIP</li> <li>RPC</li> <li>NOTAPPLIC</li> </ul>									
ACQSTATUS	CVDAS	INQ	TERMINAL	TERMSTATUS	4	LIKE	Yes	Acquire status		20
ACQSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>ACQUIRED</li> <li>RELEASED</li> <li>NOTAPPLIC</li> </ul>									

Table 1011. TERMNL resource table attributes (continued)										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
ACQSTATUS Input valid values	<ul style="list-style-type: none"> <li>COLDACQ</li> </ul>									
ACQSTATUS Output valid values	<ul style="list-style-type: none"> <li>ACQUIRING</li> <li>RELEASING</li> </ul>									
ALTPAGEHT	BINARY	INQ	TERMINAL	ALTPAGEHT	2	AVG	No	Alternate page height		208
ALTPAGEWD	BINARY	INQ	TERMINAL	ALTPAGEWD	2	AVG	No	Alternate page width		210
ALTPRINTER	CHAR	INQ	TERMINAL	ALTPRINTER	4	DIFF	Yes	Alternate printer		212
ALTPRTCOPYST	CVDAS	INQ	TERMINAL	ALTPRTCOPYST	4	LIKE	Yes	Hardware COPY feature for alternate printer		216
ALTPRTCOPYST Input/output valid values	<ul style="list-style-type: none"> <li>ALTPRTCOPY</li> <li>NOALTPRTCOPY</li> </ul>									
ALTPRTCOPYST Output valid values	<ul style="list-style-type: none"> <li>NOTAPPLIC</li> </ul>									
ALTSCRNHT	BINARY	INQ	TERMINAL	ALTSCRNHT	2	AVG	No	Alternate screen height		220
ALTSCRNWD	BINARY	INQ	TERMINAL	ALTSCRNWD	2	AVG	No	Alternate screen width		222
ALTSUFFIX	CHAR	INQ	TERMINAL	ALTSUFFIX	1	DIFF	No	Alternate-map-set suffix		368
APLYBDST	CVDAS	INQ	TERMINAL	APLYBDST	4	LIKE	No	APL keyboard feature		224
APLYBDST Output valid values	<ul style="list-style-type: none"> <li>APLYBD</li> <li>NOAPLYBD</li> </ul>									
APLTEXTST	CVDAS	INQ	TERMINAL	APLTEXTST	4	LIKE	No	APL text feature		228
APLTEXTST Output valid values	<ul style="list-style-type: none"> <li>APLTEXT</li> <li>NOAPLTEXT</li> </ul>									
ASCII	CVDAS	INQ	TERMINAL	ASCII	4	LIKE	No	ASCII data stream type		376
ASCII Output valid values	<ul style="list-style-type: none"> <li>ASCII7</li> <li>ASCII8</li> <li>NOTAPPLIC</li> </ul>									
ATISTATUS	CVDAS	INQ	TERMINAL	ATISTATUS	4	LIKE	Yes	Automatic transaction initiation (ATI) status		24
ATISTATUS Input/output valid values	<ul style="list-style-type: none"> <li>ATI</li> <li>NOATI</li> </ul>									
AUDALARMST	CVDAS	INQ	TERMINAL	AUDALARMST	4	LIKE	No	Audible alarm feature		232
AUDALARMST Output valid values	<ul style="list-style-type: none"> <li>AUDALARM</li> <li>NOAUDALARM</li> </ul>									
AUTOCONNECT	CVDAS	INQ	TERMINAL	AUTOCONNECT	4	LIKE	No	Session binding status		380
AUTOCONNECT Output valid values	<ul style="list-style-type: none"> <li>AUTOCONN</li> <li>NONAUTOCONN</li> <li>ALLCONN</li> <li>NOTAPPLIC</li> </ul>									
BACKTRANSST	CVDAS	INQ	TERMINAL	BACKTRANSST	4	LIKE	No	Background transparency feature		236
BACKTRANSST Output valid values	<ul style="list-style-type: none"> <li>BACKTRANS</li> <li>NOBACKTRANS</li> </ul>									
COLORST	CVDAS	INQ	TERMINAL	COLORST	4	LIKE	No	Extended color feature		240
COLORST Output valid values	<ul style="list-style-type: none"> <li>COLOR</li> <li>NOCOLOR</li> </ul>									

Table 1011. TERMNL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
CONSOLE	CHAR	INQ	TERMINAL	CONSOLE	12	DIFF	No	Console ID		427
COPYST	CVDAS	INQ	TERMINAL	COPYST	4	LIKE	No	Copy feature in control unit		244
COPYST Output valid values	<ul style="list-style-type: none"> <li>• COPY</li> <li>• NOCOPY</li> </ul>									
CORRELID	CHAR	INQ	TERMINAL	CORRELID	8	DIFF	No	Correlation ID		407
CREATESESS	CVDAS	INQ	TERMINAL	CREATESESS	4	LIKE	Yes	Session creation status		28
CREATESESS Input/output valid values	<ul style="list-style-type: none"> <li>• CREATE</li> <li>• NOCREATE</li> </ul>									
CREATESESS Output valid values	<ul style="list-style-type: none"> <li>• NOTAPPLIC</li> </ul>									
DATASTREAM	CVDAS	INQ	TERMINAL	DATASTREAM	4	LIKE	No	Device data stream type		384
DATASTREAM Output valid values	<ul style="list-style-type: none"> <li>• DS3270</li> <li>• SCS</li> <li>• NOTAPPLIC</li> </ul>									
DEFPAGEHT	BINARY	INQ	TERMINAL	DEFPAGEHT	2	AVG	No	Default page height		248
DEFPAGEWD	BINARY	INQ	TERMINAL	DEFPAGEWD	2	AVG	No	Default page width		250
DEFSCRNHT	BINARY	INQ	TERMINAL	DEFSCRNHT	2	AVG	No	Default screen height		252
DEFSCRNWD	BINARY	INQ	TERMINAL	DEFSCRNWD	2	AVG	No	Default screen width		254
DEVICE	CVDAT	INQ	TERMINAL	DEVICE	4	LIKE	No	Device type		40

Table 1011. TERMNL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Set	Description	Get Invali d	Offs et
DEVICE Output valid values	<ul style="list-style-type: none"> <li>• BATCHLU</li> <li>• BIPROG</li> <li>• BISYNCH</li> <li>• CDRDLPRT</li> <li>• CONTNLU</li> <li>• HARDCOPY</li> <li>• INTACTLU</li> <li>• ISCMCONV</li> <li>• LUCMODGRP</li> <li>• LUCSESS</li> <li>• LUTYPE4</li> <li>• LUTYPE6</li> <li>• MAGTAPE</li> <li>• RESSYS</li> <li>• SDLC</li> <li>• SEQDISK</li> <li>• SYSTEM3</li> <li>• SYSTEM7</li> <li>• SYS7BSCA</li> <li>• TCONSOLE</li> <li>• TELETYPE</li> <li>• TTCAM</li> <li>• TWX3335</li> <li>• T1050</li> <li>• T1053</li> <li>• T2260L</li> <li>• T2260R</li> <li>• T2265</li> <li>• T2740</li> <li>• T2741BCD</li> <li>• T2741COR</li> <li>• T2770</li> <li>• T2780</li> <li>• T3275R</li> <li>• T3277L</li> <li>• T3277R</li> <li>• T3284L</li> <li>• T3284R</li> <li>• T3286L</li> <li>• T3286R</li> <li>• T3600BI</li> <li>• T3601</li> <li>• T3614</li> <li>• T3650ATT</li> <li>• T3735</li> <li>• T3650PIPE</li> <li>• T3650USER</li> <li>• T3653HOST</li> <li>• T3740</li> <li>• T3780</li> <li>• T3790</li> <li>• T3790SCSP</li> <li>• T3790UP</li> <li>• T7770</li> <li>• VIDEOTERM</li> </ul>									

Table 1011. TERMNL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
DEVICEST	CVDAS	INQ			4	LIKE	No	Device busy status	E330+	388
DEVICEST Output valid values	<ul style="list-style-type: none"> <li>BUSY</li> <li>NOTBUSY</li> </ul>									
DISCREQST	CVDAS	INQ	TERMINAL	DISCREQST	4	LIKE	Yes	Disconnect Requests status		256
DISCREQST Input/output valid values	<ul style="list-style-type: none"> <li>DISCREQ</li> <li>NODISCREQ</li> <li>NOTAPPLIC</li> </ul>									
DUALCASEST	CVDAS	INQ	TERMINAL	DUALCASEST	4	LIKE	No	Dual-case keyboard status		260
DUALCASEST Output valid values	<ul style="list-style-type: none"> <li>DUALCASE</li> <li>NODUALCASE</li> </ul>									
EXITTRACING	CVDAS	INQ	TERMINAL	EXITTRACING	4	LIKE	Yes	Exit tracing status		44
EXITTRACING Input/output valid values	<ul style="list-style-type: none"> <li>EXITTRACE</li> <li>NOEXITTRACE</li> </ul>									
EXITTRACING Output valid values	<ul style="list-style-type: none"> <li>NOTAPPLIC</li> </ul>									
EXTENDEDSSST	CVDAS	INQ	TERMINAL	EXTENDEDSSST	4	LIKE	No	Extended data stream support		264
EXTENDEDSSST Output valid values	<ul style="list-style-type: none"> <li>EXTENDEDSS</li> <li>NOEXTENDEDSS</li> </ul>									
FMHPARMST	CVDAS	INQ	TERMINAL	FMHPARMST	4	LIKE	No	Function management header (FMH) option		268
FMHPARMST Output valid values	<ul style="list-style-type: none"> <li>FMHPARM</li> <li>NOFMHPARM</li> </ul>									
FORMFEEDST	CVDAS	INQ	TERMINAL	FORMFEEDST	4	LIKE	No	Forms feed feature		272
FORMFEEDST Output valid values	<ul style="list-style-type: none"> <li>FORMFEED</li> <li>NOFORMFEED</li> </ul>									
GCHARS	BINARY	INQ	TERMINAL	GCHARS	2	AVG	No	Graphic character set global ID		48
GCODES	BINARY	INQ	TERMINAL	GCODES	2	AVG	No	Code page global ID		50
HFORMST	CVDAS	INQ	TERMINAL	HFORMST	4	LIKE	No	Horizontal form feature		280
HFORMST Output valid values	<ul style="list-style-type: none"> <li>HFORM</li> <li>NOHFORM</li> </ul>									
HILIGHTST	CVDAS	INQ	TERMINAL	HILIGHTST	4	LIKE	No	Extended highlight feature		276
HILIGHTST Output valid values	<ul style="list-style-type: none"> <li>HILIGHT</li> <li>NOHILIGHT</li> </ul>									
INMSGCNT	BINARY	STAT	DFHA06DS	A06TENI	4	AVG	No	Number of input messages		172
KATAKANAST	CVDAS	INQ	TERMINAL	KATAKANAST	4	LIKE	No	Katakana terminal		284
KATAKANAST Output valid values	<ul style="list-style-type: none"> <li>KATAKANA</li> <li>NOKATAKANA</li> </ul>									
LIGHTPENST	CVDAS	INQ	TERMINAL	LIGHTPENST	4	LIKE	No	Selector pen feature		288



Table 1011. TERMNL resource table attributes (continued)										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
LIGHTPENST Output valid values	<ul style="list-style-type: none"> <li>LIGHTPEN</li> <li>NOLIGHTPEN</li> </ul>									
LINKSYSTEM	CHAR	INQ	TERMINAL	LINKSYSTEM	4	DIFF	No	Real link connection for remote TOR		423
MAPNAME	CHAR	INQ	TERMINAL	MAPNAME	7	DIFF	Yes	Last map referenced in SEND MAP command		400
MAPSETNAME	CHAR	INQ	TERMINAL	MAPSETNAME	8	DIFF	Yes	Last map set referenced in SEND MAP command		392
MODENAME	CHAR	INQ	TERMINAL	MODENAME	8	DIFF	No	Mode name		52
MSRCONTROLST	CVDAS	INQ	TERMINAL	MSRCONTROLS T	4	LIKE	No	Magnetic slot reader		292
MSRCONTROLST Output valid values	<ul style="list-style-type: none"> <li>MSRCONTROL</li> <li>NOMSRCONTROL</li> </ul>									
NATLANG	CHAR	INQ	TERMINAL	NATLANG	1	AVG	No	National language ID		64
NATURE	CVDAT	INQ	TERMINAL	NATURE	4	LIKE	No	Terminal definition type		60
NATURE Output valid values	<ul style="list-style-type: none"> <li>TERMINAL</li> <li>MODEL</li> <li>SESSION</li> <li>SURROGATE</li> </ul>									
NETNAME	CHAR	INQ	TERMINAL	NETNAME	8	DIFF	No	Network name		65
NEXTTRANSID	CHAR	INQ	TERMINAL	NEXTTRANSID	4	DIFF	Yes	Next transaction ID		132
NQNAME	CHAR	INQ	TERMINAL	NQNAME	17	DIFF	No	Network qualified name		439
OBFORMATST	CVDAS	INQ	TERMINAL	OBFORMATST	4	LIKE	Yes	Outboard formatting support		296
OBFORMATST Input/output valid values	<ul style="list-style-type: none"> <li>OBFORMAT</li> <li>NOOBFORMAT</li> </ul>									
OBOPERIDST	CVDAS	INQ	TERMINAL	OBOPERIDST	4	LIKE	No	Outboard operator IDs used		300
OBOPERIDST Output valid values	<ul style="list-style-type: none"> <li>OBOPERID</li> <li>NOOBOPERID</li> </ul>									
OPERID	CHAR	INQ	TERMINAL	OPERID	3	DIFF	No	Operator ID		73
OUTLINEST	CVDAS	INQ	TERMINAL	OUTLINEST	4	LIKE	No	Field outlining support		304
OUTLINEST Output valid values	<ul style="list-style-type: none"> <li>OUTLINE</li> <li>NOOUTLINE</li> </ul>									
OUTMSGCNT	BINARY	STAT	DFHA06DS	A06TEN0	4	AVG	No	Number of output messages		176
PAGEHT	BINARY	INQ	TERMINAL	PAGEHT	4	AVG	No	Current page height		308
PAGESTATUS	CVDAS	INQ	TERMINAL	PAGESTATUS	4	LIKE	Yes	BMS paging status		76
PAGESTATUS Input/output valid values	<ul style="list-style-type: none"> <li>PAGEABLE</li> <li>AUTOPAGEABLE</li> </ul>									
PAGEWD	BINARY	INQ	TERMINAL	PAGEWD	4	AVG	No	Current page width		312
PARTITIONSST	CVDAS	INQ	TERMINAL	PARTITIONSST	4	LIKE	No	Partitions status		316
PARTITIONSST Output valid values	<ul style="list-style-type: none"> <li>PARTITIONS</li> <li>NOPARTITIONS</li> </ul>									
PMSGCNT	BINARY	STAT	DFHA06DS	A06TCNT	4	AVG	No	Total pipeline-throwaway count		196

Table 1011. TERMNL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
PMSGCONSEC	BINARY	STAT	DFHA06DS	A06MCNT	2	AVG	No	Maximum pipeline-throwaway count		204
PMSGGRPCNT	BINARY	STAT	DFHA06DS	A06SCNT	4	AVG	No	Number of consecutive pipeline-throwaways		200
POLLCNT	DECIMAL	STAT	DFHA06DS	A06LENP	4	AVG	No	Number of polls sent to terminal		168
PRINTADAPTST	CVDAS	INQ	TERMINAL	PRINTADAPTST	4	LIKE	No	Printer adaptor feature		320
PRINTADAPTST Output valid values	<ul style="list-style-type: none"> <li>• PRINTADAPT</li> <li>• NOPRINTADAPT</li> </ul>									
PRINTER	CHAR	INQ	TERMINAL	PRINTER	4	DIFF	Yes	Printer name		324
PROGSYMBOLST	CVDAS	INQ	TERMINAL	PROGSYMBOLST	4	LIKE	No	Programmed symbol facility support		328
PROGSYMBOLST Output valid values	<ul style="list-style-type: none"> <li>• PROGSYMBOL</li> <li>• NOPROGSYMBOL</li> </ul>									
PRTCOPYST	CVDAS	INQ	TERMINAL	PRTCOPYST	4	LIKE	Yes	Hardware COPY feature for preferred printer		332
PRTCOPYST Input/output valid values	<ul style="list-style-type: none"> <li>• PRTCOPY</li> <li>• NOPRTCOPY</li> </ul>									
PRTCOPYST Output valid values	<ul style="list-style-type: none"> <li>• NOTAPPLIC</li> </ul>									
QUERYST	CVDAS	INQ	TERMINAL	QUERYST	4	LIKE	No	Query option		336
QUERYST Output valid values	<ul style="list-style-type: none"> <li>• ALLQUERY</li> <li>• COLDQUERY</li> <li>• NOQUERY</li> </ul>									
RELREQST	CVDAS	INQ	TERMINAL	RELREQST	4	LIKE	Yes	Release Request status		340
RELREQST Input/output valid values	<ul style="list-style-type: none"> <li>• RELREQ</li> <li>• NORELREQ</li> <li>• NOTAPPLIC</li> </ul>									
REMOTENAME	CHAR	INQ	TERMINAL	REMOTENAME	4	DIFF	No	Name of terminal in remote CICS		160
REMOTESYSNET	CHAR	INQ	TERMINAL	REMOTESYSNET	8	DIFF	No	Remote TOR net name		415
REMOTESYSTEM	CHAR	INQ	TERMINAL	REMOTESYSTEM	4	DIFF	No	Remote system name		164
SCREENHEIGHT	BINARY	INQ	TERMINAL	SCREENHEIGHT	2	AVG	No	Screen height		80
SCREENWIDTH	BINARY	INQ	TERMINAL	SCREENWIDTH	2	AVG	No	Screen width		82
SECURITY	CVDAS	INQ	TERMINAL	SECURITY	4	LIKE	No	Preset security status		36
SECURITY Output valid values	<ul style="list-style-type: none"> <li>• PRESETSEC</li> <li>• NOPRESETSEC</li> </ul>									
SERVSTATUS	CVDAS	INQ	TERMINAL	SERVSTATUS	4	LIKE	Yes	Service status		84
SERVSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• INSERVICE</li> <li>• OUTSERVICE</li> </ul>									
SERVSTATUS Output valid values	<ul style="list-style-type: none"> <li>• GOINGOUT</li> </ul>									
SESSIONTYPE	CVDAS	INQ	TERMINAL	SESSIONTYPE	4	LIKE	No	Session type		136

Table 1011. TERMNL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Offset
SESSIONTYPE Output valid values	<ul style="list-style-type: none"> <li>• LU61</li> <li>• APPCSINGLE</li> <li>• APPCPARALLEL</li> <li>• NOTAPPLIC</li> </ul>									
SIGNONSTATUS	CVDAS	INQ	TERMINAL	SIGNONSTATUS	4	LIKE	No	Sign-on status		88
SIGNONSTATUS Output valid values	<ul style="list-style-type: none"> <li>• SIGNEDON</li> <li>• SIGNEDOFF</li> </ul>									
SOSIST	CVDAS	INQ	TERMINAL	SOSIST	4	LIKE	No	Mixed EBCDIC/DBCS support		344
SOSIST Output valid values	<ul style="list-style-type: none"> <li>• SOSI</li> <li>• NOSOSI</li> </ul>									
STGVCNT	BINARY	STAT	DFHA06DS	A06CSVC	4	AVG	No	Number of storage violations		184
STORAGE	BINARY	STAT	DFHA06DS	A06STG	4	AVG	No	Terminal input-output area (TIOA) storage		372
TASKID	BINARY	INQ	TERMINAL	TASKID	4	AVG	No	Id of task currently executing at terminal		92
TCAMCONTROL	HEX	INQ	TERMINAL	TCAMCONTROL	1	LIKE	Yes	TCAM message control flag		207
TERMMODEL	CNUMERIC	INQ	TERMINAL	TERMMODEL	2	AVG	No	Terminal model number		116
TERMPRIORITY	BINARY	INQ	TERMINAL	TERMPRIORITY	4	AVG	Yes	Terminal priority		96
TERMTYPE	BINARY	STAT	DFHA06DS	A06TETT	1	AVG	No	Terminal type		206
TERRCNT	BINARY	STAT	DFHA06DS	A06TEOE	4	AVG	No	Number of transaction errors		192
TEXTKYBDST	CVDAS	INQ	TERMINAL	TEXTKYBDST	4	LIKE	No	Text-keyboard feature		348
TEXTKYBDST Output valid values	<ul style="list-style-type: none"> <li>• TEXTKYBD</li> <li>• NOTEXTKYBD</li> </ul>									
TEXTPRINTST	CVDAS	INQ	TERMINAL	TEXTPRINTST	4	LIKE	No	Text-print feature		352
TEXTPRINTST Output valid values	<ul style="list-style-type: none"> <li>• TEXTPRINT</li> <li>• NOTEXTPRINT</li> </ul>									
TNADDR	CHAR	INQ			39	DIFF	No	Client TN3270 IPv4 or IPv6 address.	E640 E650 E660 E670 E680 E690 E700 E710	456
TNIPFAMILY	CVDAS	INQ			4	LIKE	No	Address format of the TNADDR option	E640 E650 E660 E670 E680 E690 E700 E710	496
TNIPFAMILY Output valid values	<ul style="list-style-type: none"> <li>• IPV4</li> <li>• IPV6</li> <li>• NOTAPPLIC</li> </ul>									

Table 1011. TERMNL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Set	Description	Get Invalid	Offs et
TNPORT	BINARY	INQ			4	DIFF	No	Port number	E640 E650 E660 E670 E680 E690 E700 E710	500
TRACING	CVDAS	INQ	TERMINAL	TRACING	4	LIKE	Yes	Terminal tracing type		100
TRACING Input/output valid values	<ul style="list-style-type: none"> <li>• SPECTRACE</li> <li>• STANTRACE</li> </ul>									
TRANCNT	BINARY	STAT	DFHA06DS	A06TEOT	4	AVG	No	Number of transactions		180
TRANSACTION	CHAR	INQ	TERMINAL	TRANSACTION	4	DIFF	No	Current transaction name		104
TTISTATUS	CVDAS	INQ	TERMINAL	TTISTATUS	4	LIKE	Yes	Terminal transaction initiation (TTI) status		108
TTISTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• TTI</li> <li>• NOTTI</li> </ul>									
UCTRANST	CVDAS	INQ	TERMINAL	UCTRANST	4	LIKE	Yes	Uppercase translate option support		356
UCTRANST Input/output valid values	<ul style="list-style-type: none"> <li>• UCTRAN</li> <li>• NOUCTRAN</li> <li>• TRANIDONLY</li> </ul>									
USERAREA	ADDRESS	INQ	TERMINAL	USERAREA	4	AVG	No	Terminal user area (TCTUA) address		112
USERAREALEN	BINARY	INQ	TERMINAL	USERAREALEN	2	AVG	No	Terminal user area (TCTUA) length		118
USERID	CHAR	INQ	TERMINAL	USERID	8	DIFF	No	User ID		120
USERNAME	CHAR	INQ	TERMINAL	USERNAME	20	DIFF	No	User name		140
VALIDATIONST	CVDAS	INQ	TERMINAL	VALIDATIONST	4	LIKE	No	Extended validation feature		360
VALIDATIONST Output valid values	<ul style="list-style-type: none"> <li>• VALIDATION</li> <li>• NOVALIDATION</li> </ul>									
VFORMST	CVDAS	INQ	TERMINAL	VFORMST	4	LIKE	No	Vertical form feature		364
VFORMST Output valid values	<ul style="list-style-type: none"> <li>• VFORM</li> <li>• NOVFORM</li> </ul>									
XERRCNT	BINARY	STAT	DFHA06DS	A06TETE	4	AVG	No	Number of transmission errors or disconnects		188
ZCPTRACING	CVDAS	INQ	TERMINAL	ZCPTRACING	4	LIKE	Yes	ZCP tracing status		128
ZCPTRACING Input/ output valid values	<ul style="list-style-type: none"> <li>• ZCPTRACE</li> <li>• NOZCPTRACE</li> </ul>									
ZCPTRACING Output valid values	<ul style="list-style-type: none"> <li>• NOTAPPLIC</li> </ul>									

# Chapter 418. TRANCLAS Resource Table

A CICS Resource that describes a transaction class in an active CICS system being managed by CICSplex SM.

The TRANCLAS resource class can be used to request object instances .

The **Primary** key field for this resource class is NAME.

The following action is supported:

**DISCARD**

Discard a transaction class.

This action requires no unique parameter data.

**External resource name(CMCI)**

CICSTransactionClass

**Object type**

CICS Resource

**Length**

176

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0051

**Security Class**

OPERATE.REGION

**CICS Commands subject to CICS Security**

EXTRACT STATISTICS

INQUIRE TRANCLASS

Table 1012. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 1013. TRANCLAS FEEDBACK error codes		
Value	Code	Description
1	TRANCLAS_INV_DATA	Attribute data invalid

Table 1014. TRANCLAS resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
NAME-1	CHAR	INQ	TRANCLASS	TRANCLASS	8	DIF F	No	Transaction class name			16
ACCEPTAFTRQD	BINARY	STAT	DFHXMCD	XMCTQ	4	AVG	No	Number of transactions accepted after being queued			56
ACCEPTIMMED	BINARY	STAT	DFHXMCD	XMCAI	4	AVG	No	Number of transactions accepted immediately			52
ACTIVE	BINARY	INQ	TRANCLASS	ACTIVE	4	AVG	No	Number of transactions currently active in class			28
ACTIVEPEAK	BINARY	STAT	DFHXMCD	XMCPAT	4	AVG	No	Peak number of active transactions			68
ATTACHES	BINARY	STAT	DFHXMCD	XMCTAT	4	AVG	No	Total number of attach requests			40
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	168
CHANGEAGENT	CVDAS	INQ	TRANCLASS	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650	112
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>										
CHANGEAGREL	CHAR	INQ	TRANCLASS	CHANGEAGREL	4	DIF F	No	Last modification agent release		E640 E650	116
CHANGETIME	DATETIME	INQ	TRANCLASS	CHANGETIME	8	MAX	No	Last modification time		E640 E650	128
CHANGEUSRID	CHAR	INQ	TRANCLASS	CHANGEUSRID	8	DIF F	No	Last modification user ID		E640 E650	104
CURQUEDTIME	INTTSTP	STAT	DFHXMCD	XMCCQTME	8	MAX	No	Total time transactions currently queued			96
DEFINESOURCE	CHAR	INQ	TRANCLASS	DEFINESOURCE	8	DIF F	No	Source of the resource definition		E640 E650	136
DEFINETIME	DATETIME	INQ	TRANCLASS	DEFINETIME	8	MAX	No	Creation time		E640 E650	144
INSTALLAGENT	CVDAS	INQ	TRANCLASS	INSTALLAGENT	4	LIKE	No	Installation agent		E640 E650	120
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• GRPLIST</li> </ul>										
INSTALLDEFS	BINARY	STAT	DFHXMCD	XMCITD	4	AVG	No	Number of transaction definitions installed			64
INSTALLTIME	DATETIME	INQ	TRANCLASS	INSTALLTIME	8	MAX	No	Installation time		E640 E650	160

Table 1014. TRANCLAS resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
INSTALLUSRID	CHAR	INQ	TRANCLASS	INSTALLUSRID	8	DIF F	No	Installation user ID		E640 E650	152
MAXACTIVE	BINARY	INQ	TRANCLASS	MAXACTIVE	4	AVG	Yes	Maximum number of transactions allowed in class			24
PURGEIMMED	BINARY	STAT	DFHXMCD	XMCP	4	AVG	No	Number of transactions purged due to threshold			44
PURGETHRESH	BINARY	INQ			4	AVG	Yes	Purge threshold			36
PURGEWHILEQD	BINARY	STAT	DFHXMCD	XMCPWQ	4	AVG	No	Number of transactions purged while queued			60
PURGTHRTIMES	BINARY	STAT	DFHXMCD	XMCTAPT	4	AVG	No	Number of times purge threshold met			80
QUEUED	BINARY	INQ	TRANCLASS	QUEUED	4	AVG	No	Number of transactions currently queued			32
QUEUEDPEAK	BINARY	STAT	DFHXMCD	XMCPQT	4	AVG	No	Peak number of queued transactions			72
QUEUETIME	INTTSTP	STAT	DFHXMCD	XMCTQTME	8	MAX	No	Total time transactions queued			88
TIMESATMAX	BINARY	STAT	DFHXMCD	XMCTAMA	4	AVG	No	Times maximum active transactions reached			76
TOTQUEDCNT	BINARY	STAT	DFHXMCD	XMCAAQ	4	AVG	No	Total number of transactions queued			48





# Chapter 419. TRANDEF Resource Table

A CICS Definition that describes how a transaction is to run.

The **Primary** key field for this resource class is NAME. Note that a transaction name can be only 4 characters long. The remainder of the 8-character NAME field should be padded with blank spaces.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a Transaction Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionTransaction

**Object type**

CICS Definition

**Length**

576

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3813

**Security Class**

OPERATE.TRAN

Table 1015. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No

Table 1015. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(DYNAM, STAT)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL, REMOTE)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 1016. TRANDEF FEEDBACK error codes		
Value	Code	Description
1	TRANDEF_INV_DATA	Attribute data invalid
2	TRANDEF_REC_NOT_FOUND	Requested resource not found
4	TRANDEF_REC_EXISTS	Resource already exists
5	TRANDEF_REC_CHANGED	Resource definition already changed
6	TRANDEF_INV_RESTYPE	Invalid resource type
7	TRANDEF_INV_VER	Invalid resource version
11	TRANDEF_NON_MP	Maintenance point CMAS not available
12	TRANDEF_INV_CONTEXT	Context not found
13	TRANDEF_INCONSISTENT_SET	Inconsistent set condition
14	TRANDEF_INV_RESGROUP	Resource group not found
21	TRANDEF_INV_ACTION	Invalid action
22	TRANDEF_INV_RECADDR	Invalid record address
23	TRANDEF_INV_RECLEN	Invalid record length
24	TRANDEF_DIFF_VERSION	Different version
25	TRANDEF_EARLY_NAMELIST_END	Early name list end
26	TRANDEF_INV_NAMELIST	Invalid name list
27	TRANDEF_INV_NAME	Invalid name
28	TRANDEF_INV_MINNAME	Invalid minor name
29	TRANDEF_NOTIFY	Notify

Table 1016. TRANDEF FEEDBACK error codes (continued)

Value	Code	Description
30	TRANDEF_PARTIAL_INSTALL	Partial install
31	TRANDEF_NOTHING_INSTALLED	Nothing installed
32	TRANDEF_NO_TARGETS	No targets
33	TRANDEF_NO_RELATED	No related systems
34	TRANDEF_INV_TSCOPE	Invalid target scope
35	TRANDEF_INV_RSCOPE	Invalid related scope
36	TRANDEF_INV_USAGE	Invalid usage
37	TRANDEF_INV_MODE	Invalid mode
38	TRANDEF_INV_STATECHK	Invalid state check
39	TRANDEF_INV_FORCEINS	Invalid force install
40	TRANDEF_INV_NOTIFY	Invalid notify
41	TRANDEF_INV_OVERTYPE	Invalid oertype
42	TRANDEF_INV_OVRBLOCK	Invalid override block
43	TRANDEF_INV_ORSTRING	Invalid override string
44	TRANDEF_INV_STRNGTERM	Invalid string terminator
45	TRANDEF_INV_EMBEDTERM	Invalid embedded terminator
46	TRANDEF_INV_ATTRIBUTE	Invalid attribute
47	TRANDEF_INV_LITERAL	Invalid literal
48	TRANDEF_INV_ORSTGNA	Invalid override string
49	TRANDEF_SCOPE_REQUIRED	Scope required
50	TRANDEF_USAGE_CONFLICT	Usage conflict
51	TRANDEF_NODEFS_SELECTED	No definitions selected
52	TRANDEF_MORE_THAN_1_RELSYS	More than one related system
53	TRANDEF_MISSING_RELSYSID	Missing related system identifier
54	TRANDEF_SCOPE_CONFLICT	Scope conflict
55	TRANDEF_INV_CSDGROUP	Invalid CSD group
56	TRANDEF_REC_NOT_REMOVED	Record not removed
57	TRANDEF_INV_RESOURCE	Invalid resource
58	TRANDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	TRANDEF_PARTIAL_ACTION	Partial action
60	TRANDEF_NOTHING_ACTIONED	Nothing actioned
61	TRANDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	TRANDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	TRANDEF_CSD_ERROR	CSD access error

Table 1017. TRANDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	564
ALIAS	CHAR	CPSM	4	No	DIFF	Alias name for transaction				33
BREXIT	CHAR	CPSM	8	No	DIFF	Bridge exit name				538
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CMDSEC	EYUDA	CPSM	4	Yes	LIKE	Command level security option	NO			76
CMDSEC Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
CONFDATA	EYUDA	CPSM	4	No	LIKE	Suppress user data in trace entries	NO			440
CONFDATA Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				448
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		560
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				480
DTIMOUT	CHAR	CPSM	4	No	DIFF	Deadlock timeout value	NO	1-6800		200
DTIMOUT Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> </ul>									
DUMP	EYUDA	CPSM	4	Yes	LIKE	Transaction dump option	YES			180
DUMP Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
DYNAMIC	EYUDA	CPSM	4	Yes	LIKE	Dynamic routing option	NO			184
DYNAMIC Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
EXTSEC	EYUDA	CPSM	4	No	LIKE	External security manager option	N_A		E330 +	416
EXTSEC Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• N_A</li> </ul>									
FAILACTION	CVDAS	CPSM	4	No	LIKE	CICS failure action	BACKOUT			68
FAILACTION Input/output valid values	<ul style="list-style-type: none"> <li>• BACKOUT</li> <li>• COMMIT</li> </ul>									
INDOUBT	CVDAS	CPSM	4	No	LIKE	In-doubt failure processing action	BACKOUT		E510 +	72

Table 1017. TRANDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
INDOUBT Input/output valid values	<ul style="list-style-type: none"> <li>BACKOUT</li> <li>COMMIT</li> <li>WAIT</li> </ul>									
ISOLATE	EYUDA	CPSM	4	Yes	LIKE	Transaction isolation option	YES			176
ISOLATE Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>									
LOCALQ	EYUDA	CPSM	4	No	LIKE	Queueing on local system	N_A			100
LOCALQ Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> <li>N_A</li> </ul>									
OTSTIMEOUT	CHAR	CPSM	6	Yes	DIFF	Object transaction service (OTS) timeout (HHMMSS)	NO			552
PARTITIONSET	CHAR	CPSM	8	No	DIFF	Default application partition set				160
PRIMEDSIZE	CHAR	CPSM	8	No	DIFF	Primed storage allocation	0	0-65520	E330 +	407
PRIORITY	CHAR	CPSM	4	No	DIFF	Transaction priority	1	0-255		188
PROFILE	CHAR	CPSM	8	No	DIFF	Transaction profile	DFHCICST			57
PROGRAM	CHAR	CPSM	8	No	DIFF	First program name				37
REMOTENAME	CHAR	CPSM	8	No	DIFF	Remote transaction name				45
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	Remote system name				53
RESSEC	EYUDA	CPSM	4	Yes	LIKE	Resource security checking	NO			104
RESSEC Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>									
RESTART	EYUDA	CPSM	4	Yes	LIKE	Transaction restart facility	NO			112
RESTART Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>									
ROUTABLE	EYUDA	CPSM	4	Yes	LIKE	Dynamic routing status	NO			548
ROUTABLE Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>									
RSL	CHAR	CPSM	8	No	DIFF	Resource security value	0	0-24	E330 +	432
RSL Input/output valid values	<ul style="list-style-type: none"> <li>PUBLIC</li> </ul>									
RSLC	EYUDA	CPSM	4	No	LIKE	Resource security level check	NO		E330 +	428
RSLC Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>									
RUNAWAY	CHAR	CPSM	8	No	DIFF	Runaway timeout value	SYSTEM	0-2700000		192
RUNAWAY Input/output valid values	<ul style="list-style-type: none"> <li>SYSTEM</li> </ul>									
SECURE	EYUDA	CPSM	4	No	LIKE	Operator sign-on required	YES		EALL	420
SECURE Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>									

Table 1017. TRANDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
SHUTDOWN	CVDAS	CPSM	4	Yes	LIKE	Shutdown run status	DISABLED			80
SHUTDOWN Input/output valid values	<ul style="list-style-type: none"> <li>ENABLED</li> <li>DISABLED</li> </ul>									
SPURGE	EYUDA	CPSM	4	Yes	LIKE	System purgeable option	YES			116
SPURGE Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>									
STATUS	CVDAS	CPSM	4	Yes	LIKE	Enabled status	ENABLED			84
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>ENABLED</li> <li>DISABLED</li> </ul>									
STORAGECLEAR	EYUDA	CPSM	4	Yes	LIKE	Storage clearance status	NO			108
STORAGECLEAR Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>									
TASKDATAKEY	CVDAS	CPSM	4	Yes	LIKE	Task data key	USER			88
TASKDATAKEY Input/output valid values	<ul style="list-style-type: none"> <li>USER</li> <li>CICS</li> </ul>									
TASKDATALOC	CVDAS	CPSM	4	Yes	LIKE	Task data location	ANY			92
TASKDATALOC Input/output valid values	<ul style="list-style-type: none"> <li>BELOW</li> <li>ANY</li> </ul>									
TASKREQ	CHAR	CPSM	4	No	LIKE	Transaction initiation				96
TCLASS	CHAR	CPSM	4	No	DIFF	Transaction class number	NO	1-10	E410 +	148
TCLASS Input/output valid values	<ul style="list-style-type: none"> <li>NO</li> </ul>									
TPNAME	CHAR	CPSM	64	No	DIFF	APPC partner transaction name				211
TPURGE	EYUDA	CPSM	4	Yes	LIKE	Purgeable for terminal error option	YES			120
TPURGE Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>									
TRACE	EYUDA	CPSM	4	Yes	LIKE	Trace transaction activity option	YES			128
TRACE Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>									
TRANCLASS	CHAR	CPSM	8	No	DIFF	Transaction class name	DFHTCL00			140
TRANSEC	CHAR	CPSM	4	No	DIFF	Transaction security value	1	1-64	E330 +	403
TRPROF	CHAR	CPSM	8	No	DIFF	Transaction routing profile	DFHCICSS			132
TWASIZE	CHAR	CPSM	8	No	DIFF	Size in bytes of transaction work area (TWA)	0	0-32767		152
USEALTSCRSIZ	EYUDA	CPSM	4	No	LIKE	Use alternate screen size	NO		EALL	424
USEALTSCRSIZ Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				456
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				464
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				472

Table 1017. TRANDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
WAIT	EYUDA	CPSM	4	Yes	LIKE	In-doubt wait option	YES			124
WAIT Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
WAITTIMEDD	CHAR	CPSM	3	No	DIFF	In-doubt wait time (days)	0	0-99		204
WAITTIMEHH	CHAR	CPSM	2	No	DIFF	In-doubt wait time (hours)	0	0-23		207
WAITTIMEMM	CHAR	CPSM	2	No	DIFF	In-doubt wait time (minutes)	0	0-59		209
XTPNAME	CHAR	CPSM	128	No	DIFF	Alternate partner transaction name (in hex)				275
XTRANID	CHAR	CPSM	8	No	DIFF	Alternate name (in hex) for initiating transaction				168





# Chapter 420. TRANDUMP Resource Table

A CICS Resource that describes a transaction dump code in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is TRANDUMPCODE.

Valid characters include uppercase characters (A-Z), lowercase characters (a-z), digits (0-9), and the special characters \$ @ # / % & ? ! : | ; , ¢ + \* ~ - and \_ . In some cases, the characters < > . = and " are also valid depending on where you set them. Any lowercase characters you enter are converted to uppercase.

The following actions are supported:

### ADD

Add a transaction dump code.

The parameter data for the ADD action is:

```
PARM('CODE(code) [SCOPE(cvda1)] [MAX(nnn)]  
      [SHUT(cvda2)] [SDUMP(cvda3)] [TDUMP(cvda4)] .')
```

where:

- *code* is required and must be the 1- to 4-character transaction dump code.
- *cvda1* is one of the following valid CVDA values for the dump scope option:

LOCAL  
RELATED

- *nnn* is the maximum number of dumps, from 0 - 999.
- *cvda2* is one of the following valid CVDA values for the shutdown option:

SHUTDOWN  
NOSHUTDOWN

- *cvda3* is one of the following valid CVDA values for the system dump option:

SYSDUMP  
NOSYSDUMP

- *cvda4* is one of the following valid CVDA values for the transaction dump option:

TRANDUMP  
NOTRANDUMP

### DELETE

Remove a transaction dump code.

### RESET

Reset transaction dump code values.

### External resource name(CMCI)

CICSTransactionDump

### Object type

CICS Resource

### Length

128

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0005

**Security Class**

OPERATE.REGION

**CICS Commands subject to CICS Security**

EXTRACT STATISTICS

INQUIRE TRANDUMPCODE

Table 1018. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADD	CODE(value)	Yes
		MAX(value)	Yes
		SCOPE(LOCAL, RELATED)	No
		SDUMP(SYSDUMP, NOSYSDUMP)	No
		SHUT(SHUTDOWN, NOSHUTDOWN)	No
		TDUMP(TRANDUMP, NOTRANDUMP)	No
	RESET	None	N/A
	DELETE	None	N/A

Table 1019. TRANDUMP FEEDBACK error codes		
Value	Code	Description
1	TRANDUMP_ADD_FAILED	Add failed

Table 1020. TRANDUMP resource table attributes											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIF	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
TRANDUMPCODE-1	CHAR	INQ	TRANDUMPCODE	TRANDUMPCODE	4	DIF	No	Transaction dump code			16

Table 1020. TRANDUMP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Invalid	Offset
CHANGEAGENT	CVDAS	INQ			4	LIKE	No	Last modification agent		E640 E650 E660 E670 E680 E690 E700 E710 E720	72
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• DYNAMIC</li> <li>• SYSTEM</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>										
CHANGEAGREL	CHAR	INQ			4	DIF	No	Last modification agent release		E640 E650 E660 E670 E680 E690 E700 E710 E720	76
CHANGETIME	DATETIME	INQ			8	MAX	No	Last modification time		E640 E650 E660 E670 E680 E690 E700 E710 E720	64
CHANGEUSRID	CHAR	INQ			8	DIF	No	Last modification user ID		E640 E650 E660 E670 E680 E690 E700 E710 E720	80
CURRENT	BINARY	INQ	TRANDUMPCODE	CURRENT	4	AVG	No	Number of dump calls since last reset			20
DEFINESOURCE	CHAR	INQ			8	DIF	No	Source of the resource definition		E640 E650 E660 E670 E680 E690 E700 E710 E720	88
DEFINETIME	DATETIME	INQ			8	MAX	No	Creation time		E640 E650 E660 E670 E680 E690 E700 E710 E720	96

Table 1020. TRANDUMP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Value Range	Get Invalid	Offset
INSTALLAGENT	CVDAS	INQ			4	LIKE	No	Installation agent		E640 E650 E660 E670 E680 E690 E700 E710 E720	120
INSTALLAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• DYNAMIC</li> <li>• SYSTEM</li> <li>• GRPLIST</li> </ul>										
INSTALLTIME	DATETIME	INQ			8	MAX	No	Installation time		E640 E650 E660 E670 E680 E690 E700 E710 E720	112
INSTALLUSRID	CHAR	INQ			8	DIFF	No	Installation user ID		E640 E650 E660 E670 E680 E690 E700 E710 E720	104
MAXIMUM	BINARY	INQ	TRANDUMPC ODE	MAXIMUM	4	AVG	Yes	Maximum number of dump calls	0-999		24
SDMPSUPP	BINARY	STAT	DFHTDRDS	TDRSSUPR	4	AVG	No	Number of system dumps suppressed			52
SDMPTOTL	BINARY	STAT	DFHTDRDS	TDRSTKN	4	AVG	No	Number of system dumps taken			48
SHUTOPTION	CVDAS	INQ	TRANDUMPC ODE	SHUTOPTION	4	LIKE	Yes	Shutdown option			28
SHUTOPTION Input/ output valid values	<ul style="list-style-type: none"> <li>• SHUTDOWN</li> <li>• NOSHUTDOWN</li> </ul>										
SYSDUMPING	CVDAS	INQ	TRANDUMPC ODE	SYSDUMPING	4	LIKE	Yes	System dump option			32
SYSDUMPING Input/ output valid values	<ul style="list-style-type: none"> <li>• SYSDUMP</li> <li>• NOSYSDUMP</li> </ul>										
TDMPSUPP	BINARY	STAT	DFHTDRDS	TDRTSUPR	4	AVG	No	Number of transaction dumps suppressed			44
TDMPTOTL	BINARY	STAT	DFHTDRDS	TDRTTKN	4	AVG	No	Number of transaction dumps taken			40
TDUMPSCOPE	CVDAS	INQ	TRANDUMPC ODE	DUMPSCOPE	4	LIKE	Yes	Transaction dump scope type			56
TDUMPSCOPE Input/ output valid values	<ul style="list-style-type: none"> <li>• LOCAL</li> <li>• RELATED</li> </ul>										
TRANDUMPING	CVDAS	INQ			4	LIKE	Yes	Transaction dump option			36

Table 1020. TRANDUMP resource table attributes (continued)											
Name	Datatype	Source	CICS Source	CICS Field	Le n	Su m	Set	Description	Value Range	Get Inva lid	Offs et
TRANDUMPING Input/ output valid values	<ul style="list-style-type: none"> <li>• TRANDUMP</li> <li>• NOTRANDUMP</li> </ul>										



## Chapter 421. TRANGRP Resource Table

A CPSM Workload Manager Definition that describes the separation and or affinity controls for a set of dynamic transactions. The TRANGRP object is also the binding target for the DTRINGRP associator object.

The **Primary** key field for this resource class is NAME.

**External resource name(CMCI)**

CICSTransactionGroup

**Object type**

CICSplex SM Definition

**Length**

144

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3509

**Security Class**

WORKLOAD.DEF

Table 1021. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDTRAN	PCONV(N_A, START, END)	No
		TRANID(value)	Yes

Table 1022. TRANGRP FEEDBACK error codes		
Value	Code	Description
1	TRANGRP_INV_DATA	Attribute data invalid
2	TRANGRP_REC_NOT_FOUND	Requested resource not found
3	TRANGRP_INV_REFERENCE	Trangrp does not exist
4	TRANGRP_REC_EXISTS	Resource already exists
5	TRANGRP_REC_CHANGED	Resource definition already changed

Table 1022. TRANGRP FEEDBACK error codes (continued)

Value	Code	Description
21	TRANGRP_ABEND_COMBINATION	Abend load must be less than abend probability

Table 1023. TRANGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name			36
ABENDCRIT	BINARY	CPSM	1	Yes	AVG	Acceptable level of abend probability	0	2-99	126
ABENDTHRESH	BINARY	CPSM	1	Yes	AVG	Acceptable abend load threshold	0	1-98	127
ABENDTHRESH Input/output valid values	• 0								
AFFAUTO	EYUDA	CPSM	4	No	LIKE	Automatic affinity creation	N_A		128
AFFAUTO Input/output valid values	• YES • NO • N_A								
AFFINITY	EYUDA	CPSM	4	No	LIKE	Affinity relationship			44
AFFINITY Input/output valid values	• N_A • GLOBAL • LUNAME • USERID • BAPPL • LOCKED								
AFFLIFE	EYUDA	CPSM	4	No	LIKE	Affinity lifetime			48
AFFLIFE Input/output valid values	• N_A • LOGON • PCONV • PERMANENT • SIGNON • SYSTEM • DELIMIT • ACTIVITY • PROCESS • UOW								
ALGTYPE	EYUDA	CPSM	4	No	LIKE	Algorithm type	INHERIT		132
ALGTYPE Input/output valid values	• INHERIT • QUEUE • LNQUEUE • GOAL • LNGOAL								
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/output valid values	• DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16



Table 1023. TRANGRP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
DESC	CHAR	CPSM	58	No	DIFF	Description			60
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	136
EVENTNAME	CHAR	CPSM	8	No	DIFF	RTA event			118
MATCH	EYUDA	CPSM	4	Yes	LIKE	Primary search criterion			52
MATCH Input/output valid values	<ul style="list-style-type: none"> <li>LUNAME</li> <li>USERID</li> </ul>								
STATE	EYUDA	CPSM	4	Yes	LIKE	Transaction group status			56
STATE Input/output valid values	<ul style="list-style-type: none"> <li>ACTIVE</li> <li>DORMANT</li> </ul>								



# Chapter 422. TRMINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a terminal definition (TERMDEF) in a resource group (RESGROUP). A TERMDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is TERMGROUP.

The **Secondary** key field for this resource class is TERMNAME.

The **Tertiary** key field for this resource class is TERMVER.

There are no object specific actions for this resource class.

**Object type**

CICSplex SM Definition

**Length**

56

**Usage**

API, Batch Utility, WUI

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt6157

**Security Class**

BAS.DEF

Table 1024. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 1025. TRMINGRP FEEDBACK error codes		
Value	Code	Description
1	TRMINGRP_INV_DATA	Attribute data invalid
2	TRMINGRP_REC_NOT_FOUND	Requested resource not found
4	TRMINGRP_REC_EXISTS	Resource already exists
6	TRMINGRP_INV_RESTYPE	Invalid resource type
7	TRMINGRP_INV_VER	Invalid resource version
11	TRMINGRP_NON_MP	Maintenance point CMAS not available

Table 1025. TRMINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	TRMINGRP_INV_CONTEXT	Context not found
21	TRMINGRP_INCONSISTENT_SET	Inconsistent set
22	TRMINGRP_DIFF_VERSION	Different version
23	TRMINGRP_INV_NAME	Invalid name
24	TRMINGRP_INV_MINNAME	Invalid minor name

Table 1026. TRMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
TERMGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
TERMNAME-2	CHAR	CPSM	8	Yes	DIFF	Terminal definition name	44
TERMVER-3	BINARY	CPSM	1	Yes	AVG	Terminal definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 423. TRNCLDEF Resource Table

A CICS Definition that describes the operational characteristics for transactions belonging to a given class.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a Transaction Class Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionTransactionClass

**Object type**

CICS Definition

**Length**

152

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3814

**Security Class**

OPERATE.REGION

Table 1027. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No

Table 1027. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 1028. TRNCLDEF FEEDBACK error codes

Value	Code	Description
1	TRNCLDEF_INV_DATA	Attribute data invalid
2	TRNCLDEF_REC_NOT_FOUND	Requested resource not found
4	TRNCLDEF_REC_EXISTS	Resource already exists
5	TRNCLDEF_REC_CHANGED	Resource definition already changed
6	TRNCLDEF_INV_RESTYPE	Invalid resource type
7	TRNCLDEF_INV_VER	Invalid resource version
11	TRNCLDEF_NON_MP	Maintenance point CMAS not available
12	TRNCLDEF_INV_CONTEXT	Context not found
13	TRNCLDEF_INCONSISTENT_SET	Inconsistent set condition
14	TRNCLDEF_INV_RESGROUP	Resource group not found
21	TRNCLDEF_INV_ACTION	Invalid action
22	TRNCLDEF_INV_RECADDR	Invalid record address
23	TRNCLDEF_INV_RECLEN	Invalid record length
24	TRNCLDEF_DIFF_VERSION	Different version
25	TRNCLDEF_EARLY_NAMELIST_END	Early name list end
26	TRNCLDEF_INV_NAMELIST	Invalid name list
27	TRNCLDEF_INV_NAME	Invalid name
28	TRNCLDEF_INV_MINNAME	Invalid minor name
29	TRNCLDEF_NOTIFY	Notify

Table 1028. TRNCLDEF FEEDBACK error codes (continued)

Value	Code	Description
30	TRNCLDEF_PARTIAL_INSTALL	Partial install
31	TRNCLDEF_NOTHING_INSTALLED	Nothing installed
32	TRNCLDEF_NO_TARGETS	No targets
33	TRNCLDEF_NO_RELATED	No related systems
34	TRNCLDEF_INV_TSCOPE	Invalid target scope
35	TRNCLDEF_INV_RSCOPE	Invalid related scope
36	TRNCLDEF_INV_USAGE	Invalid usage
37	TRNCLDEF_INV_MODE	Invalid mode
38	TRNCLDEF_INV_STATECHK	Invalid state check
39	TRNCLDEF_INV_FORCEINS	Invalid force install
40	TRNCLDEF_INV_NOTIFY	Invalid notify
41	TRNCLDEF_INV_OVERTYPE	Invalid oertype
42	TRNCLDEF_INV_OVRBLOCK	Invalid override block
43	TRNCLDEF_INV_ORSTRING	Invalid override string
44	TRNCLDEF_INV_STRNGTERM	Invalid string terminator
45	TRNCLDEF_INV_EMBEDTERM	Invalid embedded terminator
46	TRNCLDEF_INV_ATTRIBUTE	Invalid attribute
47	TRNCLDEF_INV_LITERAL	Invalid literal
48	TRNCLDEF_INV_ORSTGNA	Invalid override string
49	TRNCLDEF_SCOPE_REQUIRED	Scope required
50	TRNCLDEF_USAGE_CONFLICT	Usage conflict
51	TRNCLDEF_NODEFS_SELECTED	No definitions selected
52	TRNCLDEF_MORE_THAN_1_RELSYS	More than one related system
53	TRNCLDEF_MISSING_RELSYSID	Missing related system identifier
54	TRNCLDEF_SCOPE_CONFLICT	Scope conflict
55	TRNCLDEF_INV_CSDGROUP	Invalid CSD group
56	TRNCLDEF_REC_NOT_REMOVED	Record not removed
57	TRNCLDEF_INV_RESOURCE	Invalid resource
58	TRNCLDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	TRNCLDEF_PARTIAL_ACTION	Partial action
60	TRNCLDEF_NOTHING_ACTIONED	Nothing actioned
61	TRNCLDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	TRNCLDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	TRNCLDEF_CSD_ERROR	CSD access error

Table 1029. TRNCLDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	144
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				48
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		140
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				80
MAXACTIVE	CHAR	CPSM	4	Yes	DIFF	Maximum number of active transactions allowed in class	0	0-999		33
PURGETHRESH	CHAR	CPSM	8	No	DIFF	Purge threshold	NO	1-1000000		37
PURGETHRESH Input/ output valid values	<ul style="list-style-type: none"> <li>• NO</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				56
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				64
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				72



## Chapter 424. TRNINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a transaction definition (TRANDEF) in a resource group (RESGROUP). A TRANDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is TRANGROUP.

The **Secondary** key field for this resource class is TRANNAME.

The **Tertiary** key field for this resource class is TRANVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6158

### Security Class

BAS.DEF

Table 1030. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 1031. TRNINGRP FEEDBACK error codes		
Value	Code	Description
1	TRNINGRP_INV_DATA	Attribute data invalid
2	TRNINGRP_REC_NOT_FOUND	Requested resource not found
4	TRNINGRP_REC_EXISTS	Resource already exists
6	TRNINGRP_INV_RESTYPE	Invalid resource type
7	TRNINGRP_INV_VER	Invalid resource version
11	TRNINGRP_NON_MP	Maintenance point CMAS not available

Table 1031. TRNINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	TRNINGRP_INV_CONTEXT	Context not found
21	TRNINGRP_INCONSISTENT_SET	Inconsistent set
22	TRNINGRP_DIFF_VERSION	Different version
23	TRNINGRP_INV_NAME	Invalid name
24	TRNINGRP_INV_MINNAME	Invalid minor name

Table 1032. TRNINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
TRANGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
TRANNAME-2	CHAR	CPSM	8	Yes	DIFF	Transaction definition name	44
TRANVER-3	BINARY	CPSM	1	Yes	AVG	Transaction definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 425. TSKSPOLS Resource Table

A CICS Resource that describes all the CICS task storage subpools in an active system being managed by CICSplex SM.

The TSKSPOLS resource does not provide an explicit key attribute. The set of object instances returned is a function of the scope in effect when the request is made.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSAllTaskSubpools

**Object type**

CICS Resource

**Length**

256

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0147

**CICS Commands subject to CICS Security**

INQUIRE TASK

Table 1033. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 1034. TSKSPOLS resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
DSAELEMPCTC	PERCENT3	CPSM			4	AVG	CDSA percentage of DSA used by elements	160
DSAELEMPCTEC	PERCENT3	CPSM			4	AVG	ECDSA percentage of DSA used by elements	172
DSAELEMPCTEU	PERCENT3	CPSM			4	AVG	EUDSA percentage of DSA used by elements	228
DSAELEMPCTU	PERCENT3	CPSM			4	AVG	UDSA percentage of DSA used by elements	216

Table 1034. TSKSPOLS resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
DSAPAGPPCTC	PERCENT3	CPSM			4	AVG	CDSA peak percentage of page pool use	168
DSAPAGPPCTEC	PERCENT3	CPSM			4	AVG	ECDSA peak percentage of page pool use	196
DSAPAGPPCTEU	PERCENT3	CPSM			4	AVG	EUDSA peak percentage of page pool use	252
DSAPAGPPCTU	PERCENT3	CPSM			4	AVG	UDSA peak percentage of page pool use	224
FREEMAINRTC	RATE3	CPSM			8	AVG	CDSA FREEMAIN rate since last reset	152
FREEMAINRTEC	RATE3	CPSM			8	AVG	ECDSA FREEMAIN rate since last reset	184
FREEMAINRTEU	RATE3	CPSM			8	AVG	EUDSA FREEMAIN rate since last reset	240
FREEMAINRTU	RATE3	CPSM			8	AVG	UDSA FREEMAIN rate since last reset	208
GETMAINRTC	RATE3	CPSM			8	AVG	CDSA GETMAIN rate since last reset	144
GETMAINRTEC	RATE3	CPSM			8	AVG	ECDSA GETMAIN rate since last reset	176
GETMAINRTEU	RATE3	CPSM			8	AVG	EUDSA GETMAIN rate since last reset	232
GETMAINRTU	RATE3	CPSM			8	AVG	UDSA GETMAIN rate since last reset	200
PAGEPLPCTC	PERCENT3	CPSM			4	AVG	CDSA current percentage of page pool use	164
PAGEPLPCTEC	PERCENT3	CPSM			4	AVG	ECDSA current percentage of page pool use	192
PAGEPLPCTEU	PERCENT3	CPSM			4	AVG	EUDSA current percentage of page pool use	248
PAGEPLPCTU	PERCENT3	CPSM			4	AVG	UDSA current percentage of page pool use	220
SMTACCESSC	EYUDA	STAT	SMTBODY	SMTACCESS	4	LIKE	CDSA subpool access type	20
SMTACCESSC Output valid values	<ul style="list-style-type: none"> <li>• CICS</li> <li>• USER</li> </ul>							
SMTACCESSEC	EYUDA	STAT	SMTBODY	SMTACCESS	4	LIKE	ECDSA subpool access type	52
SMTACCESSEC Output valid values	<ul style="list-style-type: none"> <li>• CICS</li> <li>• USER</li> </ul>							
SMTACCESSEU	EYUDA	STAT	SMTBODY	SMTACCESS	4	LIKE	EUDSA subpool access type	116
SMTACCESSEU Output valid values	<ul style="list-style-type: none"> <li>• CICS</li> <li>• USER</li> </ul>							
SMTACCESSU	EYUDA	STAT	SMTBODY	SMTACCESS	4	LIKE	UDSA subpool access type	84
SMTACCESSU Output valid values	<ul style="list-style-type: none"> <li>• CICS</li> <li>• USER</li> </ul>							
SMTCESCDSA	BINARY	STAT	SMTBODY	SMTCES	4	AVG	CDSA sum of all element lengths	32
SMTCESECDSA	BINARY	STAT	SMTBODY	SMTCES	4	AVG	ECDSA sum of all element lengths	64
SMTCESEUDSA	BINARY	STAT	SMTBODY	SMTCES	4	AVG	EUDSA sum of all element lengths	128

Table 1034. TSKSPOLS resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
SMTCESUDSA	BINARY	STAT	SMTBODY	SMTCES	4	AVG	UDSA sum of all element lengths	96
SMTCNECDSA	BINARY	STAT	SMTBODY	SMTCNE	4	AVG	CDSA current number of elements	40
SMTCNEECDSA	BINARY	STAT	SMTBODY	SMTCNE	4	AVG	ECDSA current number of elements	72
SMTCNEEUDSA	BINARY	STAT	SMTBODY	SMTCNE	4	AVG	EUDSA current number of elements	136
SMTCNEUDSA	BINARY	STAT	SMTBODY	SMTCNE	4	AVG	UDSA current number of elements	104
SMTCPSCDSA	BINARY	STAT	SMTBODY	SMTCPSP	4	AVG	CDSA current page storage	36
SMTCPSECDSA	BINARY	STAT	SMTBODY	SMTCPSP	4	AVG	ECDSA current page storage	68
SMTCPSEUDSA	BINARY	STAT	SMTBODY	SMTCPSP	4	AVG	EUDSA current page storage	132
SMTCPsudsa	BINARY	STAT	SMTBODY	SMTCPSP	4	AVG	UDSA current page storage	100
SMTFMREQCDSA	BINARY	STAT	SMTBODY	SMTFMREQ	4	AVG	CDSA number of FREEMAIN requests	28
SMTFMREQEC	BINARY	STAT	SMTBODY	SMTFMREQ	4	AVG	ECDSA number of FREEMAIN requests	60
SMTFMREQEU	BINARY	STAT	SMTBODY	SMTFMREQ	4	AVG	EUDSA number of FREEMAIN requests	124
SMTFMREQUDSA	BINARY	STAT	SMTBODY	SMTFMREQ	4	AVG	UDSA number of FREEMAIN requests	92
SMTGMREQCDSA	BINARY	STAT	SMTBODY	SMTGMREQ	4	AVG	CDSA number of GETMAIN requests	24
SMTGMREQEC	BINARY	STAT	SMTBODY	SMTGMREQ	4	AVG	ECDSA number of GETMAIN requests	56
SMTGMREQEU	BINARY	STAT	SMTBODY	SMTGMREQ	4	AVG	EUDSA number of GETMAIN requests	120
SMTGMREQUDSA	BINARY	STAT	SMTBODY	SMTGMREQ	4	AVG	UDSA number of GETMAIN requests	88
SMTHWMPSCDSA	BINARY	STAT	SMTBODY	SMTHWMPSP	4	AVG	CDSA peak page storage	44
SMTHWMPSEC	BINARY	STAT	SMTBODY	SMTHWMPSP	4	AVG	ECDSA peak page storage	76
SMTHWMPSEU	BINARY	STAT	SMTBODY	SMTHWMPSP	4	AVG	EUDSA peak page storage	140
SMTHWMPsudsa	BINARY	STAT	SMTBODY	SMTHWMPSP	4	AVG	UDSA peak page storage	108
SMTLOCNCDSA	EYUDA	STAT	SMTBODY	SMTLOCN	4	LIKE	CDSA location above/below 16MB line	16
SMTLOCNCDSA Output valid values	<ul style="list-style-type: none"> <li>• ABOVE</li> <li>• BELOW</li> </ul>							
SMTLOCNECDSA	EYUDA	STAT	SMTBODY	SMTLOCN	4	LIKE	ECDSA location above/below 16MB line	48
SMTLOCNECDSA Output valid values	<ul style="list-style-type: none"> <li>• ABOVE</li> <li>• BELOW</li> </ul>							
SMTLOCNEUDSA	EYUDA	STAT	SMTBODY	SMTLOCN	4	LIKE	EUDSA location above/below 16MB line	112
SMTLOCNEUDSA Output valid values	<ul style="list-style-type: none"> <li>• ABOVE</li> <li>• BELOW</li> </ul>							
SMTLOCNUDSA	EYUDA	STAT	SMTBODY	SMTLOCN	4	LIKE	UDSA location above/below 16MB line	80
SMTLOCNUDSA Output valid values	<ul style="list-style-type: none"> <li>• ABOVE</li> <li>• BELOW</li> </ul>							



## Chapter 426. TSKSPOOL Resource Table

A CICS Resource that describes CICS task storage subpools in an active system being managed by CICSplex SM.

The **Primary** key field for this resource class is SMTDSANAME.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSTaskSubpool

### Object type

CICS Resource

### Length

88

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0119

### CICS Commands subject to CICS Security

INQUIRE TASK

Table 1035. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 1036. TSKSPOOL resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>SMTDSANAME-1</b>	CHAR	STAT	SMTBODY	SMTDSANAME	8	DIFF	Name of dynamic storage area (DSA)	16
DSAELEMPCT	PERCENT3	CPSM			4	AVG	Percentage of DSA used by elements	72
DSAPAGPPCT	PERCENT3	CPSM			4	AVG	Peak percentage of DSA page use	80
FREEMAINRTE	RATE3	CPSM			8	AVG	FREEMAIN rate since last reset	64
GETMAINRTE	RATE3	CPSM			8	AVG	GETMAIN rate since last reset	56

Table 1036. TSKSPOOL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
PAGEPAGEPCT	PERCENT3	CPSM			4	AVG	Percentage of page pools used	76
SMTACCESS	EYUDA	STAT	SMTBODY	SMTACCESS	4	LIKE	Subpool access type	28
SMTACCESS Output valid values	<ul style="list-style-type: none"> <li>• CICS</li> <li>• USER</li> </ul>							
SMTCES	BINARY	STAT	SMTBODY	SMTCES	4	AVG	Sum of all element lengths	40
SMTCNE	BINARY	STAT	SMTBODY	SMTCNE	4	AVG	Current number of elements	48
SMTCPSP	BINARY	STAT	SMTBODY	SMTCPSP	4	AVG	Current page storage	44
SMTFMREQ	BINARY	STAT	SMTBODY	SMTFMREQ	4	AVG	Number of FREEMAIN requests	36
SMTGMREQ	BINARY	STAT	SMTBODY	SMTGMREQ	4	AVG	Number of GETMAIN requests	32
SMTHWMPS	BINARY	STAT	SMTBODY	SMTHWMPS	4	AVG	Peak page storage	52
SMTLOCN	EYUDA	STAT	SMTBODY	SMTLOCN	4	LIKE	Location of task subpool above/below 16MB	24
SMTLOCN Output valid values	<ul style="list-style-type: none"> <li>• ABOVE</li> <li>• BELOW</li> </ul>							



# Chapter 427. TSMDEF Resource Table

A CICS Definition that describes a temporary storage model.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a Temporary Storage Model Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionTSMModel

**Object type**

CICS Definition

**Length**

280

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3821

**CICS Commands subject to CICS Security**

INQUIRE TSMODEL

Table 1037. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Table 1037. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 1038. TSMDEF FEEDBACK error codes

Value	Code	Description
1	TSMDEF_INV_DATA	Attribute data invalid
2	TSMDEF_REC_NOT_FOUND	Requested resource not found
4	TSMDEF_REC_EXISTS	Resource already exists
5	TSMDEF_REC_CHANGED	Resource definition already changed
6	TSMDEF_INV_RESTYPE	Invalid resource type
7	TSMDEF_INV_VER	Invalid resource version
11	TSMDEF_NON_MP	Maintenance point CMAS not available
12	TSMDEF_INV_CONTEXT	Context not found
13	TSMDEF_INCONSISTENT_SET	Inconsistent set condition
14	TSMDEF_INV_RESGROUP	Resource group not found
21	TSMDEF_INV_ACTION	Invalid action
22	TSMDEF_INV_RECADDR	Invalid record address
23	TSMDEF_INV_RECLEN	Invalid record length
24	TSMDEF_DIFF_VERSION	Different version
25	TSMDEF_EARLY_NAMELIST_END	Early name list end
26	TSMDEF_INV_NAMELIST	Invalid name list
27	TSMDEF_INV_NAME	Invalid name
28	TSMDEF_INV_MINNAME	Invalid minor name
29	TSMDEF_NOTIFY	Notify
30	TSMDEF_PARTIAL_INSTALL	Partial install

Table 1038. TSMDEF FEEDBACK error codes (continued)

Value	Code	Description
31	TSMDEF_NOTHING_INSTALLED	Nothing installed
32	TSMDEF_NO_TARGETS	No targets
33	TSMDEF_NO_RELATED	No related systems
34	TSMDEF_INV_TSCOPE	Invalid target scope
35	TSMDEF_INV_RSCOPE	Invalid related scope
36	TSMDEF_INV_USAGE	Invalid usage
37	TSMDEF_INV_MODE	Invalid mode
38	TSMDEF_INV_STATECHK	Invalid state check
39	TSMDEF_INV_FORCEINS	Invalid force install
40	TSMDEF_INV_NOTIFY	Invalid notify
41	TSMDEF_INV_OVERTYPE	Invalid oertype
42	TSMDEF_INV_OVRBLOCK	Invalid override block
43	TSMDEF_INV_ORSTRING	Invalid override string
44	TSMDEF_INV_STRNGTERM	Invalid string terminator
45	TSMDEF_INV_EMBEDTERM	Invalid embedded terminator
46	TSMDEF_INV_ATTRIBUTE	Invalid attribute
47	TSMDEF_INV_LITERAL	Invalid literal
48	TSMDEF_INV_ORSTGNA	Invalid override string
49	TSMDEF_SCOPE_REQUIRED	Scope required
50	TSMDEF_USAGE_CONFLICT	Usage conflict
51	TSMDEF_NODEFS_SELECTED	No definitions selected
52	TSMDEF_MORE_THAN_1_RELSYS	More than one related system
53	TSMDEF_MISSING_RELSYSID	Missing related system identifier
54	TSMDEF_SCOPE_CONFLICT	Scope conflict
55	TSMDEF_INV_CSDGROUP	Invalid CSD group
56	TSMDEF_REC_NOT_REMOVED	Record not removed
57	TSMDEF_INV_RESOURCE	Invalid resource
58	TSMDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	TSMDEF_PARTIAL_ACTION	Partial action
60	TSMDEF_NOTHING_ACTIONED	Nothing actioned
61	TSMDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	TSMDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	TSMDEF_CSD_ERROR	CSD access error

Table 1039. TSMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	256
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				96
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		252
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				128
EXPIRYINT	CHAR	CPSM	8	Yes	DIFF	TS Queue expiry interval (hours)	0	0-15000	E640 E650 E660	264
EXPIRYINTMIN	CHAR	CPSM	8	Yes	DIFF	TS Queue expiry interval (minutes)		0-900000	E640 E650 E660 E670 E680	272
LOCATION	CVDAS	CPSM	4	Yes	LIKE	Queue location	AUXILIARY			52
LOCATION Input/output valid values	<ul style="list-style-type: none"> <li>• MAIN</li> <li>• AUXILIARY</li> </ul>									
POOLNAME	CHAR	CPSM	8	No	DIFF	Shared TS pool name				64
PREFIX	CHAR	CPSM	16	Yes	DIFF	TS queue prefix				33
RECOVERY	EYUDA	CPSM	4	Yes	LIKE	Recovery option	NO			56
RECOVERY Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
REMOTEPREFIX	CHAR	CPSM	16	No	DIFF	Remote TS queue prefix				76
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	Remote system ID				72
SECURITY	EYUDA	CPSM	4	Yes	LIKE	Security option	NO			60
SECURITY Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				104
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				112
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				120
XPREFIX	CHAR	CPSM	32	No	DIFF	Hexadecimal TS queue prefix				186
XREMOTEPFX	CHAR	CPSM	32	No	DIFF	Hexadecimal remote TS queue prefix				218

# Chapter 428. TSMINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a temporary storage model definition (TSMDEF) in a resource group (RESGROUP). A TSMDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is TSMGROUP.

The **Secondary** key field for this resource class is TSMNAME.

The **Tertiary** key field for this resource class is TSMVER.

There are no object specific actions for this resource class.

**Object type**

CICSplex SM Definition

**Length**

56

**Usage**

API, Batch Utility, WUI

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt6166

**Security Class**

BAS.DEF

Table 1040. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 1041. TSMINGRP FEEDBACK error codes		
Value	Code	Description
1	TSMINGRP_INV_DATA	Attribute data invalid
2	TSMINGRP_REC_NOT_FOUND	Requested resource not found
4	TSMINGRP_REC_EXISTS	Resource already exists
6	TSMINGRP_INV_RESTYPE	Invalid resource type
7	TSMINGRP_INV_VER	Invalid resource version
11	TSMINGRP_NON_MP	Maintenance point CMAS not available

Table 1041. TSMINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	TSMINGRP_INV_CONTEXT	Context not found
21	TSMINGRP_INCONSISTENT_SET	Inconsistent set
22	TSMINGRP_DIFF_VERSION	Different version
23	TSMINGRP_INV_NAME	Invalid name
24	TSMINGRP_INV_MINNAME	Invalid minor name

Table 1042. TSMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
TSMGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
TSMNAME-2	CHAR	CPSM	8	Yes	DIFF	TS model definition name	44
TSMVER-3	BINARY	CPSM	1	Yes	AVG	TS model definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 429. TSMODEL Resource Table

A CICS Resource that describes a temporary storage model in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**DISCARD**

Discard a temporary storage model.

The DISCARD action requires no unique parameter data.

**External resource name(CMCI)**

CICSTSMModel

**Object type**

CICS Resource

**Length**

152

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0092

**CICS Commands subject to CICS Security**

INQUIRE TSMODEL

Table 1043. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 1044. TSMODEL resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Value Range	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF F	CICS System Name				0
EYU_CICSREL	CHAR	CPSM			4	DIF F	CICS Release				8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved				12
NAME-1	CHAR	INQ			8	DIF F	TS model name				16

Table 1044. TSMODEL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Value Range	Get Invalid	Offset
BASDEFINEVER	BINARY	CPSM			1	AVG	BAS resource definition version	0		E640 E650	140
CHANGEAGENT	CVDAS	INQ	TSMODEL	CHANGEAGENT	4	LIKE	Last modification agent			E640 E650	80
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>										
CHANGEAGREL	CHAR	INQ	TSMODEL	CHANGEAGREL	4	DIFF	Last modification agent release			E640 E650	92
CHANGETIME	DATETIME	INQ	TSMODEL	CHANGETIME	8	MAX	Last modification time			E640 E650	96
CHANGEUSRID	CHAR	INQ	TSMODEL	CHANGEUSRID	8	DIFF	Last modification user ID			E640 E650	84
DEFINESOURCE	CHAR	INQ	TSMODEL	DEFINESOURCE	8	DIFF	Source of the resource definition			E640 E650	104
DEFINETIME	DATETIME	INQ	TSMODEL	DEFINETIME	8	MAX	Creation time			E640 E650	112
EXPIRYINT	BINARY	CPSM	TSMODEL	EXPIRYINT	4	AVG	TS Queue expiry interval (hours)	0	0-15000	E640 E650 E660	144
EXPIRYINTMIN	BINARY	CPSM	TSMODEL	EXPIRYINTMIN	4	AVG	TS Queue expiry interval (minutes)	0	0-900000	E640 E650 E660 E670 E680	148
INSTALLAGENT	CVDAS	INQ	TSMODEL	INSTALLAGENT	4	LIKE	Installation agent			E640 E650	136
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• GRPLIST</li> </ul>										



Table 1044. TSMODEL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Value Range	Get Invalid	Offset
INSTALLTIME	DATETIME	INQ	TSMODEL	INSTALLTIME	8	MAX	Installation time			E640 E650	128
INSTALLUSRID	CHAR	INQ	TSMODEL	INSTALLUSRID	8	DIF	Installation user ID			E640 E650	120
LOCATION	CVDAS	INQ	TSMODEL	LOCATION	4	LIKE	Queue location	AUXILIARY			40
LOCATION Output valid values	<ul style="list-style-type: none"> <li>AUXILIARY</li> <li>MAIN</li> </ul>										
POOLNAME	CHAR	INQ	TSMODEL	POOLNAME	8	DIF	Shared TS pool name				52
PREFIX	CHAR	INQ	TSMODEL	PREFIX	16	DIF	TS queue prefix				24
RECOVSTATUS	CVDAS	INQ	TSMODEL	RECOVSTATUS	4	LIKE	Recovery status	NO			44
RECOVSTATUS Output valid values	<ul style="list-style-type: none"> <li>RECOVERABLE</li> <li>NOTRECOVERABLE</li> </ul>										
REMOTEPREFIX	CHAR	INQ	TSMODEL	REMOTEPREFIX	16	DIF	Remote TS queue prefix				64
REMOTESYSTEM	CHAR	INQ	TSMODEL	REMOTESYSTEM	4	DIF	Remote system ID				60
SECURITYST	CVDAS	INQ	TSMODEL	SECURITYST	4	LIKE	Security status	NO			48
SECURITYST Output valid values	<ul style="list-style-type: none"> <li>EXTSECURITY</li> <li>NOSECURITY</li> </ul>										



# Chapter 430. TSPool Resource Table

A CICS Resource that describes a temporary storage pool in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSTSPool

**Object type**

CICS Resource

**Length**

32

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0094

**CICS Commands subject to CICS Security**

INQUIRE TSPool

Table 1045. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 1046. TSPool resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
NAME-1	CHAR	CPSM			8	DIFF	Temporary storage pool name	16
CONNSTATUS	CVDAS	CPSM			4	LIKE	Connection status	24
CONNSTATUS Output valid values	<ul style="list-style-type: none"> <li>CONNECTED</li> <li>UNCONNECTED</li> </ul>							



## Chapter 431. TSQGBL Resource Table

A CICS Resource that describes the general characteristics of temporary storage usage in an active CICS system being managed by CICSplex SM.

The TSQGBL resource class does not provide an explicit key attribute. The set of object instances returned is a function of the current scope in effect when the request is made.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSGlobalTSQueueStatistics

**Object type**

CICS Resource

**Length**

216

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0030

**CICS Commands subject to CICS Security**

COLLECT STATISTICS

Table 1047. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

Table 1048. TSQGBL resource table attributes												
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF	No	CICS System Name				0
EYU_CICSREL	CHAR	CPSM			4	DIF	No	CICS Release				8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved				12
AUXFULL	BINARY	STAT	DFHTSGDS	TSGSTA8F	4	AVG	No	Number of times auxiliary storage exhausted				80
BUFFERS	BINARY	STAT	DFHTSGDS	TSGNBCA	2	AVG	No	Number of temporary storage buffers				84

Table 1048. TSQGBL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Offset
BUFFWAITS	BINARY	STAT	DFHTSGDS	TSGBWTN	4	AVG	No	Total number of buffer waits				88
BUFREADS	BINARY	STAT	DFHTSGDS	TSGTRDN	4	AVG	No	Number of buffer reads				104
BUFWITES	BINARY	STAT	DFHTSGDS	TSGTWTN	4	AVG	No	Number of buffer writes				96
BYTESPERCI	BINARY	STAT	DFHTSGDS	TSGNAVB	4	AVG	No	Number of bytes available in control interval				152
BYTESPERSEG	BINARY	STAT	DFHTSGDS	TSGBPSEG	4	AVG	No	Number of bytes per segment				160
CINUM	BINARY	STAT	DFHTSGDS	TSGNCI	4	AVG	No	Number of control intervals available				72
CISINUSE	BINARY	STAT	DFHTSGDS	TSGNCIA	4	AVG	No	Number of control intervals in use				140
CISIZE	BINARY	STAT	DFHTSGDS	TSGCSZ	4	AVG	No	Control interval size				64
COMPRESSIONS	BINARY	STAT	DFHTSGDS	TSGSTA9F	4	AVG	No	Number of temporary storage compressions				136
CURRSTG	BINARY	STAT	DFHTSGDS	TSGTSMUS	8	AVG	No	Current storage in use (bytes)				32
CURRUWBFR	BINARY	STAT	DFHTSGDS	TSGBUWT	4	AVG	No	Number of current users waiting on buffers				124
CURRUWSTR	BINARY	STAT	DFHTSGDS	TSGVUWT	4	AVG	No	Number of current users waiting on strings				120
ENTLGQUE	BINARY	STAT	DFHTSGDS	TSGQINH	4	AVG	No	Number of entries in longest queue				52
EXTTHRESHOLD	BINARY	STAT			2	AVG	No	Queue extension threshold		E510+		164
FMTWRT	BINARY	STAT	DFHTSGDS	TSGTWTNF	4	AVG	No	Number of format writes				108
GETQAUX	BINARY	STAT	DFHTSGDS	TSGNAG	4	AVG	No	Number of records obtained from auxiliary TS				44
GETQMAIN	BINARY	STAT	DFHTSGDS	TSGNMG	4	AVG	No	Number of records obtained from main TS				20
IOERRS	BINARY	STAT	DFHTSGDS	TSGSTAAF	4	AVG	No	Number of I/O errors on data set				128
LONGAUXREC	BINARY	STAT	DFHTSGDS	TSGLAR	4	AVG	No	Longest auxiliary record length				148
NAMESINUSE	BINARY	STAT	DFHTSGDS	TSGQNUM	4	AVG	No	Number of temporary storage names in use				144
PEAKCIUSE	BINARY	STAT	DFHTSGDS	TSGNCIAH	4	AVG	No	Peak number of control intervals used				76
PEAKQUES	BINARY	STAT	DFHTSGDS	TSGQNUMH	4	AVG	No	Peak number of queue names in use				48
PEAKSTG	BINARY	STAT	DFHTSGDS	TSGTSMAX	8	AVG	No	Peak storage in use (bytes)				24
PEAKUSDSTR	BINARY	STAT	DFHTSGDS	TSGNVCAH	4	AVG	No	Peak number of strings in use				112
PEAKUWBUF	BINARY	STAT	DFHTSGDS	TSGBUWTH	4	AVG	No	Peak number of users waiting on buffers				92

Table 1048. TSQGBL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Offset
PEAKUWSTR	BINARY	STAT	DFHTSGDS	TSGVUWTH	4	AVG	No	Peak number of users waiting on strings				116
PUTQAUX	BINARY	STAT	DFHTSGDS	TSGSTA7F	4	AVG	No	Number of records written to auxiliary TS				40
PUTQMAIN	BINARY	STAT	DFHTSGDS	TSGSTA5F	4	AVG	No	Number of records written to main TS				16
QUECRECNT	BINARY	STAT	DFHTSGDS	TSGSTA3F	4	AVG	No	Number of times queues created				56
QUEXTENDS	BINARY	STAT			4	AVG	No	Number of times queue extensions created		E510+		60
SEGSPERCI	BINARY	STAT	DFHTSGDS	TSGSPCI	4	AVG	No	Number of segments available in control interval				156
SHRDPOLCONN	BINARY	STAT	DFHTSGDS	TSGSHPCN	4	AVG	No	Number of shared pools connected to				172
SHRDPOLDEF	BINARY	STAT	DFHTSGDS	TSGSHPDF	4	AVG	No	Number of shared pools defined				168
SHRDREADREQ	BINARY	STAT	DFHTSGDS	TSGSHRDS	4	AVG	No	Number of shared read requests				176
SHRDWRITEREQ	BINARY	STAT	DFHTSGDS	TSGSHWTS	4	AVG	No	Number of shared write requests				180
STRINGS	BINARY	STAT	DFHTSGDS	TSGNVCA	2	AVG	No	Number of temporary storage strings				86
STRINGWAIT	BINARY	STAT	DFHTSGDS	TSGVWTN	4	AVG	No	Number of times string wait occurred				132
TSMMAINHIT	BINARY	STAT	DFHTSGDS	TSGTSLHT	4	AVG	No	Count of times TSMMAINLIMIT reached		E640 E650 E660		204
TSMMAININUSE	BINARY	STAT	TEMPSTORAGE	TSMMAININUSE	8	AVG	No	Current used above the bar storage for TSMMAIN		E640 E650 E660	E640 E650 E660	192
TSMMAINLIMIT	BINARY	INQ	TEMPSTORAGE	TSMMAINLIMIT	8	AVG	Yes	Maximum above the bar storage for TSMMAIN	1048576-34359738368	E640 E650 E660	E640 E650 E660	184
TSMMAINMAX	BINARY	STAT	DFHTSGDS	TSGTSMAX	8	AVG	No	Maximum TS MAIN storage used		E640 E650 E660		208
TSMMAINPCT	PERCENT3	CPSM			4	AVG	No	Percentage utilization of TSMMAIN above the bar		E640 E650 E660		200
WRTFRECVR	BINARY	STAT	DFHTSGDS	TSGTWTNR	4	AVG	No	Number of buffer writes forced by recovery				100

Table 1048. TSQGBL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Su m	Set	Description	Value Range	Get Inva lid	Set Inva lid	Off set
WRTGTCISZ	BINARY	STAT	DFHTSGDS	TSGSTABF	4	AV G	No	Number of records with length greater than CISIZE				68



# Chapter 432. TSQNAME Resource Table

A CICS Resource that describes a temporary storage queue in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following action is supported:

**DELETE**

Delete a temporary storage queue

The parameter data for the DELETE action is:

```
PARM(' LASTUSEDINT(interval).')  
  
where:  
  
interval = (Optional) Last used interval.
```

**External resource name(CMCI)**

CICSTSQueue

**Object type**

CICS Resource

**Length**

96

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0107

**CICS Commands subject to CICS Security**

INQUIRE TSQUEUE

Table 1049. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DELETE	LASTUSEDINT(value)	No

Table 1050. TSQNAME resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Description	Default	Value Range	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF	CICS System Name				0
EYU_CICSREL	CHAR	CPSM			4	DIF	CICS Release				8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved				12
NAME-1	CHAR	INQ	TSQNAME	TSQNAME	16	DIF	Queue name				16
EXPIRYINT	BINARY	CPSM	TSQNAME	EXPIRYINT	4	DIF	TS Queue expiry interval (hours)	0	0-15000	E640 E650 E660	60
EXPIRYINTMIN	BINARY	INQ	TSQNAME	EXPIRYINTMIN	4	MAX	TS Queue expiry interval (minutes)	0	0-900000	E640 E650 E660 E670 E680	80
HEXNAME	HEX	INQ			16	MIN	Queue name in hexadecimal				64
LASTUSEDINT	BINARY	INQ	TSQNAME	LASTUSEDINT	4	AVG	Interval since queue last used (seconds)		0-99999999		48
LOCATION	CVDAS	INQ	TSQNAME	LOCATION	4	LIKE	Queue location				32
LOCATION Output valid values	<ul style="list-style-type: none"> <li>AUXILIARY</li> <li>MAIN</li> </ul>										
MAXITEMLEN	CNUMERIC	INQ	TSQNAME	MAXITEMLEN	2	AVG	Largest item length (bytes)				40
MINITEMLEN	CNUMERIC	INQ	TSQNAME	MINITEMLEN	2	AVG	Smallest item length (bytes)				42
NUMITEMS	BINARY	INQ	TSQNAME	NUMITEMS	2	AVG	Number of items in queue				44
QUELENGTH	CNUMERIC	INQ	TSQNAME	FLENGTH	4	AVG	Total queue length (bytes)				36
RECOVSTATUS	CVDAS	INQ	TSQNAME	RECOVSTATUS	4	LIKE	Recovery status				56
RECOVSTATUS Output valid values	<ul style="list-style-type: none"> <li>RECOVERABLE</li> <li>NOTRECOVERABLE</li> </ul>										
TRANSID	CHAR	INQ	TSQNAME	TRANSID	4	DIF	Transaction that created TS queue				52

Table 1050. TSQNAME resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Value Range	Get Invalid	Offset
TSMODEL	CHAR	INQ	TSQNAME	TSMODEL	8	DIFF	TS Model			E640 E650 E660 E670 E680 E690 E700 E710 E720	84



# Chapter 433. TSQSHR Resource Table

A CICS Resource that describes a temporary storage queue in a pool in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is POOLNAME.

The following actions are supported:

**DELETE**

Delete a temporary storage queue in pool.

The parameter data for the DELETE action is:

```
PARM(' LASTUSEDINT(interval).')  
  
where:  
  
interval = (Optional) Last used interval.
```

**External resource name(CMCI)**

CICSSharedTSQueue

**Object type**

CICS Resource

**Length**

104

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0100

**CICS Commands subject to CICS Security**

INQUIRE TSQUEUE

Table 1051. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DELETE	LASTUSEDINT(value)	No

Table 1052. TSQSHR resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Value Range	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF	CICS System Name				0
EYU_CICSREL	CHAR	CPSM			4	DIF	CICS Release				8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved				12
<b>NAME-1</b>	CHAR	INQ	TSQNAME	TSQNAME	16	DIF	Queue name				16
<b>POOLNAME-2</b>	CHAR	INQ	TSQNAME	POOLNAME	8	DIF	Temporary storage pool name				32
EXPIRYINT	BINARY	INQ	TSQNAME	EXPIRYINT	4	AVG	TS Queue expiry interval (hours)		0-15000	E640 E650 E660	68
EXPIRYINTMIN	BINARY	INQ	TSQNAME	EXPIRYINTMIN	4	MAX	TS Queue expiry interval (minutes)	0	0-900000	E640 E650 E660 E670 E680	72
HEXNAME	HEX	INQ			16	MIN	Queue name in hexadecimal				84
LASTUSEDINT	BINARY	INQ	TSQNAME	LASTUSEDINT	4	AVG	Interval since queue last used (seconds)		0-99999999		56
LOCATION	CVDAS	INQ	TSQNAME	LOCATION	4	LIKE	Queue location				40
LOCATION Output valid values	<ul style="list-style-type: none"> <li>AUXILIARY</li> <li>MAIN</li> </ul>										
MAXITEMLEN	BINARY	INQ	TSQNAME	MAXITEMLEN	2	AVG	Largest item length (bytes)				48
MINITEMLEN	BINARY	INQ	TSQNAME	MINITEMLEN	2	AVG	Smallest item length (bytes)				50
NUMITEMS	BINARY	INQ	TSQNAME	NUMITEMS	2	AVG	Number of items in queue				52
QUELENGTH	BINARY	INQ	TSQNAME	FLENGTH	4	AVG	Total queue length (bytes)				44
RECOVSTATUS	CVDAS	INQ	TSQNAME	RECOVSTATUS	4	LIKE	Recovery status				64
RECOVSTATUS Output valid values	<ul style="list-style-type: none"> <li>RECOVERABLE</li> <li>NOTRECOVERABLE</li> </ul>										
TRANSID	CHAR	INQ	TSQNAME	TRANSID	4	DIF	Transaction that created TS queue				60

Table 1052. TSQSHR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Value Range	Get Invalid	Offset
TSMODEL	CHAR	INQ	TSQNAME	TSMODEL	8	DIFF	TS Model			E640 E650 E660 E670 E680 E690 E700 E710 E720	76





# Chapter 434. TSQUEUE Resource Table

A CICS Resource that describes a temporary storage queue in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The TSQUEUE resource class only returns objects instances if the target CICS system is running at CICS/ESA 3.3 or later.

The following actions are supported:

## DELETE

Delete a temporary storage queue in pool.

The parameter data for the DELETE action is:

```
PARM('LASTUSEDINT(interval).')
```

where:

```
interval = (Optional) Last used interval.
```

## Object type

CICS Resource

## Length

72

## Usage

API, WUI, EVALDEF

## API view

Yes

## CMAS context

No

## SCOPE applies

Yes

## Only query CMASs in workload

No

## Copybook identifier

EYUt0040

## Security Class

OPERATE.TSQUEUE

## CICS Commands subject to CICS Security

INQUIRE TSQUEUE

Table 1053. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DELETE	LASTUSEDINT(value)	No

Table 1054. TSQUEUE resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Value Range	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF	CICS System Name				0
EYU_CICSREL	CHAR	CPSM			4	DIF	CICS Release				8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved				12
<b>NAME-1</b>	CHAR	INQ	TSQUEUE	TSQUEUE	8	DIF	Queue name				16
EXPIRYINT	BINARY	CPSM	TSQUEUE	EXPIRYINT	4	DIF	TS Queue expiry interval (hours)	0	0-15000	E640 E650 E660	52
EXPIRYINTMIN	BINARY	INQ	TSQUEUE	EXPIRYINTMIN	4	MAX	TS Queue expiry interval (minutes)	0	0-900000	E640 E650 E660 E670 E680	56
LASTUSEDINT	BINARY	INQ	TSQUEUE	LASTUSEDINT	4	AVG	Interval since queue last used (seconds)		0-99999999		40
LOCATION	CVDAS	INQ	TSQUEUE	LOCATION	4	LIKE	Queue location				24
LOCATION Output valid values	<ul style="list-style-type: none"> <li>AUXILIARY</li> <li>MAIN</li> </ul>										
MAXITEMLEN	CNUMERIC	INQ	TSQUEUE	MAXITEMLEN	2	AVG	Largest queue item length (bytes)				32
MINITEMLEN	CNUMERIC	INQ	TSQUEUE	MINITEMLEN	2	AVG	Smallest queue item length (bytes)				34
NUMITEMS	BINARY	INQ	TSQUEUE	NUMITEMS	2	AVG	Number of items in queue				36
QUELENGTH	CNUMERIC	INQ	TSQUEUE	FLENGTH	4	AVG	Queue length (bytes)				28
RECOVSTATUS	CVDAS	INQ	TSQUEUE	RECOVSTATUS	4	LIKE	Recovery status				48
RECOVSTATUS Output valid values	<ul style="list-style-type: none"> <li>RECOVERABLE</li> <li>NOTRECOVERABLE</li> </ul>										
TRANSID	CHAR	INQ	TSQUEUE	TRANSID	4	DIF	Transaction that created TS queue				44
TSMODEL	CHAR	INQ	TSQUEUE	TSMODEL	8	DIF	TS Model			E640 E650 E660 E670 E680 E690 E700 E710 E720	60

## Chapter 435. TYPINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a typeterm definition (TYPTMDEF) in a resource group (RESGROUP). A TYPTMDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is TYPTMGROUP.

The **Secondary** key field for this resource class is TYPTMNAME.

The **Tertiary** key field for this resource class is TYPTMVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6161

### Security Class

BAS.DEF

Table 1055. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 1056. TYPINGRP FEEDBACK error codes		
Value	Code	Description
1	TYPINGRP_INV_DATA	Attribute data invalid
2	TYPINGRP_REC_NOT_FOUND	Requested resource not found
4	TYPINGRP_REC_EXISTS	Resource already exists
6	TYPINGRP_INV_RESTYPE	Invalid resource type
7	TYPINGRP_INV_VER	Invalid resource version
11	TYPINGRP_NON_MP	Maintenance point CMAS not available

Table 1056. TYPINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	TYPINGRP_INV_CONTEXT	Context not found
21	TYPINGRP_INCONSISTENT_SET	Inconsistent set
22	TYPINGRP_DIFF_VERSION	Different version
23	TYPINGRP_INV_NAME	Invalid name
24	TYPINGRP_INV_MINNAME	Invalid minor name

Table 1057. TYPINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
<b>TYPTMGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
<b>TYPTMNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Typeterm definition name	44
<b>TYPTMVER-3</b>	BINARY	CPSM	1	Yes	AVG	Typeterm definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 436. TYPTMDEF Resource Table

A CICS Definition that describes a typeterm, which encompasses attributes that are common to a group of terminals.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**INSTALL**

Install a Typeterm Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

**External resource name(CMCI)**

CICSDefinitionTypeterm

**Object type**

CICS Definition

**Length**

504

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3816

**Security Class**

BAS.TERMINAL

Table 1058. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No

Table 1058. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 1059. TYPTMDEF FEEDBACK error codes

Value	Code	Description
1	TYPTMDEF_INV_DATA	Attribute data invalid
2	TYPTMDEF_REC_NOT_FOUND	Requested resource not found
4	TYPTMDEF_REC_EXISTS	Resource already exists
5	TYPTMDEF_REC_CHANGED	Resource definition already changed
6	TYPTMDEF_INV_RESTYPE	Invalid resource type
7	TYPTMDEF_INV_VER	Invalid resource version
11	TYPTMDEF_NON_MP	Maintenance point CMAS not available
12	TYPTMDEF_INV_CONTEXT	Context not found
13	TYPTMDEF_INCONSISTENT_SET	Inconsistent set condition
14	TYPTMDEF_INV_RESGROUP	Resource group not found
21	TYPTMDEF_INV_ACTION	Invalid action
22	TYPTMDEF_INV_RECADDR	Invalid record address
23	TYPTMDEF_INV_RECLEN	Invalid record length
24	TYPTMDEF_DIFF_VERSION	Different version
25	TYPTMDEF_EARLY_NAMELIST_END	Early name list end
26	TYPTMDEF_INV_NAMELIST	Invalid name list
27	TYPTMDEF_INV_NAME	Invalid name
28	TYPTMDEF_INV_MINNAME	Invalid minor name
29	TYPTMDEF_NOTIFY	Notify

Table 1059. TYPTMDEF FEEDBACK error codes (continued)

Value	Code	Description
30	TYPTMDEF_PARTIAL_INSTALL	Partial install
31	TYPTMDEF_NOTHING_INSTALLED	Nothing installed
32	TYPTMDEF_NO_TARGETS	No targets
33	TYPTMDEF_NO_RELATED	No related systems
34	TYPTMDEF_INV_TSCOPE	Invalid target scope
35	TYPTMDEF_INV_RSCOPE	Invalid related scope
36	TYPTMDEF_INV_USAGE	Invalid usage
37	TYPTMDEF_INV_MODE	Invalid mode
38	TYPTMDEF_INV_STATECHK	Invalid state check
39	TYPTMDEF_INV_FORCEINS	Invalid force install
40	TYPTMDEF_INV_NOTIFY	Invalid notify
41	TYPTMDEF_INV_OVERTYPE	Invalid overtype
42	TYPTMDEF_INV_OVRBLOCK	Invalid override block
43	TYPTMDEF_INV_ORSTRING	Invalid override string
44	TYPTMDEF_INV_STRNGTERM	Invalid string term
45	TYPTMDEF_INV_EMBEDTERM	Invalid embedded terminator
46	TYPTMDEF_INV_ATTRIBUTE	Invalid attribute
47	TYPTMDEF_INV_LITERAL	Invalid literal
48	TYPTMDEF_INV_ORSTGNA	Invalid override string
49	TYPTMDEF_SCOPE_REQUIRED	Scope required
50	TYPTMDEF_USAGE_CONFLICT	Usage conflict
51	TYPTMDEF_NODEFS_SELECTED	No definitions selected
52	TYPTMDEF_MORE_THAN_1_RELSYS	More than one related system
53	TYPTMDEF_MISSING_RELSYSID	Missing related system identifier
54	TYPTMDEF_SCOPE_CONFLICT	Scope conflict
55	TYPTMDEF_INV_CSDGROUP	Invalid CSD group
56	TYPTMDEF_REC_NOT_REMOVED	Record not removed
57	TYPTMDEF_INV_RESOURCE	Invalid resource
58	TYPTMDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	TYPTMDEF_PARTIAL_ACTION	Partial action
60	TYPTMDEF_NOTHING_ACTIONED	Nothing actioned
61	TYPTMDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	TYPTMDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	TYPTMDEF_CSD_ERROR	CSD access error

Table 1060. TYPTMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	492
ALTPAGECOL	CHAR	CPSM	4	No	DIFF	Alternate BMS page size (number of columns)	0	0-255		33
ALTPAGEROW	CHAR	CPSM	4	No	DIFF	Alternate BMS page size (number of rows)	0	0-255		37
ALTSCREENCOL	CHAR	CPSM	4	No	DIFF	Alternate screen size (number of columns)	0	0-255		41
ALTSCREENROW	CHAR	CPSM	4	No	DIFF	Alternate screen size (number of rows)	0	0-255		45
ALTSUFFIX	CHAR	CPSM	1	No	DIFF	Map set name suffix				384
APLKYBD	EYUDA	CPSM	4	Yes	LIKE	APL keyboard feature	NO			52
APLKYBD Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
APLTEXT	EYUDA	CPSM	4	Yes	LIKE	APL text feature	NO			56
APLTEXT Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
ASCII	CHAR	CPSM	4	No	DIFF	ASCII feature	NO	7-8		60
ASCII Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> </ul>									
ASYNCBPS	CHAR	CPSM	8	No	DIFF	Asynchronous line speed (OS/2)			EALL	368
ASYNCBPS Input/output valid values	<ul style="list-style-type: none"> <li>• 0</li> <li>• 110</li> <li>• 150</li> <li>• 300</li> <li>• 600</li> <li>• 1200</li> <li>• 1800</li> <li>• 2400</li> <li>• 3600</li> <li>• 4800</li> <li>• 9600</li> <li>• 19200</li> </ul>									
ASYNCPRT3151	CHAR	CPSM	4	No	DIFF	3151 asynchronous port name (OS/2)			EALL	364
ATI	EYUDA	CPSM	4	Yes	LIKE	Automatic transaction initiation option	NO			64
ATI Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
AUDIBLEALARM	EYUDA	CPSM	4	Yes	LIKE	Audible alarm feature	NO			68
AUDIBLEALARM Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
AUTOCONNECT	EYUDA	CPSM	4	Yes	LIKE	Autoconnect for terminal option	NO			72



Table 1060. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
AUTOCONNECT Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• ALL</li> </ul>									
AUTOPAGE	EYUDA	CPSM	4	Yes	LIKE	BMS autopaging option	NO			76
AUTOPAGE Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
BACKTRANS	EYUDA	CPSM	4	Yes	LIKE	Background transparency option	NO			80
BACKTRANS Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
BRACKET	EYUDA	CPSM	4	Yes	LIKE	Bracket protocol enforced	YES			84
BRACKET Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
BUILDCHAIN	EYUDA	CPSM	4	Yes	LIKE	CICS chain assembly performed	NO			88
BUILDCHAIN Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
CGCSGIDCODE	CHAR	CPSM	8	No	DIFF	Graphic character set global code	0	0-65535		92
CGCSGIDBLID	CHAR	CPSM	8	No	DIFF	Graphic character set global ID	0	0-65535		100
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CODEPAGE	CHAR	CPSM	8	No	DIFF	Code page value		0-65534	EALL	356
COLOR	EYUDA	CPSM	4	Yes	LIKE	Extended color feature	NO			108
COLOR Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
COPY	EYUDA	CPSM	4	Yes	LIKE	Copy feature	NO			112
COPY Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
CREATESESS	EYUDA	CPSM	4	Yes	LIKE	Sessions to be created	NO			116
CREATESESS Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				392
DEFSCREENCOL	CHAR	CPSM	4	No	DIFF	Default screen size (number of columns)	0	0-255		120
DEFSCREENROW	CHAR	CPSM	4	No	DIFF	Default screen size (number of rows)	0	0-255		124

Table 1060. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		488
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				424
DEVICE	CHAR	CPSM	8	Yes	DIFF	Device type				128
DISCREQ	EYUDA	CPSM	4	Yes	LIKE	Disconnect requests honored	YES			136
DISCREQ Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
DUALCASEKYBD	EYUDA	CPSM	4	Yes	LIKE	Dual case keyboard supported	NO			140
DUALCASEKYBD Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
ERRCOLOR	EYUDA	CPSM	4	Yes	LIKE	Color of error messages	NO			144
ERRCOLOR Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• BLUE</li> <li>• RED</li> <li>• PINK</li> <li>• GREEN</li> <li>• TURQUOISE</li> <li>• YELLOW</li> <li>• NEUTRAL</li> </ul>									
ERRHIGHLIGHT	EYUDA	CPSM	4	Yes	LIKE	Error messages highlighted	NO			148
ERRHIGHLIGHT Input/output valid values	<ul style="list-style-type: none"> <li>• BLINK</li> <li>• REVERSE</li> <li>• UNDERLINE</li> <li>• NO</li> </ul>									
ERRINTENSIFY	EYUDA	CPSM	4	Yes	LIKE	Error message display intensified	NO			152
ERRINTENSIFY Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
ERRLASTLINE	EYUDA	CPSM	4	Yes	LIKE	Display error messages on last line	NO			156
ERRLASTLINE Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
EXTENDEDDES	EYUDA	CPSM	4	Yes	LIKE	Extended 3270 data stream	NO			160
EXTENDEDDES Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
FMHPARM	EYUDA	CPSM	4	Yes	LIKE	Accept user-supplied data in function management header (FMH)	NO			164
FMHPARM Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
FORMFEED	EYUDA	CPSM	4	Yes	LIKE	Formfeed feature	NO			168
FORMFEED Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
FULLSCREEN	EYUDA	CPSM	4	Yes	LIKE	Full screen option (OS/2)	YES		EALL	352

Table 1060. TYPTMDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
FULLSCREEN Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
HILIGHT	EYUDA	CPSM	4	Yes	LIKE	Extended highlight supported	NO			172
HILIGHT Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
HORIZFORM	EYUDA	CPSM	4	Yes	LIKE	BMS is to use horizontal tabbing	NO			176
HORIZFORM Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
IOAREALEN	CHAR	CPSM	8	No	DIFF	I/O buffer length	0	0-32767		180
IOAREALENALT	CHAR	CPSM	8	No	DIFF	Alternate I/O buffer length	0	0-32767		188
KATAKANA	EYUDA	CPSM	4	Yes	LIKE	Katakana feature	NO			196
KATAKANA Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
LDCLIST	CHAR	CPSM	8	No	DIFF	Name of logical device code list				200
LIGHTPEN	EYUDA	CPSM	4	Yes	LIKE	Selector pen feature	NO			208
LIGHTPEN Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
LOGMODE	CHAR	CPSM	8	No	DIFF	Logmode name				212
LOGONMSG	EYUDA	CPSM	4	Yes	LIKE	Good Morning transaction autoinitiation	NO			220
LOGONMSG Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
MSRCONTROL	EYUDA	CPSM	4	Yes	LIKE	Magnetic slot reader supported	NO			224
MSRCONTROL Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
NEPCLASS	CHAR	CPSM	4	No	DIFF	Node error program transaction class	0	0-255		228
OBFORMAT	EYUDA	CPSM	4	Yes	LIKE	Outboard formatting to be used	NO			232
OBFORMAT Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
OBOPERID	EYUDA	CPSM	4	Yes	LIKE	Outboard operator ID BMS routing	NO			236
OBOPERID Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
OUTLINE	EYUDA	CPSM	4	Yes	LIKE	Device supports field outline	NO			240
OUTLINE Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
PAGESIZECOL	CHAR	CPSM	4	No	DIFF	Page size (number of columns)	0	0-255		244
PAGESIZEROW	CHAR	CPSM	4	No	DIFF	Page size (number of rows)	0	0-255		248

Table 1060. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
PARTITIONS	EYUDA	CPSM	4	Yes	LIKE	Device uses partitions	YES			252
PARTITIONS Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
PRINTADAPTER	EYUDA	CPSM	4	Yes	LIKE	Printer adapter feature	NO			256
PRINTADAPTER Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
PROGSYMBOLS	EYUDA	CPSM	4	Yes	LIKE	Programmed symbols can be used	NO			260
PROGSYMBOLS Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
QUERY	EYUDA	CPSM	4	Yes	LIKE	Query structured field to be used	NO			264
QUERY Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• COLD</li> <li>• ALL</li> </ul>									
RECEIVESIZE	CHAR	CPSM	8	No	DIFF	Maximum size of request unit	256	0-30720		268
RECOVNOTIFY	EYUDA	CPSM	4	Yes	LIKE	XRF recovery notification option	NONE			276
RECOVNOTIFY Input/output valid values	<ul style="list-style-type: none"> <li>• NONE</li> <li>• MESSAGE</li> <li>• TRANSACTION</li> </ul>									
RECOVOPTION	EYUDA	CPSM	4	Yes	LIKE	Session recovery option	SYSDEFAULT			280
RECOVOPTION Input/output valid values	<ul style="list-style-type: none"> <li>• SYSDEFAULT</li> <li>• CLEARCONV</li> <li>• RELEASESESS</li> <li>• UNCONDREL</li> <li>• NONE</li> </ul>									
RELREQ	EYUDA	CPSM	4	Yes	LIKE	Honor release requests	NO			284
RELREQ Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
ROUTEDMSGGS	EYUDA	CPSM	4	Yes	LIKE	Messages routed to terminal support				288
ROUTEDMSGGS Input/output valid values	<ul style="list-style-type: none"> <li>• ALL</li> <li>• NONE</li> <li>• SPECIFIC</li> </ul>									
RSTSIGNOFF	EYUDA	CPSM	4	Yes	LIKE	Sign-on characteristics	NOFORCE			484
RSTSIGNOFF Input/output valid values	<ul style="list-style-type: none"> <li>• NOFORCE</li> <li>• FORCE</li> </ul>									
SENDSIZE	CHAR	CPSM	8	No	DIFF	Maximum send size	0	0-30720		292
SESSIONTYPE	CHAR	CPSM	8	No	DIFF	Type of session				300
SHIPPABLE	EYUDA	CPSM	4	Yes	LIKE	Definition shipped to a remote system	NO			308
SHIPPABLE Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• YES</li> </ul>									

Table 1060. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
SIGNOFF	EYUDA	CPSM	4	Yes	LIKE	Automatic timeout	YES			312
SIGNOFF Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• LOGOFF</li> </ul>									
SOSI	EYUDA	CPSM	4	Yes	LIKE	Mixed EBCDIC/DBCS supported	NO			316
SOSI Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
TERMMODEL	CHAR	CPSM	4	No	DIFF	Terminal model number	1	1-2		385
TEXTKYBD	EYUDA	CPSM	4	Yes	LIKE	Text-keyboard feature	NO			320
TEXTKYBD Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
TEXTPRINT	EYUDA	CPSM	4	Yes	LIKE	Text-print feature	NO			324
TEXTPRINT Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
TTI	EYUDA	CPSM	4	Yes	LIKE	Transactions started via user	YES			328
TTI Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
UCTRAN	EYUDA	CPSM	4	Yes	LIKE	Input translated to uppercase	NO			332
UCTRAN Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• TRANID</li> </ul>									
USERAREALEN	CHAR	CPSM	4	No	DIFF	User area length	0	0-255		348
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				400
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				408
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				416
VALIDATION	EYUDA	CPSM	4	Yes	LIKE	Device supports extended validation	NO			336
VALIDATION Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
VERTICALFORM	EYUDA	CPSM	4	Yes	LIKE	BMS to use vertical tabbing	NO			340
VERTICALFORM Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>									
WRKSTATIONSU	CHAR	CPSM	8	No	DIFF	Workstation setup (OS/2)			EALL	376
XRFSIGNOFF	EYUDA	CPSM	4	No	LIKE	Replaced by RSTSIGNOFF. XRFSIGNOFF can be used in compatibility mode	NOFORCE		E620 +	344
XRFSIGNOFF Input/output valid values	<ul style="list-style-type: none"> <li>• NOFORCE</li> <li>• FORCE</li> </ul>									



## Chapter 437. UOWDSNF Resource Table

A CICS Resource that describes a shunted unit of work due to a failed data set in an active system running the CICS TS for z/OS and being managed by CICSplex SM.

The **Primary** key field for this resource class is UOWID.

The **Secondary** key field for this resource class is DSNAME.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSUOWShuntedAndHoldingLocks

### Object type

CICS Resource

### Length

104

### Usage

API, WUI, CICS Management Client Interface(CMCI)

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0084

### Security Class

OPERATE.UOW

Table 1061. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 1062. UOWDSNF resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>UOWID-1</b>	HEX	INQ			16	MIN	Unit of work (UOW) ID	16
<b>DSNAME-2</b>	CHAR	INQ			44	DIFF	Data set name with retained locks	32
CAUSE	CVDAS	INQ			4	LIKE	Failed component which caused this failure	76

Table 1062. UOWDSNF resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
CAUSE Output valid values	<ul style="list-style-type: none"> <li>• CACHE</li> <li>• RLSSERVER</li> <li>• CONNECTION</li> <li>• DATASET</li> <li>• UNDEFINED</li> </ul>							
NETNAME	CHAR	INQ			8	DIFF	Netname of remote system where connection lost	92
REASON	CVDAS	INQ			4	LIKE	Specific reason for error	88
REASON Output valid values	<ul style="list-style-type: none"> <li>• RLSGONE</li> <li>• COMMITFAIL</li> <li>• IOERROR</li> <li>• FAILEDBKOUT</li> <li>• DATASETFULL</li> <li>• DEADLOCK</li> <li>• INDEXRECFULL</li> <li>• OPENERORR</li> <li>• DELEXITERROR</li> <li>• BACKUPNONBWO</li> <li>• NOTAPPLIC</li> <li>• LCKSTRUCFULL</li> <li>• INDOUBT</li> <li>• RRINDOUBT</li> <li>• RRCOMMITFAIL</li> </ul>							
RLSACCESS	CVDAS	INQ			4	LIKE	Mode in which data set last opened	80
RLSACCESS Output valid values	<ul style="list-style-type: none"> <li>• RLS</li> <li>• NOTRLS</li> </ul>							
SYSID	CHAR	INQ			4	DIFF	Name of remote system where connection lost	84



## Chapter 438. UOWENQ Resource Table

A CICS Resource that describes an enqueue held by a unit of work in an active system running the CICS TS for z/OS and being managed by CICSplex SM.

The **Primary** key field for this resource class is UOWID.

The **Secondary** key field for this resource class is RESOURCE.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSUOWEnqueue

### Object type

CICS Resource

### Length

608

### Usage

API, WUI, CICS Management Client Interface(CMCI)

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0080

### Security Class

OPERATE.UOW

Table 1063. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 1064. UOWENQ resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>UOWID-1</b>	HEX	INQ			16	MIN	Unit of work (UOW) ID	16
<b>RESOURCE-2</b>	CHAR	INQ			255	DIFF	Resource name	60
ENQADDRESS	HEX	INQ			4	MIN	Address of EXEC enqueue argument	601
ENQFAILS	BINARY	INQ			4	AVG	Number of enqueue failures since last acquire	52
ENQSCOPE	CHAR	INQ			4	DIFF	ENQ scope name	597

Table 1064. UOWENQ resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
NETUOWID	HEX	INQ			27	MIN	Network-wide LU6.2 unit of work (UOW) id	570
QUALIFIER	CHAR	INQ			255	DIFF	Resource name qualifier	315
QUALLEN	BINARY	INQ			2	AVG	Length of resource qualifier (bytes)	56
RELATION	CVDAS	INQ			4	LIKE	Owner or task waiting	48
RELATION Output valid values	<ul style="list-style-type: none"> <li>OWNER</li> <li>WAITER</li> </ul>							
RESLEN	BINARY	INQ			2	AVG	Length of resource name (bytes)	58
STATE	CVDAS	INQ			4	LIKE	Enqueue type	40
STATE Output valid values	<ul style="list-style-type: none"> <li>ACTIVE</li> <li>RETAINED</li> </ul>							
TASKID	DECIMAL	INQ			4	AVG	Task number associated with UOW	36
TRANSID	CHAR	INQ			4	DIFF	Transaction ID associated with UOW	32
TYPE	CVDAS	INQ			4	LIKE	Resource type	44
TYPE Output valid values	<ul style="list-style-type: none"> <li>DATASET</li> <li>EXECENQ</li> <li>EXECENQADDR</li> <li>FILE</li> <li>TDQUEUE</li> <li>TSQUEUE</li> </ul>							

# Chapter 439. UOWLINK Resource Table

A CICS Resource that describes a connection used by a unit of work in an active system running the CICS TS for z/OS and being managed by CICSplex SM.

The **Primary** key field for this resource class is LINK.

The following actions are supported:

**DELETE**

Delete the UOW link.

The DELETE action requires no unique parameter data.

**External resource name(CMCI)**

CICSUOWLink

**Object type**

CICS Resource

**Length**

520

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0081

**Security Class**

OPERATE.UOW

**CICS Commands subject to CICS Security**

INQUIRE UOWLINK

Table 1065. Valid CPSM operations									
Operations	Actions		Parameters				Required		
GET			None				N/A		
SET			None				N/A		
PERFORM SET	DELETE		None				N/A		

Table 1066. UOWLINK resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Description	Get Invali d	Offse t
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		12

Table 1066. UOWLINK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Description	Get Invalid	Offset
LINK-1	HEX	INQ			4	MIN	Link token		16
BRANCHQUAL	HEX	INQ			64	DIFF	XID Branch Qualifier	E640 E650 E660 E670 E680	456
HOST	CHAR	INQ	UOWLINK	HOST	255	DIFF	TCP/IP host address		131
LINKNAME	CHAR	INQ	UOWLINK	LINK	8	DIFF	Netname of remote system, global user exit name or JVM server name		36
NETUOWID	HEX	INQ	UOWLINK	NETUOWID	27	MIN	Network-wide LU 6.2 name of UOW		72
PORT	BINARY	INQ			4	DIFF	TCP/IP port number	E640 E650 E660 E670 E680	452
PROTOCOL	CVDAS	INQ	UOWLINK	PROTOCOL	4	LIKE	Link protocol		68
PROTOCOL Output valid values	<ul style="list-style-type: none"> <li>• APPC</li> <li>• IRC</li> <li>• LU61</li> <li>• RRMS</li> <li>• IPIC</li> <li>• OTS</li> <li>• NOTAPPLIC</li> </ul>								
RESYNCSTATUS	CVDAS	INQ	UOWLINK	RESYNCSTATUS	4	LIKE	Resynchronization status		64
RESYNCSTATUS Output valid values	<ul style="list-style-type: none"> <li>• COLD</li> <li>• OK</li> <li>• STARTING</li> <li>• UNAVAILABLE</li> <li>• UNCONNECTED</li> <li>• NOTAPPLIC</li> </ul>								
RMIQFY	CHAR	INQ	UOWLINK	RMIQFY	8	DIFF	Entry qualifier of task related user exit		52
ROLE	CVDAS	INQ	UOWLINK	ROLE	4	LIKE	Role of connection		60
ROLE Output valid values	<ul style="list-style-type: none"> <li>• COORDINATOR</li> <li>• SUBORDINATE</li> <li>• UNKNOWN</li> </ul>								
RRMSURID	CHAR	CMF	UOWLINK	URID	32	DIFF	RRMS Unit of recoverable work ID		99
SYSID	CHAR	INQ	UOWLINK	SYSID	4	DIFF	Name of remote system		48
TYPE	CVDAS	INQ	UOWLINK	TYPE	4	LIKE	Resource type		44
TYPE Output valid values	<ul style="list-style-type: none"> <li>• CONNECTION</li> <li>• RMI</li> <li>• CFTABLE</li> <li>• IPCONN</li> <li>• JVMSERVER</li> </ul>								
UOWID	HEX	INQ	UOWLINK	UOW	16	MIN	Unit of work (UOW) ID		20
XID	HEX	INQ	UOWLINK	XID	64	DIFF	XID Global Transaction Identifier	E640	386

# Chapter 440. UOW Resource Table

A CICS Resource that describes a unit of work in an active system running the CICS TS for z/OS and being managed by CICSplex SM.

The **Primary** key field for this resource class is UOWID.

The following actions are supported for units of work that are shunted indoubt:

**BACKOUT**

Perform syncpoint backout processing.

**COMMIT**

Perform syncpoint commit processing.

**FORCE**

Force UOW to backout or commit.

These actions require no unique parameter data.

**External resource name(CMCI)**

CICSUOW

**Object type**

CICS Resource

**Length**

248

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0079

**Security Class**

OPERATE.UOW

**CICS Commands subject to CICS Security**

INQUIRE UOW

Table 1067. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	FORCE	None	N/A
	BACKOUT	None	N/A
	COMMIT	None	N/A

Table 1068. UOW resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	12
UOWID-1	HEX	INQ	UOW	UOW	16	MIN	No	Local unit of work (UOW) ID	16
AGE	BINARY	INQ	UOW	AGE	4	AVG	No	Time in current wait state (seconds)	44
LINK	CHAR	INQ	UOW	LINK	8	DIFF	No	Netname of remote system that caused wait	80
NETNAME	CHAR	INQ	UOW	NETNAME	8	DIFF	No	Netname of link causing UOW wait/shunt	48
NETUOWID	HEX	INQ	UOW	NETUOWID	27	MIN	No	LU 6.2 network-wide name for UOW	88
OTSTID	CHAR	INQ			128	DIFF	No	Object transaction service (OTS) transaction ID	115
SYSID	CHAR	INQ	UOW	SYSID	4	DIFF	No	System ID of connection that caused wait	56
TASKID	DECIMAL	INQ	UOW	TASKID	4	AVG	No	Task originally associated with UOW	68
TERMIN	CHAR	INQ	UOW	TERMIN	4	DIFF	No	Terminal from which this UOW was started	60
TRANSID	CHAR	INQ	UOW	TRANSID	4	DIFF	No	Transaction that started UOW	64
UOWSTATE	CVDAS	INQ	UOW	UOWSTATE	4	LIKE	Yes	UOW status	32
UOWSTATE Input/output valid values	<ul style="list-style-type: none"> <li>• BACKOUT</li> <li>• COMMIT</li> <li>• FORCE</li> </ul>								
UOWSTATE Output valid values	<ul style="list-style-type: none"> <li>• INDOUBT</li> <li>• INFLIGHT</li> <li>• HEURCOMMIT</li> <li>• HEURBACKOUT</li> <li>• FORCE</li> </ul>								
USERID	CHAR	INQ	UOW	USERID	8	DIFF	No	User that started transaction	72
WAITCAUSE	CVDAS	INQ	UOW	WAITCAUSE	4	LIKE	No	Cause of wait	40
WAITCAUSE Output valid values	<ul style="list-style-type: none"> <li>• NOTAPPLIC</li> <li>• CONNECTION</li> <li>• DATASET</li> <li>• WAITCOMMIT</li> <li>• WAITFORGET</li> <li>• RLSSERVER</li> <li>• WAITRMI</li> <li>• WAITRRMS</li> </ul>								
WAITSTATE	CVDAS	INQ	UOW	WAITSTATE	4	LIKE	No	Wait status	36
WAITSTATE Output valid values	<ul style="list-style-type: none"> <li>• ACTIVE</li> <li>• SHUNTED</li> <li>• WAITING</li> </ul>								

# Chapter 441. URIINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a universal resource identifier map definition (URIMPDEF) in a resource group (RESGROUP). A URIMPDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is URIGROUP.

The **Secondary** key field for this resource class is URINAME.

The **Tertiary** key field for this resource class is URIVER.

**Object type**

CICSplex SM Definition

**Length**

56

**Usage**

API, Batch Utility, WUI

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt6178

**Security Class**

BAS.DEF

Table 1069. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 1070. URIINGRP FEEDBACK error codes		
Value	Code	Description
1	URIINGRP_INV_DATA	Attribute data invalid
2	URIINGRP_REC_NOT_FOUND	Requested resource not found
4	URIINGRP_REC_EXISTS	Resource already exists
6	URIINGRP_INV_RESTYPE	Invalid resource type
7	URIINGRP_INV_VER	Invalid resource version
11	URIINGRP_NON_MP	Maintenance point CMAS not available
12	URIINGRP_INV_CONTEXT	Context not found

Table 1070. URIINGRP FEEDBACK error codes (continued)

Value	Code	Description
21	URIINGRP_INCONSISTENT_SET	Inconsistent set
22	URIINGRP_DIFF_VERSION	Different version
23	URIINGRP_INV_NAME	Invalid name
24	URIINGRP_INV_MINNAME	Invalid minor name

Table 1071. URIINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
URIGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
URINAME-2	CHAR	CPSM	8	Yes	DIFF	URIMAP definition name	44
URIVER-3	BINARY	CPSM	1	Yes	AVG	URIMAP definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16



# Chapter 442. URIMAP Resource Table

A CICS resource that describes the universal resource identifier (URI) of requests from web clients or requests to a remote server.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**ENABLE**

Enable access to the URIMAP definition by programs.

**DISABLE**

Disable program access to the URIMAP definition. A URIMAP definition has to be disabled before it can be reinstalled or discarded.

**DISCARD**

Remove a URIMAP definition from the system.

**External resource name(CMCI)**

CICSURIMap

**Object type**

CICS Resource

**Length**

1616

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0162

**CICS Commands subject to CICS Security**

INQUIRE URIMAP

Table 1072. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A
	DISCARD	None	N/A

Table 1073. URIMAP resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
NAME-1	CHAR	INQ	URIMAP	URIMAP	8	DIFF	No	Name			16
ANALYZERSTAT	CVDAS	INQ	URIMAP	ANALYZERSTAT	4	LIKE	No	Use an analyzer program to process HTTP request			824
ANALYZERSTAT Output valid values	<ul style="list-style-type: none"><li>ANALYZER</li><li>NOANALYZER</li></ul>										
APPLICATION	CHAR	INQ	URIMAP	APPLICATION	64	DIFF	No	Application Name		E640 E650 E660 E670 E680	1404
APPLMAJORVER	BINARY	INQ	URIMAP	APPLMAJORVER	4	MAX	No	Major Version		E640 E650 E660 E670 E680	1596
APPLMICROVER	BINARY	INQ	URIMAP	APPLMICROVER	4	MAX	No	Micro Version		E640 E650 E660 E670 E680	1604
APPLMINORVER	BINARY	INQ	URIMAP	APPLMINORVER	4	MAX	No	Minor Version		E640 E650 E660 E670 E680	1600
ATOMSERVICE	CHAR	CPSM	URIMAP	ATOMSERVICE	8	DIFF	No	Atomservice that will process the request.		E640 E650	1321
AUTHENTICATE	CVDAS	INQ	URIMAP	AUTHENTICATE	4	LIKE	No	Authentication level		E640 E650	1380
AUTHENTICATE Output valid values	<ul style="list-style-type: none"><li>BASICAUTH</li><li>NOAUTHENTIC</li></ul>										
AVAILSTATUS	CVDAS	INQ			4	LIKE	No	Availability status		E640 E650 E660 E670 E680	1608
AVAILSTATUS Output valid values	<ul style="list-style-type: none"><li>AVAILABLE</li><li>UNAVAILABLE</li><li>NONE</li></ul>										
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	1320
CERTIFICATE	CHAR	INQ	URIMAP	CERTIFICATE	32	DIFF	No	SSL client certificate for outbound HTTPS request			896
CHANGEAGENT	CVDAS	INQ	URIMAP	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650	1268

Table 1073. URIMAP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Get Invalid	Offset
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• DYNAMIC</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> <li>• SYSTEM</li> </ul>										
CHANGEAGREL	CHAR	INQ	URIMAP	CHANGEAGREL	4	DIF F	No	Last modification agent release		E640 E650	127 2
CHANGETIME	DATETIME	INQ	URIMAP	CHANGETIME	8	MAX	No	Last modification time		E640 E650	128 0
CHANGEUSRID	CHAR	INQ	URIMAP	CHANGEUSRID	8	DIF F	No	Last modification user ID		E640 E650	126 0
CHARACTERSET	CHAR	INQ	URIMAP	CHARACTERSET	40	DIF F	No	Character set of CICS response to the HTTP request			463
CIPHERS	CHAR	INQ	URIMAP	CIPHERS	56	DIF F	No	SSL cipher suite codes			928
CONVERTER	CHAR	INQ	URIMAP	CONVERTER	8	DIF F	No	Converter program to process request content			828
DEFINESOURCE	CHAR	INQ	URIMAP	DEFINESOURCE	8	DIF F	No	Source of the resource definition		E640 E650	128 8
DEFINETIME	DATETIME	INQ	URIMAP	DEFINETIME	8	MAX	No	Creation time		E640 E650	129 6
ENABLESTATUS	CVDAS	INQ	URIMAP	ENABLESTATUS	4	LIK E	Yes	Status			24
ENABLESTATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>										
ENABLESTATUS Output valid values	<ul style="list-style-type: none"> <li>• DISABLEDHOST</li> </ul>										
HFSFILE	CHAR	INQ	URIMAP	HFSFILE	25 5	DIF F	No	Qualified zFS file to form the static response			561
HOST	CHAR	INQ	URIMAP	HOST	11 6	DIF F	No	Host component of the URI			36
HOSTCODEPAGE	CHAR	INQ	URIMAP	HOSTCODEPAGE	10	DIF F	No	Code page in which the static response is encoded			503
HOSTTYPE	CVDAS	INQ	URIMAP	HOSTTYPE	4	LIK E	No	The format of the host name or address		E640 E650	137 2
HOSTTYPE Output valid values	<ul style="list-style-type: none"> <li>• HOSTNAME</li> <li>• IPV4</li> <li>• IPV6</li> <li>• NOTAPPLIC</li> </ul>										
INSTALLAGENT	CVDAS	INQ	URIMAP	INSTALLAGENT	4	LIK E	No	Installation agent		E640 E650	127 6

Table 1073. URIMAP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Offset
INSTALLAGENT Input/output valid values	<ul style="list-style-type: none"> <li>CSDAPI</li> <li>CREATESPI</li> <li>DYNAMIC</li> <li>GRPLIST</li> <li>BUNDLE</li> </ul>										
INSTALLTIME	DATETIME	INQ	URIMAP	INSTALLTIME	8	MAX	No	Installation time		E640 E650	1312
INSTALLUSRID	CHAR	INQ	URIMAP	INSTALLUSRID	8	DIF F	No	Installation user ID		E640 E650	1304
IPFAMILY	CVDAS	INQ	URIMAP	IPFAMILY	4	LIK E	No	The format of the resolved IP address		E640 E650	1368
IPFAMILY Output valid values	<ul style="list-style-type: none"> <li>IPv4</li> <li>IPv6</li> <li>UNKNOWN</li> </ul>										
IPRESOLVED	CHAR	INQ	URIMAP	IPRESOLVED	39	DIF F	No	The resolved IP address of this URIMAP		E640 E650	1329
LOCATION	CHAR	INQ	URIMAP	LOCATION	255	DIF F	Yes	URI to which to redirect the inbound HTTP request			984
MAPREFCOUNT	BINARY	STAT	DFHWBRDS	WBR_URIMAP_REFERENCE_COUNT	4	AVG	No	URI map reference count			1240
MATCHDISABLD	BINARY	STAT			4	AVG	No	URI map host or path disabled			1244
MATCHREDIREC	BINARY	STAT			4	AVG	No	URI map host or path redirect			1248
MEDIATYPE	CHAR	INQ	URIMAP	MEDIATYPE	56	DIF F	No	Media type of CICS response to the HTTP request			407
NUMCIPHERS	BINARY	INQ	URIMAP	NUMCIPHERS	2	LIK E	No	Number of SSL cipher suite codes			1252
OPERATION	CHAR	INQ	URIMAP	OPERATION	64	DIF F	No	Operation Name		E640 E650 E660 E670 E680	1532
PATH	CHAR	INQ	URIMAP	PATH	255	DIF F	No	Path component of URI to which the map applies			152
PIPELINE	CHAR	INQ	URIMAP	PIPELINE	8	DIF F	No	Pipeline that will process the request			848
PLATFORM	CHAR	INQ	URIMAP	PLATFORM	64	DIF F	No	Platform Name		E640 E650 E660 E670 E680	1468
PORT	BINARY	INQ	URIMAP	PORT	4	DIF F	No	Port number for USAGE(CLIENT)		E640 E650	1376
PROGRAM	CHAR	INQ	URIMAP	PROGRAM	8	DIF F	No	Application program that will process the request			840
REDIRECTTYPE	CVDAS	INQ	URIMAP	REDIRECTTYPE	4	LIK E	Yes	Type of redirection			1256

Table 1073. URIMAP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
REDIRECTTYPE Input/output valid values	<ul style="list-style-type: none"> <li>NONE</li> <li>TEMPORARY</li> <li>PERMANENT</li> </ul>										
SCHEME	CVDAS	INQ	URIMAP	SCHEME	4	LIKE	No	Scheme component of URI to which the map applies			32
SCHEME Output valid values	<ul style="list-style-type: none"> <li>HTTP</li> <li>HTTPS</li> </ul>										
SOCKETCLOSE	BINARY	INQ	URIMAP	SOCKETCLOSE	4	DIFF	No	Time out for pooled sockets (secs)		E640 E650 E660	1384
SOCKPLSZPEAK	BINARY	STAT	DFHWBRDS	WBR_URIMAP_SOCKETPOOLSIZE_PEAK	4	MAX	No	Peak number of pooled sockets			1392
SOCKPOOLSIZE	BINARY	INQ	URIMAP	SOCKPOOLSIZE	4	DIFF	No	Number of pooled sockets		E640 E650 E660	1388
SOCKRECLAIMD	BINARY	STAT	DFHWBRDS	WBR_URIMAP_SOCKETS_RECLAIMED	4	MAX	No	Number of reclaimed sockets			1396
SOCKTIMEDOUT	BINARY	STAT	DFHWBRDS	WBR_URIMAP_SOCKETS_TIMEDOUT	4	MAX	No	Number of timed out sockets			1400
TCPIPSERVICE	CHAR	INQ	URIMAP	TCPIPSERVICE	8	DIFF	No	Inbound TCP/IP service relating to this URI map			816
TEMPLATENAME	CHAR	INQ	URIMAP	TEMPLATENAME	48	DIFF	No	Document template to form the static response			513
TRANSACTION	CHAR	INQ	URIMAP	TRANSACTION	4	DIFF	No	Alias transaction to run application for response			836
USAGE	CVDAS	INQ	URIMAP	USAGE	4	LIKE	No	URI map usage			28
USAGE Output valid values	<ul style="list-style-type: none"> <li>SERVER</li> <li>CLIENT</li> <li>PIPELINE</li> <li>ATOM</li> <li>JVMSERVER</li> </ul>										
USERID	CHAR	INQ	URIMAP	USERID	8	DIFF	No	User ID to attach the alias transaction			888
WEBSERVICE	CHAR	INQ	URIMAP	WEBSERVICE	32	DIFF	No	Web service that will process the request			856



# Chapter 443. URIMPDEF Resource Table

A CICS definition that describes the universal resource identifier (URI) of requests from web clients or requests to a remote server.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

## INSTALL

Install a Connection Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

## ADDTGRP

Add to resource group

PARM(' [ERRQUEUE] RESGROUP(value) .')

**Note:** When creating this resource you should consider specifying the HOST attribute in lower case as CICS will convert this attribute name to lower case at install time. If you have not used a lower case name, you may subsequently have difficulty finding your host.

## External resource name(CMCI)

CICSDefinitionURIMap

## Object type

CICS Definition

## Length

1392

## Usage

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

## API view

No

## CMAS context

No

## SCOPE applies

No

## Only query CMASs in workload

No

## Copybook identifier

EYUt3833

## CICS Commands subject to CICS Security

INQUIRE URIMAP

Table 1074. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No

Table 1074. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
CREATE		RESGROUP(value)	No
		CSD	No
UPDATE		RESGROUP(value)	No
		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
		ADDTGRP	Yes
		CSDINSTALL	N/A
		CSDCOPY	No
		AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 1075. URIMPDEF FEEDBACK error codes		
Value	Code	Description
1	URIMPDEF_INV_DATA	Attribute data invalid
2	URIMPDEF_REC_NOT_FOUND	Requested resource not found
4	URIMPDEF_REC_EXISTS	Resource already exists
5	URIMPDEF_REC_CHANGED	Resource definition already changed
6	URIMPDEF_INV_RESTYPE	Invalid resource type
7	URIMPDEF_INV_VER	Invalid resource version
11	URIMPDEF_NON_MP	Maintenance point CMAS not available
12	URIMPDEF_INV_CONTEXT	Context not found
13	URIMPDEF_INCONSISTENT_SET	Inconsistent set condition
14	URIMPDEF_INV_RESGROUP	Resource group not found
21	URIMPDEF_INV_ACTION	Invalid action
22	URIMPDEF_INV_RECADDR	Invalid record address
23	URIMPDEF_INV_RECLEN	Invalid record length
24	URIMPDEF_DIFF_VERSION	Different version



Table 1075. URIMPDEF FEEDBACK error codes (continued)

Value	Code	Description
25	URIMPDEF_EARLY_NAMELIST_END	Early name list end
26	URIMPDEF_INV_NAMELIST	Invalid name list
27	URIMPDEF_INV_NAME	Invalid name
28	URIMPDEF_INV_MINNAME	Invalid minor name
29	URIMPDEF_NOTIFY	Notify
30	URIMPDEF_PARTIAL_INSTALL	Partial install
31	URIMPDEF_NOTHING_INSTALLED	Nothing installed
32	URIMPDEF_NO_TARGETS	No targets
33	URIMPDEF_NO_RELATED	No related systems
34	URIMPDEF_INV_TSCOPE	Invalid target scope
35	URIMPDEF_INV_RSCOPE	Invalid related scope
36	URIMPDEF_INV_USAGE	Invalid usage
37	URIMPDEF_INV_MODE	Invalid mode
38	URIMPDEF_INV_STATECHK	Invalid state check
39	URIMPDEF_INV_FORCEINS	Invalid force install
40	URIMPDEF_INV_NOTIFY	Invalid notify
41	URIMPDEF_INV_OVERTYPE	Invalid over type
42	URIMPDEF_INV_OVRBLOCK	Invalid override block
43	URIMPDEF_INV_ORSTRING	Invalid override string
44	URIMPDEF_INV_STRNGTERM	Invalid string term
45	URIMPDEF_INV_EMBEDTERM	Invalid embedded terminator
46	URIMPDEF_INV_ATTRIBUTE	Invalid attribute
47	URIMPDEF_INV_LITERAL	Invalid literal
48	URIMPDEF_INV_ORSTGNA	Invalid override string
49	URIMPDEF_SCOPE_REQUIRED	Scope required
50	URIMPDEF_USAGE_CONFLICT	Usage conflict
51	URIMPDEF_NODEFS_SELECTED	No definitions selected
52	URIMPDEF_MORE_THAN_1_RELSYS	More than one related system
53	URIMPDEF_MISSING_RELSYSID	Missing related system identifier
54	URIMPDEF_SCOPE_CONFLICT	Scope conflict
55	URIMPDEF_INV_CSDGROUP	Invalid CSD group
56	URIMPDEF_REC_NOT_REMOVED	Record not removed
57	URIMPDEF_INV_RESOURCE	Invalid resource
58	URIMPDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	URIMPDEF_PARTIAL_ACTION	Partial action
60	URIMPDEF_NOTHING_ACTIONED	Nothing actioned

Table 1075. URIMPDEF FEEDBACK error codes (continued)

Value	Code	Description
61	URIMPDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	URIMPDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	URIMPDEF_CSD_ERROR	CSD access error
64	URIMPDEF_INVALID_PATH	Invalid PATH for USAGE(CLIENT).

Table 1076. URIMPDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	1376
ANALYZER	EYUDA	CPSM	4	No	LIKE	Use an analyzer program to process HTTP request	NO			932
ANALYZER Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• YES</li> </ul>									
ATOMSERVICE	CHAR	CPSM	8	No	AVG	Atomservice that will process the request.			E640 E650	1364
AUTHENTICATE	EYUDA	CPSM	4	Yes	LIKE	Authentication level	N_A		E640 E650	1372
AUTHENTICATE Input/output valid values	<ul style="list-style-type: none"> <li>• N_A</li> <li>• NO</li> <li>• BASIC</li> </ul>									
CERTIFICATE	CHAR	CPSM	32	No	DIFF	SSL client certificate for outbound HTTPS request				1004
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CHARACTERSET	CHAR	CPSM	40	No	DIFF	Character set of CICS response to the HTTP request				571
CIPHERS	CHAR	CPSM	56	No	DIFF	Cipher suite codes to be used for outbound SSL				1036
CONVERTER	CHAR	CPSM	8	No	DIFF	Converter program to process request content				936
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				40
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		1352
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				72
HFSFILE	CHAR	CPSM	255	No	DIFF	Qualified zFS file to form the static response				669

Table 1076. URIMPDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
HOST	CHAR	CPSM	116	Yes	DIFF	Host component of URI to which the map applies				144
HOSTCODEPAGE	CHAR	CPSM	10	No	DIFF	Code page in which the static response is encoded				611
LOCATION	CHAR	CPSM	255	No	DIFF	URI to which to redirect the inbound HTTP request				1092
MEDIATYPE	CHAR	CPSM	56	No	DIFF	Media type of CICS response to the HTTP request				515
PATH	CHAR	CPSM	255	Yes	DIFF	Path component of URI to which the map applies				260
PIPELINE	CHAR	CPSM	8	No	DIFF	Pipeline that will process the request				956
PORT	CHAR	CPSM	8	No	DIFF	Port number	NO	1-65535	E640 E650	1356
PORT Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> </ul>									
PROGRAM	CHAR	CPSM	8	No	DIFF	Application program that will process the request				948
REDIRECTTYPE	CVDAS	CPSM	4	Yes	LIKE	Type of redirection	NONE			1348
REDIRECTTYPE Input/output valid values	<ul style="list-style-type: none"> <li>• NONE</li> <li>• TEMPORARY</li> <li>• PERMANENT</li> </ul>									
SCHEME	CVDAS	CPSM	4	Yes	LIKE	Scheme component of URI to which the map applies	HTTP			140
SCHEME Input/output valid values	<ul style="list-style-type: none"> <li>• HTTP</li> <li>• HTTPS</li> </ul>									
SOCKETCLOSE	CHAR	CPSM	6	No	DIFF	Time out for pooled sockets (HHMMSS)			E640 E650 E660	1384
STATUS	CVDAS	CPSM	4	Yes	LIKE	Enabled status	ENABLED			132
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>									
TCPIPSERVICE	CHAR	CPSM	8	No	DIFF	Inbound TCP/IP service relating to this URI map				924
TEMPLATENAME	CHAR	CPSM	48	No	DIFF	Document template to form the static response				621
TRANSACTION	CHAR	CPSM	4	No	DIFF	Alias transaction to run application for response				944
USAGE	CVDAS	CPSM	4	Yes	LIKE	URI map usage type	SERVER			136
USAGE Input/output valid values	<ul style="list-style-type: none"> <li>• SERVER</li> <li>• CLIENT</li> <li>• PIPELINE</li> <li>• ATOM</li> <li>• JVMSERVER</li> </ul>									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				48
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				56
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				64

Table 1076. URIMPDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
USERID	CHAR	CPSM	8	No	DIFF	The user ID to attach the alias transaction				996
WEBSERVICE	CHAR	CPSM	32	No	DIFF	Web service that will process the request				964

## Chapter 444. URIMPGBL Resource Table

A CICS resource, with no key, that describes the global statistics returned by CICS extract statistics for the URIMAP resource.

**External resource name(CMCI)**

CICSGlobalURIMapStatistics

**Object type**

CICS Resource

**Length**

72

**Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt0166

**CICS Commands subject to CICS Security**

INQUIRE URIMAP

Table 1077. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 1078. URIMPGBL resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		12
DRCTATTCOUNT	BINARY	STAT	DFHWBGDS	WBG_URIMAP_DIRECT_ATTACH	4	SUM	Direct attach count	E640 E650 E660 E670 E680 E690	68
DYNAMCONTENT	BINARY	STAT	DFHWBGDS	WBG_URIMAP_DYNAMIC_CONTENT	4	SUM	URI map dynamic content		44
EPREFCOUNT	BINARY	STAT	DFHWBGDS	WBG_URIMAP_ENTRYPOINT_REFERENCE	4	SUM	Entry point reference count	E640 E650 E660 E670 E680	64

Table 1078. URIMPGBL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Offset
HOSTDISABLED	BINARY	STAT	DFHWBGDS	WBG_HOST_DISABLED_COUNT	4	SUM	Host disabled count		60
MAPREFCOUNT	BINARY	STAT	DFHWBGDS	WBG_URIMAP_REFERENCE_COUNT	4	SUM	URI map reference count		16
MATCHANALYZE	BINARY	STAT	DFHWBGDS	WBG_URIMAP_MATCH_ANALYZER	4	SUM	URI map host or path match analyzer		36
MATCHCOUNT	BINARY	STAT	DFHWBGDS	WBG_URIMAP_MATCH_COUNT	4	SUM	URI map host or path match count		28
MATCHDISABLD	BINARY	STAT	DFHWBGDS	WBG_URIMAP_MATCH_DISABLED	4	SUM	URI map host or path disabled		20
MATCHREDIREC	BINARY	STAT	DFHWBGDS	WBG_URIMAP_MATCH_REDIRECT	4	SUM	URI map host or path redirect		32
NOMATCHCOUNT	BINARY	STAT	DFHWBGDS	WBG_URIMAP_NO_MATCH_COUNT	4	SUM	URI map host or path no match count		24
PIPELINEREQS	BINARY	STAT	DFHWBGDS	WBG_URIMAP_PIPELINE_REQS	4	SUM	URI map pipeline requests		48
SCHEMEHTTP	BINARY	STAT	DFHWBGDS	WBG_URIMAP_SCHEME_HTTP	4	SUM	URI map SCHEME(HTTP) requests		52
SCHEMEHTTPS	BINARY	STAT	DFHWBGDS	WBG_URIMAP_SCHEME_HTTPS	4	SUM	URI map SCHEME(HTTPS) requests		56
STATICCONTENT	BINARY	STAT	DFHWBGDS	WBG_URIMAP_STATIC_CONTENT	4	SUM	URI map static content		40

# Chapter 445. VOLUME Resource Table

A CICS Resource that describes a tape volume used by a tape journal in an active CICS system being managed by CICSplex System Manager.

The **Primary** key field for this resource class is VOLUME.

The following actions are supported:

### ADD

Add a volume.

The parameter data for the ADD action is:

```
PARM('VOLSER(volser) JOURNAL(jrn1)
      [AVAILSTAT(cvda)].')
```

where:

volser = (Required) 6-character volume serial number  
jrn1 = (Required) Journal number, from 1 - 99  
cvda = Valid CVDA for the volume availability condition

### REMOVE

Remove a volume.

### Object type

CICS Resource

### Length

64

### Usage

EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0016

### Security Class

OPERATE.JOURNAL

### CICS Commands subject to CICS Security

INQUIRE VOLUME

Table 1079. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADD	AVAILSTAT(NOWRITE, OK)	No

Table 1079. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
REMOVE		JOURNAL(value)	Yes
		VOLSER(value)	Yes
		None	N/A

Table 1080. VOLUME resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	12
VOLUME-1	CHAR	INQ	VOLUME	VOLUME	6	DIFF	No	Volume serial number	16
AVAILSTATUS	CVDAS	INQ	VOLUME	AVAILSTATUS	4	LIKE	Yes	Availability status	36
AVAILSTATUS Input/ output valid values	<ul style="list-style-type: none"> <li>OK</li> <li>NOWRITE</li> </ul>								
AVAILSTATUS Output valid values	<ul style="list-style-type: none"> <li>FINPUT</li> <li>FOUTPUT</li> <li>FOPEN</li> <li>FCLOSE</li> </ul>								
DATE	CHAR	INQ	VOLUME	DATE	5	DIFF	No	Date when earliest data written	46
EMPTYSTATUS	CVDAS	INQ	VOLUME	EMPTYSTATUS	4	LIKE	No	Empty status	24
EMPTYSTATUS Output valid values	<ul style="list-style-type: none"> <li>EMPTY</li> <li>NOTEMPTY</li> </ul>								
JOURNALNUM	BINARY	INQ	VOLUME	JOURNALNUM	2	AVG	Yes	Journal number	22
LONGDATE	CHAR	INQ	VOLUME	LONGDATE	7	DIFF	No	Date with 4-digit year	51
OPENSTATUS	CVDAS	INQ	VOLUME	OPENSTATUS	4	LIKE	No	Open status	32
OPENSTATUS Output valid values	<ul style="list-style-type: none"> <li>OPEN</li> <li>CLOSED</li> <li>OPENING</li> </ul>								
PART	BINARY	INQ	VOLUME	PART	4	AVG	No	Sequence number in volume series	28
TIME	CHAR	INQ			6	DIFF	No	Time when earliest data written	40



## Chapter 446. WEBINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a web services definition (WEBSVDEF) in a resource group (RESGROUP). A WEBSVDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is WEBGROUP.

The **Secondary** key field for this resource class is WEBNAME.

The **Tertiary** key field for this resource class is WEBVER.

There are no object specific actions for this resource class.

### Object type

CICSplex SM Definition

### Length

56

### Usage

API, Batch Utility, WUI

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Copybook identifier

EYUt6180

### Security Class

BAS.DEF

Table 1081. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 1082. WEBINGRP FEEDBACK error codes		
Value	Code	Description
1	WEBINGRP_INV_DATA	Attribute data invalid
2	WEBINGRP_REC_NOT_FOUND	Requested resource not found
4	WEBINGRP_REC_EXISTS	Resource already exists
6	WEBINGRP_INV_RESTYPE	Invalid resource type
7	WEBINGRP_INV_VER	Invalid resource version
11	WEBINGRP_NON_MP	Maintenance point CMAS not available

Table 1082. WEBINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	WEBINGRP_INV_CONTEXT	Context not found
21	WEBINGRP_INCONSISTENT_SET	Inconsistent set
22	WEBINGRP_DIFF_VERSION	Different version
23	WEBINGRP_INV_NAME	Invalid name
24	WEBINGRP_INV_MINNAME	Invalid minor name

Table 1083. WEBINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
WEBGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	36
WEBNAME-2	CHAR	CPSM	8	Yes	DIFF	WebService definition name	44
WEBVER-3	BINARY	CPSM	1	Yes	AVG	WebService definition version	52
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

## Chapter 447. WEBSERV Resource Table

A CICS resource that defines aspects of the runtime environment for a CICS application program deployed as a web service, where the mapping between application data structure and SOAP messages has been generated using CICS-supplied tools.

The **Primary** key field for this resource class is NAME.

### External resource name(CMCI)

CICSWebService

### Object type

CICS Resource

### Length

1496

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0165

### CICS Commands subject to CICS Security

INQUIRE WEBSERVICE

Table 1084. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 1085. WEBSERV resource table attributes											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
NAME-1	CHAR	INQ	WEBSERVICE	WEBSERVICE	32	DIF F	No	Name			16
ARCHIVEFILE	CHAR	INQ	WEBSERVICE	ARCHIVEFILE	255	DIF F	No	Fully-qualified archive file on zFS		E640 E650 E660	1241

Table 1085. WEBSERV resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	1240
BINDING	CHAR	INQ	WEBSERVICE	BINDING	255	DIFF	No	The WSDL binding that this web service represents			843
CCSID	BINARY	INQ	WEBSERVICE	CCSID	4	LIKE	No	Coded character set ID		E640	1136
CHANGEAGENT	CVDAS	INQ	WEBSERVICE	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650	1188
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DREPBATCH</li> <li>• DYNAMIC</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>										
CHANGEAGREL	CHAR	INQ	WEBSERVICE	CHANGEAGREL	4	DIFF	No	Last modification agent release		E640 E650	1192
CHANGETIME	DATETIME	INQ	WEBSERVICE	CHANGETIME	8	MAX	No	Last modification time		E640 E650	1200
CHANGEUSRID	CHAR	INQ	WEBSERVICE	CHANGEUSRID	8	DIFF	No	Last modification user ID		E640 E650	1180
CONTAINER	CHAR	INQ	WEBSERVICE	CONTAINER	16	DIFF	No	Container used if the program input is CHANNEL			1104
DEFINESOURCE	CHAR	INQ	WEBSERVICE	DEFINESOURCE	8	DIFF	No	Source of the resource definition		E640 E650	1208
DEFINETIME	DATETIME	INQ	WEBSERVICE	DEFINETIME	8	MAX	No	Creation time		E640 E650	1216
ENDPOINT	CHAR	INQ	WEBSERVICE	ENDPOINT	255	DIFF	No	The endpoint URI of a remote web service			588
INSTALLAGENT	CVDAS	INQ	WEBSERVICE	INSTALLAGENT	4	LIKE	No	Installation agent		E640 E650	1196
INSTALLAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CREATESPI</li> <li>• DYNAMIC</li> <li>• GRPLIST</li> <li>• BUNDLE</li> </ul>										
INSTALLTIME	DATETIME	INQ	WEBSERVICE	INSTALLTIME	8	MAX	No	Installation time		E640 E650	1232
INSTALLUSRID	CHAR	INQ	WEBSERVICE	INSTALLUSRID	8	DIFF	No	Installation user ID		E640 E650	1224
LASTMODTIME	DATETIME	INQ	WEBSERVICE	LASTMODTIME	8	MAX	No	Time the WSBIND file on zFS was last updated			1120
MAPPINGLEVEL	CHAR	INQ	WEBSERVICE	MAPPINGLEVEL	8	DIFF	No	Mapping level used in WSBIND file		E640	1140
MAPPINGRNUM	BINARY	INQ	WEBSERVICE	MAPPINGRNUM	4	LIKE	No	Mapping release number part of MAPLEVEL		E640	1152
MAPPINGVNUM	BINARY	INQ	WEBSERVICE	MAPPINGVNUM	4	LIKE	No	Mapping version number part of MAPLEVEL		E640	1148

Table 1085. WEBSERV resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Length	Sum	Set	Description	Default	Get Invalid	Offset
MINRUNLEVEL	CHAR	INQ	WEBSERVICE	MINRUNLEVEL	8	DIF F	No	Minimum runtime level required by WSBIND file		E640	1156
MINRUNRNUM	BINARY	INQ	WEBSERVICE	MINRUNRNUM	4	LIKE	No	Minimum runtime release number part of MINRUNLVL		E640	1168
MINRUNVNUM	BINARY	INQ	WEBSERVICE	MINRUNVNUM	4	LIKE	No	Minimum runtime version number part of MINRUNLVL		E640	1164
PGMINTERFACE	CVDAS	INQ	WEBSERVICE	PGMINTERFA CE	4	LIKE	No	Where the specified program expects input			1100
PGMINTERFACE Output valid values	<ul style="list-style-type: none"> <li>CHANNEL</li> <li>COMMAREA</li> <li>NOTAPPLIC</li> </ul>										
PIPELINE	CHAR	INQ	WEBSERVICE	PIPELINE	8	DIF F	No	Pipeline in which this web service is installed			558
PROGRAM	CHAR	INQ	WEBSERVICE	PROGRAM	8	DIF F	No	Application program to implement this web service			580
STATE	CVDAS	INQ	WEBSERVICE	STATE	4	LIKE	No	Web service status			1128
STATE Output valid values	<ul style="list-style-type: none"> <li>INITING</li> <li>DISCARDING</li> <li>INSERVICE</li> <li>UNUSABLE</li> <li>UPDATING</li> <li>DISABLED</li> <li>DISABLING</li> </ul>										
URIMAP	CHAR	INQ	WEBSERVICE	URIMAP	8	DIF F	No	Dynamically installed URI map for this web service			572
VALIDATIONST	CVDAS	INQ	WEBSERVICE	VALIDATIONS T	4	LIKE	Yes	Perform validation of SOAP messages against WSDL	NOVALIDA TION		568
VALIDATIONST Input/ output valid values	<ul style="list-style-type: none"> <li>VALIDATION</li> <li>NOVALIDATION</li> </ul>										
WEBUSECOUNT	BINARY	STAT	DFHPIWDS	PIW_WEBSE VICE_USE_CO UNT	4	SUM	No	Number of times web service used			1132
WSBIND	CHAR	INQ	WEBSERVICE	WSBIND	255	DIF F	No	Fully-qualified WSBIND file on zFS			48
WSDLFILE	CHAR	INQ	WEBSERVICE	WSDLFILE	255	DIF F	No	Fully-qualified WSDL file on zFS			303
XOPDIRECTST	EYUDA	INQ	WEBSERVICE	XOPDIRECTST	4	LIKE	No	Current web service direct mode XOP status		E640	1176
XOPDIRECTST Output valid values	<ul style="list-style-type: none"> <li>SUPPORTED</li> <li>NOTSUPPORTED</li> </ul>										
XOPSUPPORTST	EYUDA	INQ	WEBSERVICE	XOPSUPPORT ST	4	LIKE	No	Web service XOP capability		E640	1172
XOPSUPPORTST Output valid values	<ul style="list-style-type: none"> <li>SUPPORTED</li> <li>NOTSUPPORTED</li> </ul>										



# Chapter 448. WEBSVDEF Resource Table

A CICS definition that describes aspects of the run-time environment for a CICS application program deployed in a web services setting, where the mapping between application data structure and SOAP messages has been generated using CICS-supplied tools.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

## INSTALL

Install a Connection Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

## ADDTGRP

Add to resource group

PARM(' [ERRQUEUE] RESGROUP(value) .')

## External resource name(CMCI)

CICSDefinitionWebService

## Object type

CICS Definition

## Length

920

## Usage

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

## API view

No

## CMAS context

No

## SCOPE applies

No

## Only query CMASs in workload

No

## Copybook identifier

EYUt3835

## CICS Commands subject to CICS Security

INQUIRE WEBSERVICE

Table 1086. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No

Table 1086. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
UPDATE REMOVE PERFORM SET	INSTALL	RESGROUP(value)	No
		CSD	No
		CSD	No
		FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
		ADDTGRP	Yes
		CSDINSTALL	N/A
		CSDCOPY	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 1087. WEBSVDEF FEEDBACK error codes		
Value	Code	Description
1	WEBSVDEF_INV_DATA	Attribute data invalid
2	WEBSVDEF_REC_NOT_FOUND	Requested resource not found
4	WEBSVDEF_REC_EXISTS	Resource already exists
5	WEBSVDEF_REC_CHANGED	Resource definition already changed
6	WEBSVDEF_INV_RESTYPE	Invalid resource type
7	WEBSVDEF_INV_VER	Invalid resource version
11	WEBSVDEF_NON_MP	Maintenance point CMAS not available
12	WEBSVDEF_INV_CONTEXT	Context not found
13	WEBSVDEF_INCONSISTENT_SET	Inconsistent set condition
14	WEBSVDEF_INV_RESGROUP	Resource group not found
21	WEBSVDEF_INV_ACTION	Invalid action
22	WEBSVDEF_INV_RECADDR	Invalid record address
23	WEBSVDEF_INV_RECLEN	Invalid record length
24	WEBSVDEF_DIFF_VERSION	Different version
25	WEBSVDEF_EARLY_NAMELIST_END	Early name list end
26	WEBSVDEF_INV_NAMELIST	Invalid name list



Table 1087. WEBSVDEF FEEDBACK error codes (continued)

Value	Code	Description
27	WEBSVDEF_INV_NAME	Invalid name
28	WEBSVDEF_INV_MINNAME	Invalid minor name
29	WEBSVDEF_NOTIFY	Notify
30	WEBSVDEF_PARTIAL_INSTALL	Partial install
31	WEBSVDEF_NOTHING_INSTALLED	Nothing installed
32	WEBSVDEF_NO_TARGETS	No targets
33	WEBSVDEF_NO_RELATED	No related systems
34	WEBSVDEF_INV_TSCOPE	Invalid target scope
35	WEBSVDEF_INV_RSCOPE	Invalid related scope
36	WEBSVDEF_INV_USAGE	Invalid usage
37	WEBSVDEF_INV_MODE	Invalid mode
38	WEBSVDEF_INV_STATECHK	Invalid state check
39	WEBSVDEF_INV_FORCEINS	Invalid force install
40	WEBSVDEF_INV_NOTIFY	Invalid notify
41	WEBSVDEF_INV_OVERTYPE	Invalid over type
42	WEBSVDEF_INV_OVRBLOCK	Invalid override block
43	WEBSVDEF_INV_ORSTRING	Invalid override string
44	WEBSVDEF_INV_STRNGTERM	Invalid string term
45	WEBSVDEF_INV_EMBEDTERM	Invalid embedded terminator
46	WEBSVDEF_INV_ATTRIBUTE	Invalid attribute
47	WEBSVDEF_INV_LITERAL	Invalid literal
48	WEBSVDEF_INV_ORSTGNA	Invalid override string
49	WEBSVDEF_SCOPE_REQUIRED	Scope required
50	WEBSVDEF_USAGE_CONFLICT	Usage conflict
51	WEBSVDEF_NODEFS_SELECTED	No definitions selected
52	WEBSVDEF_MORE_THAN_1_RELSYS	More than one related system
53	WEBSVDEF_MISSING_RELSYSID	Missing related system identifier
54	WEBSVDEF_SCOPE_CONFLICT	Scope conflict
55	WEBSVDEF_INV_CSDGROUP	Invalid CSD group
56	WEBSVDEF_REC_NOT_REMOVED	Record not removed
57	WEBSVDEF_INV_RESOURCE	Invalid resource
58	WEBSVDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	WEBSVDEF_PARTIAL_ACTION	Partial action
60	WEBSVDEF_NOTHING_ACTIONED	Nothing actioned
61	WEBSVDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 1087. WEBSVDEF FEEDBACK error codes (continued)		
Value	Code	Description
62	WEBSVDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	WEBSVDEF_CSD_ERROR	CSD access error

Table 1088. WEBSVDEF resource table attributes										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		24
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	656
ARCHIVEFILE	CHAR	CPSM	255	No	DIFF	Fully-qualified archive file on zFS			E640 E650 E660	664
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> </ul>									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				40
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		652
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				72
PIPELINE	CHAR	CPSM	8	Yes	DIFF	Pipeline in which to install this web service				130
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				48
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				56
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				64
VALIDATION	EYUDA	CPSM	4	No	LIKE	Perform validation of SOAP messages against WSDL	NO			648
VALIDATION Input/output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• YES</li> </ul>									
WSBIND	CHAR	CPSM	255	Yes	DIFF	Fully-qualified WSBInd file on zFS				138
WSDLFILE	CHAR	CPSM	255	No	DIFF	Fully-qualified WSDL file on zFS				393

## Chapter 449. WLMAROUT Resource Table

A CICSplex SM Workload Manager object that describes a CICS router region in an active workload. WLMAROUT returns a router status record from every CMAS in the workload.

The **Primary** key field for this resource class is WORKLOAD.

The **Secondary** key field for this resource class is WRKLOWNER.

The **Tertiary** key field for this resource class is TOR.

The **Fourth** key field for this resource class is RPTINGCMAS.

There are no object specific actions for this resource class.

### External resource name(CMCI)

CICSWLMActiveRouter

### Object type

CICSplex SM Manager

### Length

80

### Usage

API, WUI, CICS Management Client Interface(CMCI)

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt2660

### Security Class

WORKLOAD.DEF

Table 1089. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	No

Table 1090. WLMAROUT resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
<b>WORKLOAD-1</b>	CHAR	CPSM	8	DIFF	Workload name	0
<b>WRKLOWNER-2</b>	CHAR	CPSM	4	DIFF	System ID of workload owner	20
<b>TOR-3</b>	CHAR	CPSM	8	DIFF	Routing region name	8
<b>RPTINGCMAS-4</b>	CHAR	CPSM	8	DIFF	Reporting CMAS name	72
ABDCMPSTATE	EYUDA	CPSM	4	LIKE	Abend compensation status	68
ABDCMPSTATE Output valid values	<ul style="list-style-type: none"><li>• YES</li><li>• NO</li></ul>					

Table 1090. WLMAROUT resource table attributes (continued)						
Name	Datatype	Source	Len	Sum	Description	Offset
CON_STATUS	EYUDA	CPSM	4	LIKE	Routing region contact status	16
CON_STATUS Output valid values	<ul style="list-style-type: none"> <li>• LOSTCON</li> <li>• N_A</li> </ul>					
FMIDSEQ	CHAR	INQ	4	DIFF	FMID sequence number	52
MVSSYSNAME	CHAR	CPSM	8	DIFF	MVS system name	44
OWSTATE	EYUDA	CPSM	4	LIKE	Optimization status	32
OWSTATE Output valid values	<ul style="list-style-type: none"> <li>• ACTIVE</li> <li>• INACTIVE</li> <li>• N_A</li> </ul>					
RELEASE	CHAR	CPSM	3	DIFF	CICS Release	64
RTUOWEND	BINARY	CPSM	8	SUM	Unit of work completes	36
STRTTIME	TIMESTP	CPSM	8	MAX	Local time at which router was started	56
TOROWNER	CHAR	CPSM	8	DIFF	Name of controlling CMAS	24

# Chapter 450. WLMATAFF Resource Table

A CICSplex SM Workload Manager object that describes an active affinity relationship for a dynamic transaction. An instance of this object exists for the duration of the affinity, which in many cases is a very short period of time.

This object is referenced within the scope of a workload. The workload name must be explicitly identified in the PARM option of the API GET command by coding the following text string:

```
PARM('WORKLOAD(workload).')
```

*workload* is the name of an active workload and is required. Alternatively, you can code the following text string:

```
PARM('WORKLOAD(*)').')
```

You can specify a workload name of \* as a wildcard. Using this wildcard returns a WLMATAFF record for every workload with which the target region is associated. No other generic form of workload name can be specified. You must use an explicit workload name or the wildcard.

The **Primary** key field for this resource class is WORKLOAD.

The **Secondary** key field for this resource class is WRKLOWNER.

The **Tertiary** key field for this resource class is TRANGRP.

The **Fourth** key field for this resource class is USERID.

The **Fifth** key field for this resource class is LUNAME.

The **Sixth** key field for this resource class is TORNAME.

The **Seventh** key field for this resource class is TERMID.

The **Eighth** key field for this resource class is RESERVD2.

The **Ninth** key field for this resource class is AFFKEY.

The following action is supported:

**FORCE**

Force an affinity to be broken.

This action is provided for use when system failures occur and manual recovery of a workload is required. It is not intended for general use and may cause damage if used in an inappropriate manner. CICSplex SM makes no checks before the forced removal of an affinity relation.

**External resource name(CMCI)**

CICSWLMActiveAffinity

**Object type**

CICSplex SM Manager

**Length**

240

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

Yes

**Copybook identifier**

EYUt2487

**Security Class**

WORKLOAD.DEF

*Table 1091. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	No
PERFORM SET	FORCE	None	N/A

*Table 1092. WLMATAFF FEEDBACK error codes*

Value	Code	Description
21	WLMATAFF_AFFINITY_NOT_FOUND	Affinity not found
22	WLMATAFF_WORKLOAD_NOT_FOUND	Workload not found
23	WLMATAFF_TRANGRP_NOT_FOUND	Transaction group not found
24	WLMATAFF_NO_WORKLOAD	No workload
25	WLMATAFF_NO_TRANGRP	No transaction group
26	WLMATAFF_WORKLOAD_FROZEN	Workload frozen

*Table 1093. WLMATAFF resource table attributes*

Name	Datatype	Source	Len	Sum	Description	Offset
<b>WORKLOAD-1</b>	CHAR	CPSM	8	DIFF	Workload name	8
<b>WRKLOWNER-2</b>	CHAR	CPSM	4	DIFF	System ID of workload owner	84
<b>TRANGRP-3</b>	CHAR	CPSM	8	DIFF	Transaction group	0
<b>USERID-4</b>	CHAR	CPSM	8	DIFF	User identifier	24
<b>LUNAME-5</b>	CHAR	CPSM	17	DIFF	Terminal LU name	32
<b>TORNAME-6</b>	CHAR	CPSM	8	DIFF	Routing region	49
<b>TERMID-7</b>	CHAR	CPSM	8	DIFF	Routing region terminal	57
<b>RESERVD2-8</b>	CHAR	CPSM	11	DIFF	The activity ID of the CBTS activity	65
<b>AFFKEY-9</b>	HEX	CPSM	64	LIKE	Key that identifies creator of affinity	175
AFFINITY	EYUDA	CPSM	4	LIKE	Affinity relationship	16
AFFINITY Input/output valid values	<ul style="list-style-type: none"> <li>LOCKED</li> </ul>					
AFFINITY Output valid values	<ul style="list-style-type: none"> <li>GLOBAL</li> <li>LUNAME</li> <li>USERID</li> <li>BAPPL</li> </ul>					
AOR	CHAR	CPSM	8	DIFF	Target region	76
CBTSKEY	HEX	CPSM	52	LIKE	BTS activity ID	88
LIFETIME	EYUDA	CPSM	4	LIKE	Affinity lifetime	20
LIFETIME Input/output valid values	<ul style="list-style-type: none"> <li>UOW</li> </ul>					

Table 1093. WLMATAFF resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Offset
LIFETIME Output valid values	<ul style="list-style-type: none"> <li>• LOGON</li> <li>• PCONV</li> <li>• PERMANENT</li> <li>• SIGNON</li> <li>• SYSTEM</li> <li>• DELIMIT</li> <li>• ACTIVITY</li> <li>• PROCESS</li> </ul>					
LOCUOWID	HEX	CPSM	8	LIKE	Local unit-of-work ID	140
NETUOWID	HEX	CPSM	27	LIKE	Network unit-of-work ID	148





# Chapter 451. WLMATARG Resource Table

A CICSplex SM Workload Manager object that describes a CICS system used as a target region for one or more active workloads.

This object is referenced by its target region name only - it has no referential affinities to any explicitly named workloads.

The **Primary** key field for this resource class is AOR.

The **Secondary** key field for this resource class is RPTINGCMAS.

The following actions are supported:

**RESET**

Force the dynamic routing statistics counters to be reset to zero.

This action requires no unique parameter data.

**External resource name(CMCI)**

CICSWLMTarget

**Object type**

CICSplex SM Manager

**Length**

184

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2659

**Security Class**

WORKLOAD.DEF

Table 1094. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	RESET	None	N/A

Table 1095. WLMATARG FEEDBACK error codes

Value	Code	Description
21	WLMATARG_NO_AOR	Target region not defined

Table 1096. WLMATARG resource table attributes

Name	Datatype	Source	Len	Sum	Description	Default	Value Range	Offset
AOR-1	CHAR	CPSM	8	DIFF	Target region name			0
RPTINGCMAS-2	CHAR	CPSM	8	DIFF	Reporting CMAS name			156
BOTRSUPD	BINARY	CPSM	1	MAX	RS server bottom tier		1-25	151
CFREADCT	BINARY	CPSM	8	SUM	Coupling Facility read count			172
CFUPDCNT	BINARY	CPSM	8	MAX	Coupling Facility update count			120
CON_STATUS	EYUDA	CPSM	4	LIKE	Target region contact status			12
CON_STATUS Output valid values	<ul style="list-style-type: none"> <li>• LOSTCON</li> <li>• N_A</li> </ul>							
CPSMVER	CHAR	CPSM	4	SUM	CICSplex SM version			168
EVENTS	BINARY	CPSM	4	MAX	RTA event count for target region			28
HLTHDUMP	EYUDA	CPSM	4	LIKE	Region is dumping			104
HLTHDUMP Output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• YES</li> </ul>							
HLTHMAXT	EYUDA	CPSM	4	LIKE	Region is at MAXTASKS			108
HLTHMAXT Output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• YES</li> </ul>							
HLTHNRM	EYUDA	CPSM	4	LIKE	MAS non responsive			164
HLTHNRM Output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• YES</li> </ul>							
HLTHSOS	EYUDA	CPSM	4	LIKE	Short on storage			96
HLTHSOS Output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• YES</li> </ul>							
HLTHSTALL	EYUDA	CPSM	4	LIKE	Region has stalled			100
HLTHSTALL Output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• YES</li> </ul>							
MAXTASKS	BINARY	CPSM	4	MAX	Maximum task count for region			116
OWNINGCMAS	CHAR	CPSM	8	DIFF	Owning CMAS name			136
OWSTATE	EYUDA	CPSM	4	LIKE	Optimization status			16
OWSTATE Output valid values	<ul style="list-style-type: none"> <li>• ACTIVE</li> <li>• INACTIVE</li> <li>• N_A</li> </ul>							
READRS	BINARY	CPSM	2	MAX	RS server read interval	200	0-2000	146
ROUTEWGHT	BINARY	CPSM	4	MAX	WLM routing weight for region			20
ROUTINGLOAD	BINARY	CPSM	4	MAX	Routing Load			112
RSPOOLID	CHAR	CPSM	8	DIFF	RS server pool name			128
RTABEND	BINARY	CPSM	8	SUM	Route abends			72
RTCOMPLETE	BINARY	CPSM	8	SUM	Route completes			88
RTERROR	BINARY	CPSM	8	SUM	Route errors			48
RTINITIATE	BINARY	CPSM	8	SUM	Route initiates			80
RTNOTIFY	BINARY	CPSM	8	SUM	Route notifies			64

Table 1096. WLMATARG resource table attributes (continued)								
Name	Datatype	Source	Len	Sum	Description	Default	Value Range	Offset
RTSELECT	BINARY	CPSM	8	SUM	Route selections			40
RTTERMINATE	BINARY	CPSM	8	SUM	Route terminates			56
STATUS	EYUDA	CPSM	4	LIKE	Target region status			8
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>ACTIVE</li> <li>QUIESCE</li> </ul>							
STATUS Output valid values	<ul style="list-style-type: none"> <li>QUIESCING</li> <li>QUIESCED</li> </ul>							
TASKINC	BINARY	CPSM	2	MAX	Task count increment value			144
TASKLOAD	BINARY	CPSM	4	MAX	Task load percentage			36
TOPRSUPD	BINARY	CPSM	1	MAX	RS server top tier	5	1-25	150
UPDATERS	BINARY	CPSM	1	MAX	RS Server update frequency	15		148
WLMHLTH	BINARY	CPSM	1	MAX	z/OS WLM health			180
WLMOPTEN	EYUDA	CPSM	4	LIKE	Optimization enablement state			152
WLMOPTEN Output valid values	<ul style="list-style-type: none"> <li>ENABLED</li> <li>DISABLED</li> </ul>							
WLMQMODE	EYUDA	CPSM	4	LIKE	Task load queue mode	ALL		32
WLMQMODE Input/output valid values	<ul style="list-style-type: none"> <li>ALL</li> <li>MAXTASK</li> <li>N_A</li> </ul>							
WLMTHRSH	BINARY	CPSM	1	MAX	Task load health threshold	60	1-100	149
WRKLCNT	BINARY	CPSM	4	MAX	Workload count			24



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# Chapter 452. WLMATGRP Resource Table

A CICSplex SM Workload Manager object that describes a transaction group installed in an active workload.

This object is referenced within the scope of a workload. The workload name must be explicitly identified in the PARM option of the API GET command by coding the following text string:

```
PARM('WORKLOAD(workload).')
```

*workload* is the name of an active workload and is required. Alternatively, you can code the following text string:

```
PARM('WORKLOAD(*)').')
```

You can specify a workload name of \* as a wildcard. Using this wildcard returns a WLMATGRP record for every workload with which the target region is associated. No other generic form of workload name can be specified - it must be an explicit workload name or the wildcard.

You can specify other parameters, but the workload name is required.

The **Primary** key field for this resource class is WORKLOAD.

The **Secondary** key field for this resource class is WRKLOWNER.

The **Tertiary** key field for this resource class is TRANGRP.

The following actions are supported:

**ACTIVE**

Activate the Transaction Group.

**DORMANT**

Make the Transaction Group dormant.

**SET**

Modify attributes of the Active Transaction Group.

These actions require no unique parameter data.

A transaction group in the dormant state does not make affinity relation decisions about AOR target selection. It does, however, record static affinity relations. This allows a transaction group to be installed before activating dynamic transaction routing to record affinities based on the existing static routing configuration. When the transaction group is made active, it then has a valid representation of affinities created using static facilities.

**External resource name(CMCI)**

CICSWLMActiveTransactionGroup

**Object type**

CICSplex SM Manager

**Length**

64

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

Yes

**Copybook identifier**

EYUt2486

**Security Class**

WORKLOAD.DEF

*Table 1097. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	No
PERFORM SET	ACTIVE	WORKLOAD(value)	No
	DORMANT	WORKLOAD(value)	No
SET		None	N/A

*Table 1098. WLMATGRP FEEDBACK error codes*

Value	Code	Description
21	WLMATGRP_NO_WORKLOAD	No workload
22	WLMATGRP_NO_TRANGRP	No transaction group
23	WLMATGRP_WORKLOAD_FROZEN	Workload frozen
24	WLMATGRP_INVALID_ALGORITHM	Invalid algorithm type

*Table 1099. WLMATGRP resource table attributes*

Name	Datatype	Source	Len	Sum	Set	Description	Default	Offset
<b>WORKLOAD-1</b>	CHAR	CPSM	8	DIFF	No	Workload		8
<b>WRKLOWNER-2</b>	CHAR	CPSM	4	DIFF	No	Workload owner		42
<b>TRANGRP-3</b>	CHAR	CPSM	8	DIFF	No	Transaction group		0
ABENDCRIT	BINARY	CPSM	1	AVG	No	Acceptable abend level		32
ABENDTHRESH	BINARY	CPSM	1	AVG	No	Acceptable target region load level		33
AFFAUTO	EYUDA	CPSM	4	LIKE	No	Automatic affinity creation		48
AFFAUTO Input/output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• N_A</li> </ul>							
AFFINITY	EYUDA	CPSM	4	LIKE	No	Affinity relationship		24
AFFINITY Input/output valid values	<ul style="list-style-type: none"> <li>• GLOBAL</li> <li>• LUNAME</li> <li>• USERID</li> <li>• NONE</li> <li>• N_A</li> <li>• BAPPL</li> <li>• LOCKED</li> </ul>							
AFFLIFE	EYUDA	CPSM	4	LIKE	No	Affinity lifetime		28

Table 1099. WLMATGRP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Offset
AFFLIFE Input/output valid values	<ul style="list-style-type: none"> <li>• LOGON</li> <li>• PCONV</li> <li>• PERMANENT</li> <li>• SIGNON</li> <li>• SYSTEM</li> <li>• DELIMIT</li> <li>• NONE</li> <li>• N_A</li> <li>• ACTIVITY</li> <li>• PROCESS</li> <li>• UOW</li> </ul>							
ALGTYPE	EYUDA	CPSM	4	LIKE	Yes	Algorithm type	INHERIT	52
ALGTYPE Input/output valid values	<ul style="list-style-type: none"> <li>• INHERIT</li> <li>• QUEUE</li> <li>• LNQUEUE</li> <li>• GOAL</li> <li>• LNGOAL</li> </ul>							
EVENTNAME	CHAR	CPSM	8	DIFF	No	Event name		34
FILTER	EYUDA	CPSM	4	LIKE	No	Primary search criterion		20
FILTER Input/output valid values	<ul style="list-style-type: none"> <li>• LUNAME</li> <li>• USERID</li> </ul>							
STATUS	EYUDA	CPSM	4	LIKE	Yes	Transaction group status		16
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ACTIVE</li> <li>• DORMANT</li> </ul>							
TRANCNT	BINARY	CPSM	4	AVG	No	Active transaction count		56





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# Chapter 453. WLMATRAN Resource Table

A CICSplex SM Workload Manager object that describes a dynamic transaction defined explicitly to CICSplex SM. Dynamic transactions have to be defined only if they have specific separation or affinity criteria.

This object is referenced within the scope of a workload. The workload name must be explicitly identified in the PARM option of the API GET command by coding the following text string:

```
PARM('WORKLOAD(workload).')
```

*workload* is the name of an active workload and is required. Alternatively, you can code the following text string:

```
PARM('WORKLOAD(*)').')
```

You can specify a workload name of \* as a wildcard. Using this wildcard returns a WLMATRAN record for every workload with which the target region is associated. No other generic form of workload name can be specified. You must use an explicit workload name or the wildcard.

You can specify other parameters, but the workload name is required.

The **Primary** key field for this resource class is WORKLOAD.

The **Secondary** key field for this resource class is WRKLOWNER.

The **Tertiary** key field for this resource class is TRANID.

The following action is supported:

**FORCE**

Force removal of a transaction.

The FORCE action requires no unique parameter data.

**External resource name(CMCI)**

CICSWLMActiveTransaction

**Object type**

CICSplex SM Manager

**Length**

32

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

Yes

**Copybook identifier**

EYUt2488

**Security Class**

WORKLOAD.DEF

Table 1100. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	No
PERFORM SET	FORCE	None	N/A

Table 1101. WLMATRAN FEEDBACK error codes		
Value	Code	Description
21	WLMATRAN_NO_WORKLOAD	No workload
22	WLMATRAN_NO_TRANSID	No transaction ID
23	WLMATRAN_WORKLOAD_FROZEN	Workload frozen
24	WLMATRAN_MAL_PENDING	MAL pending

Table 1102. WLMATRAN resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
WORKLOAD-1	CHAR	CPSM	8	DIFF	Workload name	20
WRKLOWNER-2	CHAR	CPSM	4	DIFF	System ID of workload owner	28
TRANID-3	CHAR	CPSM	8	DIFF	Transaction	0
PSEUDOMODE	EYUDA	CPSM	4	LIKE	Start or end of pseudo-conversation	8
PSEUDOMODE Output valid values	<ul style="list-style-type: none"> <li>• START</li> <li>• END</li> <li>• N_A</li> </ul>					
TRANGRP	CHAR	CPSM	8	DIFF	Transaction group	12

# Chapter 454. WLMAWAOR Resource Table

A CICSplex SM Workload Manager object that describes a CICS system used as an AOR in an active workload.

This object is referenced within the scope of a workload. The workload name must be explicitly identified in the PARM option of the API GET command by coding the following text string:

```
PARM('WORKLOAD(workload).')
```

*workload* is the name of an active workload and is required. Alternatively, you can code the following text string:

```
PARM('WORKLOAD(*)').')
```

You can specify a workload name of \* as a wildcard. Using this wildcard returns a WLMAWAOR record for every workload with which the target region is associated. No other generic form of workload name can be specified. You must use an explicit workload name or the wildcard.

You can specify other parameters, but the workload name is required.

The **Primary** key field for this resource class is WORKLOAD.

The **Secondary** key field for this resource class is WRKLOWNER.

The **Tertiary** key field for this resource class is AOR.

The following actions are supported:

**ACTIVATE**

Allow transactions to be routed to an AOR.

**QUIESCE**

Do not route new transactions to an AOR.

These actions require no unique parameter data.

When an AOR QUIESCE is requested, no new transactions are routed to the AOR. Existing tasks are not affected. Only transactions with an affinity to the AOR continue to be routed. When all affinities have been removed, the AOR no longer receives any new transactions.

**Note:** 2147483647 is a special value for *ROUTEWGHT* indicating that the target is quiesced.

**External resource name(CMCI)**

CICSWLMActiveAOR

**Object type**

CICSplex SM Manager

**Length**

120

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

Yes

**Copybook identifier**

EYUt2484

**Security Class**

WORKLOAD.DEF

*Table 1103. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		EXPLODE(YES, NO)	No
		TRANNAME(value)	No
		WORKLOAD(value)	No
PERFORM SET	ACTIVATE	None	N/A
	QUIESCE	None	N/A

*Table 1104. WLMWAOR FEEDBACK error codes*

Value	Code	Description
21	WLMWAOR_NO_AOR	Target region not defined

*Table 1105. WLMWAOR resource table attributes*

Name	Datatype	Source	Len	Sum	Description	Default	Value Range	Offset
<b>WORKLOAD-1</b>	CHAR	CPSM	8	DIFF	Workload name			0
<b>WRKLOWNER-2</b>	CHAR	CPSM	4	DIFF	System ID of workload owner			24
<b>AOR-3</b>	CHAR	CPSM	8	DIFF	Target region name			8
<b>RPTCMAS-4</b>	CHAR	CPSM	8	DIFF	Reporting CMAS			104
CFUPDCNT	BINARY	CPSM	8	AVG	Coupling Facility update count			76
CON_STATUS	EYUDA	CPSM	4	LIKE	Target region contact status			20
CON_STATUS Output valid values	<ul style="list-style-type: none"> <li>• LOSTCON</li> <li>• N_A</li> </ul>							
CPSMVER	CHAR	CPSM	4	DIFF	CICSplex SM version			100
EVENTS	EYUDA	CPSM	4	AVG	RTA event active			84
EVENTS Output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• YES</li> </ul>							
HLTHDUMP	EYUDA	CPSM	4	LIKE	Region is dumping			56
HLTHDUMP Output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• YES</li> </ul>							
HLTHMAXT	EYUDA	CPSM	4	LIKE	Region is at MAXTASKS			60
HLTHMAXT Output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• YES</li> </ul>							
HLTHNRM	EYUDA	CPSM	4	LIKE	MAS non responsive			96
HLTHNRM Output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• YES</li> </ul>							
HLTHSOS	EYUDA	CPSM	4	LIKE	Short on storage			48

Table 1105. WLMWAOR resource table attributes (continued)								
Name	Datatype	Source	Len	Sum	Description	Default	Value Range	Offset
HLTHSOS Output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• YES</li> </ul>							
HLTHSTALL	EYUDA	CPSM	4	LIKE	Region has stalled			52
HLTHSTALL Output valid values	<ul style="list-style-type: none"> <li>• NO</li> <li>• YES</li> </ul>							
MAXTASKS	BINARY	CPSM	4	AVG	Maximum task count for region			68
OWSTATE	EYUDA	CPSM	4	LIKE	Optimization status			44
OWSTATE Output valid values	<ul style="list-style-type: none"> <li>• ACTIVE</li> <li>• INACTIVE</li> <li>• N_A</li> </ul>							
READRS	BINARY	CPSM	2	AVG	RS server read interval	200	0-2000	28
ROUTEWGHT	BINARY	CPSM	4	AVG	WLM routing weight for region			72
ROUTINGLOAD	BINARY	CPSM	4	AVG	Routing Load			64
RSPoolID	CHAR	CPSM	8	DIFF	RS server pool name			88
STATUS	EYUDA	CPSM	4	LIKE	Target region status			16
STATUS Input/output valid values	<ul style="list-style-type: none"> <li>• ACTIVE</li> <li>• QUIESCE</li> </ul>							
STATUS Output valid values	<ul style="list-style-type: none"> <li>• QUIESCING</li> <li>• QUIESCED</li> </ul>							
TASKINC	BINARY	CPSM	2	AVG	Task count increment value			36
TASKLOAD	BINARY	CPSM	4	AVG	Task load percentage			40
UPDATERS	BINARY	CPSM	1	AVG	RS Server update frequency	15		30
WLMHLTH	BINARY	CPSM	1	MAX	z/OS WLM health			112
WLMQMODE	EYUDA	CPSM	4	DIFF	Task load queue mode	ALL		32
WLMQMODE Input/output valid values	<ul style="list-style-type: none"> <li>• ALL</li> <li>• MAXTASK</li> <li>• N_A</li> </ul>							
WLMTHRS	BINARY	CPSM	1	AVG	Task load health threshold	60	1-100	31



# Chapter 455. WLMWDEF Resource Table

A CPSM Workload Manager object that describes a workload definition installed in an active workload.

This object is referenced within the scope of a workload. The workload name must be explicitly identified in the PARM option of the API GET command by coding the following text string:

```
PARM('WORKLOAD(workload).')
```

*workload* is the name of an active workload and is required. Alternatively, you can code the following text string:

```
PARM('WORKLOAD(*)').')
```

You can specify a workload name of \* as a wildcard. Using this wildcard returns a WLMWDEF record for every workload with which the target region is associated. No other generic form of workload name can be specified. You must use an explicit workload name or the wildcard.

You can specify other parameters, but the workload name is required.

The **Primary** key field for this resource class is WORKLOAD.

The **Secondary** key field for this resource class is WRKLOWNER.

The **Tertiary** key field for this resource class is NAME.

The following action is supported:

**DISCARD**

Remove the installed definition.

The DISCARD action requires no unique parameter data.

**External resource name(CMCI)**

CICSWLMActiveDefinition

**Object type**

CICSplex SM Manager

**Length**

128

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

Yes

**Copybook identifier**

EYUt2489

**Security Class**

WORKLOAD.DEF

Table 1106. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	No
PERFORM SET	DISCARD	None	N/A

Table 1107. WLMAWDEF FEEDBACK error codes		
Value	Code	Description
21	WLMAWDEF_WLMDEF_NOT_FOUND	Workload management definition not found
22	WLMAWDEF_NO_WORKLOAD	No workload
23	WLMAWDEF_NO_WLMDEF	No workload management definition (WLMDEF)
24	WLMAWDEF_WORKLOAD_FROZEN	Workload frozen
25	WLMAWDEF_MAL_PENDING	Request scheduled for execution later

Table 1108. WLMAWDEF resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
WORKLOAD-1	CHAR	CPSM	8	DIFF	Workload name	8
WRKLOWNER-2	CHAR	CPSM	4	DIFF	System ID of workload owner	115
NAME-3	CHAR	CPSM	8	DIFF	Workload definition	0
AORSCOPE	CHAR	CPSM	8	DIFF	Scope name of set of target systems	49
DESC	CHAR	CPSM	58	DIFF	Description	57
LUNAME	CHAR	CPSM	17	DIFF	Terminal LU name	24
PROCESSTYPE	CHAR	CPSM	8	DIFF	Process type	119
TRANGRP	CHAR	CPSM	8	DIFF	Transaction group	16
USERID	CHAR	CPSM	8	DIFF	User ID	41



# Chapter 456. WLMWORK Resource Table

A CICSplex SM Workload Manager object that describes an active workload.

The **Primary** key field for this resource class is WORKLOAD.

The **Secondary** key field for this resource class is WRKLOWNER.

The following action is supported:

**SET**

Modify attributes of the Active Workload. This action requires no unique parameter data.

The WLMWORK object does not exist until the first CICS region that is defined as a router has initialized and created the workload. The creation of the workload is indicated in the CMAS EYULOG by message EYUWM0400I.

Update the entry for the ALGTYPE attribute in Table 440, WLMWORK resource table attributes, changing the value in the Set column to YES.

**External resource name(CMCI)**

CICSWLMActiveWorkload

**Object type**

CICSplex SM Manager

**Length**

152

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt2483

**Security Class**

WORKLOAD.DEF

Table 1109. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		EXPLODE(YES, NO)	No
SET		None	N/A

Table 1110. WLMWORK FEEDBACK error codes		
Value	Code	Description
21	WLMWORK_NO_WORKLOAD	No workload
22	WLMWORK_WORKLOAD_FROZEN	Workload frozen

Table 1110. WLMABWORK FEEDBACK error codes (continued)		
Value	Code	Description
23	WLMABWORK_INVALID_ALGORITHM	Invalid algorithm type

Table 1111. WLMABWORK resource table attributes							
Name	Datatype	Source	Len	Sum	Set	Description	Offset
WORKLOAD-1	CHAR	CPSM	8	DIFF	No	Name	0
WRKLOWNER-2	CHAR	CPSM	4	DIFF	No	Owning system ID	106
RPTCMAS-3	CHAR	CPSM	8	DIFF	No	Reporting CMAS	140
ABENDCRIT	BINARY	CPSM	1	AVG	No	Acceptable level of abend probability	96
ABENDTHRESH	BINARY	CPSM	1	AVG	No	Acceptable target region load level	97
AFFAUTO	EYUDA	CPSM	4	LIKE	No	Automatic affinity creation	112
AFFAUTO Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> <li>• N_A</li> </ul>						
AFFINITY	EYUDA	CPSM	4	LIKE	No	Default affinity relation	8
AFFINITY Output valid values	<ul style="list-style-type: none"> <li>• GLOBAL</li> <li>• LUNAME</li> <li>• USERID</li> <li>• NONE</li> <li>• N_A</li> <li>• BAPPL</li> <li>• LOCKED</li> </ul>						
AFFLIFE	EYUDA	CPSM	4	LIKE	No	Default affinity lifetime	12
AFFLIFE Output valid values	<ul style="list-style-type: none"> <li>• LOGON</li> <li>• PCONV</li> <li>• PERMANENT</li> <li>• SIGNON</li> <li>• SYSTEM</li> <li>• DELIMIT</li> <li>• NONE</li> <li>• N_A</li> <li>• ACTIVITY</li> <li>• PROCESS</li> <li>• UOW</li> </ul>						
ALGTYPE	EYUDA	CPSM	4	LIKE	Yes	Default algorithm type	92
ALGTYPE Input/output valid values	<ul style="list-style-type: none"> <li>• QUEUE</li> <li>• GOAL</li> <li>• LNQUEUE</li> <li>• LINGOAL</li> </ul>						
AORCNT	BINARY	CPSM	2	AVG	No	Active target regions	18
AORSCOPE	CHAR	CPSM	8	DIFF	No	Default target scope	20
DESC	CHAR	CPSM	58	DIFF	No	Description	28
EVENTNAME	CHAR	CPSM	8	DIFF	No	Event name	98
OWSTATE	EYUDA	CPSM	4	LIKE	No	Optimization status	120
OWSTATE Output valid values	<ul style="list-style-type: none"> <li>• ACTIVE</li> <li>• PARTIAL</li> <li>• INACTIVE</li> </ul>						

Table 1111. WLMWORK resource table attributes (continued)							
Name	Datatype	Source	Len	Sum	Set	Description	Offset
SHARED	EYUDA	CPSM	4	LIKE	No	Shared status	116
SHARED Output valid values	<ul style="list-style-type: none"> <li>• YES</li> <li>• NO</li> </ul>						
STATUS	EYUDA	CPSM	4	LIKE	No	Workload status	88
STATUS Output valid values	<ul style="list-style-type: none"> <li>• ACTIVE</li> <li>• FROZEN</li> </ul>						
TORCNT	BINARY	CPSM	2	AVG	No	Active routing regions	16
WAFFCNT	BINARY	CPSM	4	AVG	No	Active transaction group affinities	136
WDFCNT	BINARY	CPSM	4	AVG	No	Active workload definitions	124
WTGPCNT	BINARY	CPSM	4	AVG	No	Active transaction groups	132
WTRNCNT	BINARY	CPSM	4	AVG	No	Active dynamic transactions	128



# Chapter 457. WLMAWTOR Resource Table

A CICSplex SM Workload Manager object that describes a CICS system used as a TOR in an active workload.

This object is referenced within the scope of a workload. The workload name must be explicitly identified in the PARM option of the API GET command by coding the following text string:

```
PARM('WORKLOAD(workload).')
```

*workload* is the name of an active workload and is required. Alternatively, you can code the following text string:

```
PARM('WORKLOAD(*)').')
```

You can specify a workload name of \* as a wildcard. Using this wildcard returns a WLMAWTOR record for every workload with which the target region is associated. No other generic form of workload name can be specified. You must use an explicit workload name or the wildcard.

You can specify other parameters, but the workload name is required.

The **Primary** key field for this resource class is WORKLOAD.

The **Secondary** key field for this resource class is WRKLOWNER.

The **Tertiary** key field for this resource class is TOR.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSWLMActiveTOR

**Object type**

CICSplex SM Manager

**Length**

48

**Usage**

API, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

Yes

**Copybook identifier**

EYUt2485

**Security Class**

WORKLOAD.DEF

Table 1112. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		EXPLODE(YES, NO)	No

Table 1112. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
		WORKLOAD(value)	No

Table 1113. WLMWTOR resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Offset
WORKLOAD-1	CHAR	CPSM	8	DIFF	Workload name	0
WRKLOWNER-2	CHAR	CPSM	4	DIFF	System ID of workload owner	20
TOR-3	CHAR	CPSM	8	DIFF	Routing region name	8
RPTCMAS-4	CHAR	CPSM	8	DIFF	Reporting CMAS	36
CON_STATUS	EYUDA	CPSM	4	LIKE	Routing region contact status	16
CON_STATUS Output valid values	<ul style="list-style-type: none"> <li>• LOSTCON</li> <li>• N_A</li> </ul>					
OWSTATE	EYUDA	CPSM	4	LIKE	Optimization status	32
OWSTATE Output valid values	<ul style="list-style-type: none"> <li>• ACTIVE</li> <li>• INACTIVE</li> <li>• N_A</li> </ul>					
TOROWNER	CHAR	CPSM	8	DIFF	Name of controlling CMAS	24

# Chapter 458. WLMDEF Resource Table

A CPSM Workload Manager Definition that describes the separation and affinity requirements for a set of dynamic transactions.

The **Primary** key field for this resource class is NAME.

The following action is supported:

**INSTALL**

Install the definition into a workload.

The parameter data for the INSTALL action is:

```
PARM('WORKLOAD(workload) OWNER(owner).')

where:

workload = (Required) Name of an active workload to process
           definition.
owner     = (Required) System ID of CMAS that created
workload, as identified by WLMWORK.
```

**External resource name(CMCI)**

CICSWLMDefinition

**Object type**

CICSPlex SM Definition

**Length**

160

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

Yes

**Copybook identifier**

EYUt3508

**Security Class**

WORKLOAD.DEF

Table 1114. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	OWNER(value)	Yes

Table 1114. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
		WORKLOAD(value)	Yes
	ADDTOGRP	RESGROUP(value)	Yes

Table 1115. WLMDEF FEEDBACK error codes		
Value	Code	Description
1	WLMDEF_INV_DATA	Attribute data invalid
2	WLMDEF_REC_NOT_FOUND	Requested resource not found
3	WLMDEF_INV_REFERENCE	not found
4	WLMDEF_REC_EXISTS	Resource already exists
5	WLMDEF_REC_CHANGED	Resource definition already changed
21	WLMDEF_NO_WLMDEF	No workload management definition
22	WLMDEF_NO_WORKLOAD	No workload
23	WLMDEF_WORKLOAD_FROZEN	Workload frozen
24	WLMDEF_MAL_PENDING	Request scheduled for execution later
25	WLMDEF_PARMS_IGNORED	Parameters ignored
26	WLMDEF_NODEFS_INSTALLED	No definitions installed
27	WLMDEF_AORSCOPE_NOT_FOUND	AOR scope not found
28	WLMDEF_TRANGRP_NOT_FOUND	Transaction group not found

Table 1116. WLMDEF resource table attributes									
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Workload management definition			36
AORSCOPE	CHAR	CPSM	8	Yes	DIFF	Scope name of set of target systems			77
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> </ul>								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DESC	CHAR	CPSM	58	No	DIFF	Description			93
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	152
LUNAME	CHAR	CPSM	17	Yes	DIFF	Terminal LU name			52
PROCESSTYPE	CHAR	CPSM	8	Yes	DIFF	BTS process type	*		85
TRANGRP	CHAR	CPSM	8	No	DIFF	Transaction group			44
USERID	CHAR	CPSM	8	Yes	DIFF	User ID			69



# Chapter 459. WLMGROUP Resource Table

A CPSM Workload Manager Definition that provides the association anchor for a set of WLMDEF definitions. References to a WLMGROUP are inferred to be references to the set of associated WLMDEF instances.

The **Primary** key field for this resource class is NAME.

The following action is supported:

**INSTALL**

Install the set of WLMDEF definitions.

The parameter data for the INSTALL action is:

```
PARM('WORKLOAD(workload) OWNER(owner).')  
  
where:  
  
workload = (Required) Name of an active workload to process group.  
owner    = (Required) System ID of CMAS that created  
workload, as identified by WLMAWORK.
```

**External resource name(CMCI)**

CICSWLMGroup

**Object type**

CICSplex SM Definition

**Length**

112

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

Yes

**Copybook identifier**

EYUt3506

**Security Class**

WORKLOAD.DEF

Table 1117. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	OWNER(value)	Yes

Table 1117. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
		WORKLOAD(value)	Yes
	ADDTOSPC	SPEC(value)	Yes

Table 1118. WLMGROUP FEEDBACK error codes		
Value	Code	Description
1	WLMGROUP_INV_DATA	Attribute data invalid
2	WLMGROUP_REC_NOT_FOUND	Requested resource not found
3	WLMGROUP_INV_REF	Not found
4	WLMGROUP_REC_EXISTS	Resource already exists
5	WLMGROUP_REC_CHANGED	Resource definition already changed
21	WLMGROUP_NO_WLMGROUP	No workload management group
22	WLMGROUP_NO_WORKLOAD	No workload
23	WLMGROUP_WORKLOAD_FROZEN	Workload frozen
24	WLMGROUP_MAL_PENDING	Request scheduled for execution later
25	WLMGROUP_PARMS_IGNORED	Parameters ignored
26	WLMGROUP_NODEFS_INSTALLED	No definitions installed
27	WLMGROUP_NODEFS_ASSOCIATED	No definitions in group

Table 1119. WLMGROUP resource table attributes									
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Workload management group			36
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/output valid values	• DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DESC	CHAR	CPSM	58	No	DIFF	Description			44
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	104

# Chapter 460. WLMINGRP Resource Table

A CPSM Workload Manager Definition that describes the membership of a workload definition (WLMDEF) in a workload group (WLMGROUP). A WLMDEF can be a member of multiple WLMGROUPs.

The **Primary** key field for this resource class is GROUP.

The **Secondary** key field for this resource class is DEF.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSWLMResourceInGroup

**Object type**

CICSplex SM Definition

**Length**

56

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt5378

**Security Class**

WORKLOAD.DEF

Table 1120. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 1121. WLMINGRP FEEDBACK error codes		
Value	Code	Description
1	WLMINGRP_INV_DATA	Attribute data invalid
2	WLMINGRP_REC_NOT_FOUND	Requested resource not found
3	WLMINGRP_INV_REFERENCE	Attribute references an invalid resource
4	WLMINGRP_REC_EXISTS	Resource already exists

Table 1122. WLMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
<b>GROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Workload management (WLM) group	36
<b>DEF-2</b>	CHAR	CPSM	8	Yes	DIFF	Name of workload management (WLM) definition	44
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> </ul>						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 461. WLMINSPC Resource Table

A CPSM Workload Manager Definition that describes the membership of a workload group (WLMGROUP) in a workload specification (WLMSPEC). A WLMGROUP can be a member of multiple WLMSEPCs.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is GROUP.

There are no object specific actions for this resource class.

**External resource name(CMCI)**

CICSWLMGroupInSpecification

**Object type**

CICSplex SM Definition

**Length**

56

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt5123

**Security Class**

WORKLOAD.DEF

Table 1123. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 1124. WLMINSPC FEEDBACK error codes		
Value	Code	Description
1	WLMINSPC_INV_DATA	Attribute data invalid
2	WLMINSPC_REC_NOT_FOUND	Requested resource not found
3	WLMINSPC_INV_REFERENCE	Attribute references an invalid resource
4	WLMINSPC_REC_EXISTS	Resource already exists

Table 1125. WLMINSPC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Workload management specification	36
GROUP-2	CHAR	CPSM	8	Yes	DIFF	Workload management (WLM) group	44
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	• DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	16

# Chapter 462. WLMSPEC Resource Table

A CPSM Workload Manager Definition that describes the control directives for generating a workload. Using group associators a WLMSPEC object can determine which WLMDEF instances are to be installed into the workload. Using scope link associators (LNKSWSCS), a WLMSPEC object can determine which CICS systems are to be referenced as TORs. A CICS system acting as a TOR can have a scope link associator to only one WLMSPEC.

The **Primary** key field for this resource class is NAME.

**External resource name(CMCI)**

CICSWLMSpecification

**Object type**

CICSplex SM Definition

**Length**

144

**Usage**

API, Batch Utility, WUI, CICS Management Client Interface(CMCI)

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Copybook identifier**

EYUt3513

**Security Class**

WORKLOAD.DEF

Table 1126. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDSYSGRP	FORCE	Yes
		GROUP(value)	Yes
		NONE	Yes
		NULL	Yes
	ADDSYSDEF	SYSTEM(value)	Yes

Table 1127. WLMSPEC FEEDBACK error codes

Value	Code	Description
1	WLMSPEC_INV_DATA	Attribute data invalid
2	WLMSPEC_REC_NOT_FOUND	Requested resource not found
3	WLMSPEC_INV_REFERENCE	Does not exist
4	WLMSPEC_REC_EXISTS	Resource already exists
5	WLMSPEC_REC_CHANGED	Resource definition already changed
21	WLMSPEC_ABEND_COMBINATION	Abend load must be less than abend probability
22	WLMSPEC_AORSCOPE_NOT_FOUND	AOR scope not found
23	WLMSPEC_LNKASSOC_EXISTS	Association already exists

Table 1128. WLMSPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name			36
ABENDCRIT	BINARY	CPSM	1	Yes	AVG	Acceptable level of abend probability	0	2-99	134
ABENDCRIT Input/output valid values	<ul style="list-style-type: none"> <li>0</li> </ul>								
ABENDTHRESH	BINARY	CPSM	1	Yes	AVG	Acceptable abend load threshold	0	1-98	135
ABENDTHRESH Input/output valid values	<ul style="list-style-type: none"> <li>0</li> </ul>								
AFFAUTO	EYUDA	CPSM	4	No	LIKE	Automatic affinity creation option	N_A		136
AFFAUTO Input/output valid values	<ul style="list-style-type: none"> <li>YES</li> <li>NO</li> <li>N_A</li> </ul>								
AFFINITY	EYUDA	CPSM	4	No	LIKE	Default affinity relationship			52
AFFINITY Input/output valid values	<ul style="list-style-type: none"> <li>N_A</li> <li>GLOBAL</li> <li>LUNAME</li> <li>USERID</li> <li>BAPPL</li> <li>LOCKED</li> </ul>								
AFFLIFE	EYUDA	CPSM	4	No	LIKE	Default affinity lifetime			56
AFFLIFE Input/output valid values	<ul style="list-style-type: none"> <li>N_A</li> <li>LOGON</li> <li>PCONV</li> <li>DELIMIT</li> <li>PERMANENT</li> <li>SIGNON</li> <li>SYSTEM</li> <li>ACTIVITY</li> <li>PROCESS</li> <li>UOW</li> </ul>								
ALGTYPE	EYUDA	CPSM	4	Yes	LIKE	Algorithm type			64



Table 1128. WLMSPEC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Offset
ALGTYPE Input/output valid values	<ul style="list-style-type: none"> <li>GOAL</li> <li>QUEUE</li> <li>LNQUEUE</li> <li>LNGOAL</li> </ul>								
AORSCOPE	CHAR	CPSM	8	Yes	DIFF	Default target scope			44
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/output valid values	<ul style="list-style-type: none"> <li>DREPAPI</li> </ul>								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			0
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			24
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			16
DESC	CHAR	CPSM	58	No	DIFF	Description			68
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	140
EVENTNAME	CHAR	CPSM	8	No	DIFF	RTA event			126
MATCH	EYUDA	CPSM	4	Yes	LIKE	Primary search criterion			60
MATCH Input/output valid values	<ul style="list-style-type: none"> <li>LUNAME</li> <li>USERID</li> </ul>								



## Chapter 463. WLPSEVR Resource Table

This is reserved for future use. A CICS Resource that allows you to browse the LINK enabled services installed into a Liberty JVM server.

The **Primary** key field for this resource class is WLPSERVICE.

The **Secondary** key field for this resource class is JVMSERVER.

### External resource name(CMCI)

CICSWLPService

### Object type

CICS Resource

### Length

1064

### Usage

API, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0218

### CICS Commands subject to CICS Security

INQUIRE WLPSERVICE

Table 1129. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 1130. WLPSEVR resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	0
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	8
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	12
<b>WLPSERVICE-1</b>	BINARY	INQ			8	DIFF	Numeric service ID	16
<b>JVMSERVER-2</b>	CHAR	CPSM			8	AVG	JVM server	28
BUNDLE	CHAR	INQ			8	SUM	CICS BUNDLE name	36
BUNDLEPART	CHAR	INQ			255	DIFF	CICS BUNDLEPART name	44
SRVCNAME	CHAR	INQ			255	DIFF	Name of the service reference	809
SRVCSTATUS	CVDAS	INQ			4	LIKE	Service status	24

Table 1130. WLPSESV resource table attributes (continued)								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Offset
SRVCSTATUS Input/output valid values	<ul style="list-style-type: none"> <li>ACTIVE</li> <li>INACTIVE</li> </ul>							
WLPAPPL	CHAR	INQ			255	DIFF	Name of the Liberty application	299
WLPCLASS	CHAR	INQ			255	DIFF	Name of the Java implementation class	554

## Chapter 464. WORKREQ Resource Table

A CICS Resource that describes EJB work requests and the transactions associated with them.

The **Primary** key for this resource class is NAME.

The following actions are supported:

### **PURGE**

Purge a selected work request.

### **FORCEPURGE**

Forcepurge a selected work request.

### **External resource name(CMCI)**

CICSWorkRequest

### **Object type**

CICS Resource

### **Length**

176

### **Usage**

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### **API view**

Yes

### **CMAS context**

No

### **SCOPE applies**

Yes

### **Only query CMASs in workload**

No

### **Copybook identifier**

EYUt0136

### **CICS Commands subject to CICS Security**

INQUIRE WORKREQUEST

Table 1131. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		WORKTYPE(IIOP, SOAP)	No
PERFORM SET	PURGE	WORKTYPE(IIOP, SOAP)	No
	FORCEPURGE	WORKTYPE(IIOP, SOAP)	No

Table 1132. WORKREQ resource table attributes											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIF	No	CICS Release			8

Table 1132. WORKREQ resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
NAME-1	CHAR	INQ	WORKREQUEST	WORKREQUEST	8	DIF	No	Work request			16
CLIENTIPADDR	CHAR	INQ	WORKREQUEST	CLNTIP6ADDR	39	DIF	No	Client IP address			24
CLNTIPFAMILY	CVDAS	INQ	WORKREQUEST	CLNTIPFAMILY	4	LIKE	No	The format of the Client IP address		E640 E650	164
CLNTIPFAMILY Output valid values	<ul style="list-style-type: none"> <li>• IPV4</li> <li>• IPV6</li> <li>• NOTAPPLIC</li> </ul>										
CORBASERVER	CHAR	INQ	WORKREQUEST	CORBASERVER	4	DIF	No	Associated CorbaServer			156
LISTENERPORT	BINARY	INQ	WORKREQUEST	LISTENERPORT	4	AVG	No	Host port that received the request			68
OAPPLID	CHAR	INQ	WORKREQUEST	OAPPLID	8	DIF	No	Originating tasks application ID			76
OTASK	DECIMAL	INQ	WORKREQUEST	OTASK	4	AVG	No	Task that received the request			84
OTRANSID	CHAR	INQ	WORKREQUEST	OTRANSID	4	DIF	No	Transaction ID that received the request			88
PURGETYPE	CVDAS	INQ			4	LIKE	Yes	Purge type		EALL	160
PURGETYPE Input/output valid values	<ul style="list-style-type: none"> <li>• PURGE</li> <li>• FORCEPURGE</li> </ul>										
REQUESTID	BINARY	INQ	WORKREQUEST	REQUESTID	4	AVG	No	Current request ID			144
STACK	BINARY	INQ	WORKREQUEST	STACK	4	AVG	No	Stack level of call			148
TASK	DECIMAL	INQ	WORKREQUEST	TASK	4	AVG	No	Local task number			63
TRANSID	CHAR	INQ	WORKREQUEST	TRANSID	4	DIF	No	Local transaction ID			72
TSYSTEM	CHAR	INQ	WORKREQUEST	TARGETSYS	50	DIF	No	Address of target CICS system			92
TSYSTYPE	CVDAS	INQ	WORKREQUEST	TSYSTYPE	4	LIKE	No	Format of the Target system address		E640 E650	168
TSYSTYPE Output valid values	<ul style="list-style-type: none"> <li>• APPLID</li> <li>• IPV4</li> <li>• IPV6</li> <li>• NOTAPPLIC</li> </ul>										
WORKTYPE	CVDAS	INQ	WORKREQUEST	WORKTYPE	4	LIKE	No	Type of work being performed	IIOP		152
WORKTYPE Input/output valid values	<ul style="list-style-type: none"> <li>• IIOP</li> <li>• SOAP</li> </ul>										

## Chapter 465. XMLTRANS Resource Table

A CICS resource that provides information about transformations between XML and application data.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### INQUIRE

Inquire about an XMLTRANSFORM resource. The resource must be installed in the CICS region.

### External resource name(CMCI)

CICSXmltransform

### Object type

CICS Resource

### Length

688

### Usage

API, WUI, CICS Management Client Interface(CMCI), EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Copybook identifier

EYUt0196

### CICS Commands subject to CICS Security

INQUIRE XMLTRANSFORM

Table 1133. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

Table 1134. XMLTRANS resource table attributes											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Offset
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			0
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			8
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			12
NAME-1	CHAR	INQ	XMLTRANSFO RM	XMLTRANSFO RM	32	DIF F	No	Name			16
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0		128

Table 1134. XMLTRANS resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
BUNDLE	CHAR	INQ	XMLTRANSFORM	BUNDLE	8	DIF	No	Bundle name			56
CCSID	BINARY	INQ	XMLTRANSFORM	CCSID	4	LIKE	No	Coded character set ID		E640 E650	52
CHANGEAGENT	CVDAS	INQ	XMLTRANSFORM	CHANGEAGENT	4	LIKE	No	Last modification agent			64
CHANGEAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• CSDAPI</li> <li>• CSDBATCH</li> <li>• DREPAPI</li> <li>• OVERRIDE</li> <li>• DYNAMIC</li> <li>• CREATESPI</li> <li>• NOTAPPLIC</li> </ul>										
CHANGEAGREL	CHAR	INQ	XMLTRANSFORM	CHANGEAGREL	4	DIF	No	Last modification agent release			68
CHANGETIME	DATETIME	INQ	XMLTRANSFORM	CHANGETIME	8	MAX	No	Last modification time			112
CHANGEUSRID	CHAR	INQ	XMLTRANSFORM	CHANGEUSRID	8	DIF	No	Last modification user ID			72
DEFINESOURCE	CHAR	INQ	XMLTRANSFORM	DEFINESOURCE	8	DIF	No	Source of the resource definition			80
DEFINETIME	DATETIME	INQ	XMLTRANSFORM	DEFINETIME	8	MAX	No	Creation time			104
ENABLESTATUS	CVDAS	CPSM	XMLTRANSFORM	ENABLESTATUS	4	LIKE	No	Enabled status			48
ENABLESTATUS Input/ output valid values	<ul style="list-style-type: none"> <li>• ENABLED</li> <li>• DISABLED</li> </ul>										
ENABLESTATUS Output valid values	<ul style="list-style-type: none"> <li>• ENABLING</li> <li>• DISABLING</li> </ul>										
INSTALLAGENT	CVDAS	INQ	XMLTRANSFORM	INSTALLAGENT	4	LIKE	No	Installation agent			88
INSTALLAGENT Input/ output valid values	<ul style="list-style-type: none"> <li>• BUNDLE</li> <li>• DYNAMIC</li> </ul>										
INSTALLTIME	DATETIME	INQ	XMLTRANSFORM	INSTALLTIME	8	MAX	No	Installation time			120
INSTALLUSRID	CHAR	INQ	XMLTRANSFORM	INSTALLUSRID	8	DIF	No	Installation user ID			92
MAPPINGLEVEL	CHAR	INQ	XMLTRANSFORM	MAPPINGLEVEL	8	MAX	No	Mapping level			656
MAPPINGRNUM	BINARY	INQ	XMLTRANSFORM	MAPPINGRNUM	4	MAX	No	Mapping release number			652
MAPPINGVNUM	BINARY	INQ	XMLTRANSFORM	MAPPINGVNUM	4	MAX	No	Mapping version number			648
MINRUNLEVEL	CHAR	INQ	XMLTRANSFORM	MINRUNLEVEL	8	MAX	No	Minimum runtime level			664
MINRUNRNUM	BINARY	INQ	XMLTRANSFORM	MINRUNRNUM	4	MAX	No	Minimum runtime release number			676
MINRUNVNUM	BINARY	INQ	XMLTRANSFORM	MINRUNVNUM	4	MAX	No	Minimum runtime version number			672
USECOUNT	BINARY	STAT	DFHMLRDS	MLR_XMLTRNFM_USE_COUNT	4	MAX	No	Use count			680



Table 1134. XMLTRANS resource table attributes (continued)											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Offset
VALIDATIONST	CVDAS	INQ	XMLTRANSFORM	VALIDATIONST	4	LIKE	Yes	Validation status			132
VALIDATIONST Input/output valid values	<ul style="list-style-type: none"> <li>• VALIDATION</li> <li>• NOVALIDATION</li> </ul>										
XMLSCHEMA	CHAR	INQ	XMLTRANSFORM	XMLSCHEMA	255	MAX	No	XML schema			391
XSDBIND	CHAR	INQ	XMLTRANSFORM	XSDBIND	255	MAX	No	XSD binding			136



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