CICS Transaction Server for z/OS



CICSPlex SM Operations Views Reference

Version 5 Release 4

CICS Transaction Server for z/OS



CICSPlex SM Operations Views Reference

Version 5 Release 4

Note
Before using this information and the product it supports, read the information in "Notices" on page 383.

This edition applies to the IBM CICS Transaction Server for z/OS Version 5 Release 4 (product number 5655-Y04) and to all subsequent releases and modifications until otherwise indicated in new editions.

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About this PDF

This PDF is a reference of the CICSPlex SM WUI views that can be used to monitor and control multiple CICS systems.

The WUI views consist of a set of *operations views* used to control CICS® resources, a largely matching set of *monitor views* used to monitor resources, and sets of *definition views* used to manage CICSPlex® SM definitions while they are active in a CICSplex. The monitor view commands are described in this PDF. The operations view commands are described in *CICSPlex SM Operations Views Reference*. The CICSPlex SM definitions are described in:

- *CICSPlex SM Managing Workloads*
- *CICSPlex SM Managing Resource Use*
- *CICSPlex SM Managing Business Applications*

WUI views are named EYUSTART*object*, where *object* is the name of the managed resource. Guidance on using the CICSPlex SM WUI is provided in the *CICSPlex SM Web User Interface Guide*. The views used to define the CMAS configuration and topology of a CICSPlex SM environment are described in *CICSPlex SM Administration*.

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. Administering CICSPlex SM operations

CICSPlex SM operations views describe those Web User Interface (WUI) views that support day-to-day operation and management of the CICS resources in an enterprise.

It is intended for CICS operators who are responsible for running CICS-supplied transactions, such as the CICS Master Terminal Transaction (CEMT), to manage CICS resources.

The CICSPlex SM views mirror the functionality currently provided for CICS systems. In other words, operators can work in essentially the same way as they do now without any change in their basic approach to daily system activities. The greatest benefit of the CICSPlex SM views, however, is that they can be used to control the operation of multiple CICS systems and their resources from a single session, as if they were a single CICS system.

Controlling CICS resources

The CICSPlex SM operations views provide a single-system image of all the CICS resources in a CICSplex.

You can use the operations views to perform the following tasks:

- Enable and disable resources
- Open and close resources
- Acquire and release resources
- Place resources in or out of service
- Purge tasks associated with a resource
- Discard resource definitions from the CICS system where they are installed
- Change various resource attributes
- Shut down a CICS system

Availability for CICS releases

Some views, action commands, or fields are not available for all of the supported CICS releases. If a view is not available for all supported CICS releases, the **Availability** section of the view set description identifies the CICS releases for which the view set is generally available. The online help for views, actions, and fields also provides availability information. When you display a view and your CICSplex includes systems running a release of CICS for which that view is not available, those systems are not included in the view.

Example operations tasks

Step-by-step examples of some typical operations tasks help you to use the WUI operations views more effectively.

For any operations task, you must be aware of the scope, that is, of the CICS systems, with which you are working: if the scope is a single CICS system, any data you retrieve from CICSPlex SM relates to that single system; if the scope is a group of CICS systems, the data relates to all of the systems in the group; if the

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scope is a CICSplex, the data relates to every system in that CICSplex. For all of these examples, the initial scope is CICSplex PLXPROD1.

Finding out how many tasks are associated with a transaction

This example shows how to find out how many tasks are associated with a transaction from the Sale example application in CICSplex PLXPROD1.

Prerequisite: To follow the example, the Sale example application needs to be installed in the CICS systems. See The Sale example application for more details. Enter transaction PAY1 at one or more terminals of the CICS systems being used.

This example assumes that you are interested to find out how many tasks are associated with transaction PAY1 throughout the CICSplex PLXPROD1

1. If the current context isn't PLXPROD1, on the main menu, set the **Context field** to PLXPROD1.
2. From the main menu, click **Active tasks** to display the **Active tasks** tabular view (TASK object), which shows all the active tasks for CICSplex PLXPROD1.
3. Type `PAY1` into the **Transaction** field and click **Refresh**. The **Active tasks** tabular view is redisplayed, showing only those tasks associated with transaction ID PAY1. A message at the top and bottom of the display tells you how many tasks are active and the number of pages.
4. Click the Summarize icon at the top of the **Task ID** column. The **Active tasks** tabular view is redisplayed showing the summarized task data. The record count field gives the number of tasks associated with PAY1 throughout the CICSplex.

Identifying the tasks associated with a transaction

In this example, you'll see how to identify the tasks associated with an instance of a transaction from the Sale example application in CICSplex PLXPROD1.

Prerequisite: To follow the example, the Sale example application needs to be installed in the CICS systems. See The Sale example application for more details. Enter transaction PAY1 at one or more terminals of the CICS systems being used.

1. If the current context isn't PLXPROD1, on the main menu, type PLXPROD1 into the **Context** field and click **Refresh**.
2. From the main menu, click **Active tasks**. The **Active tasks** tabular view, showing the status of all tasks in the current scope, is displayed.
3. Assume that you are interested in transaction PAY1 in CICS system CICSPA01. Type these values into the **Transaction** and **Scope** fields and click **Refresh**.
4. Click the **Task ID** to display the **Active tasks** detailed view.
5. Scroll down the display to the **Local unit of work (UOW) ID** field, and note or copy its value. An example value could be one similar to 8286F48104090001.
6. From the main menu, click **CICS operations views** > **Unit of Work (UOW) operations views** > **Unit of work**. The **Unit of work** tabular view is displayed.
7. Type or paste the UOW ID into the **Local unit of work (UOW) ID** field and click **Refresh**. You can summarize the **Unit of work** tabular view by clicking the **Summarize** icon at the top of the **Local unit of work (UOW) ID** column, but as this view typically covers a large number of pages, it is quicker to use the **Local unit of work (UOW) ID** field.

Note that if monitoring is inactive in a CICS system, the network Unit of Work ID is not available.

Relating a set of tasks to a user ID

In this example, you'll see how to identify the tasks associated with particular user ID.

1. If the current context isn't PLXPROD1, on the main menu, type PLXPROD1 into the **Context** field and click **Refresh**.
2. From the main menu, click **Active tasks**. The **Active tasks** tabular view, showing the status of all tasks in the current scope, is displayed.
3. To summarize the list of tasks by User ID, click the Summarize icon at the top of the **User ID** column. The **Active tasks** tabular view, showing the TASK data summarized by user ID, is displayed. The **Record count** column tells you how many tasks are associated with each user ID.
4. To display a list of tasks associated with a single user ID, click on record count for the user. The **Active tasks** tabular view is redisplayed showing just the tasks associated with that user.

Checking the status of a terminal

This example shows some of the ways in which you can check the status of a terminal.

To display information about all the terminals in the current context:

- From the main menu, set the **Context** field to PLZPROD1 and click **Refresh**, if necessary.
- Click **Terminals** to display the **Terminals** tabular view (TERMNL object).
- Type the terminal ID into the **Terminal ID** and click **Refresh**. The **Terminals** tabular view is redisplayed showing the status of each terminal for each CICS system it is logged on to: if a terminal is logged on to three CICS systems, it will have three entries in the **Terminals** tabular view.
- If you don't know the terminal ID, but are interested in terminals related to a particular user ID, click the Summarize icon at the top of the **User ID** column. Click the **Record count** field to redisplay the **Terminals** tabular view showing the terminals associated with a particular user.

Checking the status of a communications link

This example shows how you can check the status of a communications link.

1. If the current context isn't PLXPROD1, from the main menu type PLXPROD1 into the **Context** field and click **Refresh**.
2. From the main menu, click **ISC/MRO connections**. This view shows all the connections in the current scope.
3. Use the **Connection ID** and **Net Name** fields to refine the display.
4. To display details of a single connection, click the **Connection ID** field to display the detailed view.

Finding out which CICS systems a file is available to

This example shows how to identify the CICS systems that are able to use a particular file.

1. If the current context isn't PLXPROD1, from the main menu type PLXPROD1 into the **Context** field and click **Refresh**.

2. To display a list of local files, from the main menu, click **Local files**. The **Local files** tabular view (LOCFILE object) is displayed.
3. Refine the display using the **File ID**, **Enablement status** and **Open status** fields. Note that you do not have to use a specific file name; you can use generic names with wild card characters, for example PAY* to display all files that have PAY as the first three characters of their names.

Correlating local and remote file names

In this example, you'll see how to relate the name by which a particular file is known in a local CICS system to the name by which it is known in a remote CICS system.

1. If the current context isn't PLXPROD1, from the main menu, type PLXPROD1 into the **Context** field and click **Refresh**.
2. To display a list of remote file definitions, from the main menu, click **Remote files**. The **Remote files** tabular display (REMFILE object) is displayed.

   You can learn several things from this **Remote files** view:

   - You can see the number of remote-file definitions installed in CICSplex PLXPROD1, the names by which these files are known, for example PAYFILER, and the systems in which the remote file definitions are installed, for example CICSPA01 and CICSPAY02.
   - The **Remote file names** field contains the name by which the files are known in the CICS systems in which these are *local* files; for example, both files are known as PAYFILE1.
   - The name of the connection, for example AF01, between the CICS systems in which these files are known as local files. (This latter value is referred to as the "remote system name", but in fact it is a connection ID.)
3. Use connection name AF01 to find out the name of the remote CICS system.
   - From the main menu, click **ISC and MRO connections** to display the **Connections** tabular view.
   - If necessary, you can refine the data displayed by typing AF01 into the **Connection ID** field and clicking **Refresh**.
   - Note the remote system name for the connection, for example CICSAF01, which is given in the **Net name** field.
4. The next step is to look at all local files called PAYFILE1 in the remote CICS system.
   - Change the scope, so that any data you get back from CICSPlex SM relates only to CICSAF01. To do this, from the main menu, type CICSAF01 into the **Scope** field and click **Refresh**.
   - From the main menu, click **Local files**.
   - On the **Local files** tabular view, type PAYFILE1 into the **File ID** field and click **Refresh**.
   - The **Local files** tabular view is redisplayed showing PAYFILE1 in CICS system CICSAF01.

Finding out which data set a program came from in a specified CICS system

This example shows how to identify the data set from which a particular instance of a program originated.

This example shows how to identify the data set from which a particular instance of a program originated.

1. If the current context isn't PLXPROD1, from the main menu, type PLXPROD1 into the **Context** field and click **Refresh**.
2. To display detailed information about a program in a specified CICS system, from the main menu, click **CICS operations views > Programs operations views**.
3. From the Programs tabular view, type the program name PRGPAYR1 into the **Program name** field and CICS system name CICSPA01 into the **Scope** field. Click **Refresh**.
4. Click the **Program name** field for PRGPAYR1 to display the **Programs** detailed view. The **Programs** detailed view is displayed, showing the LIBRARY name and the load data set name for CICSPA01

Finding out why a CICSPlex SM event occurred

This example shows you how to investigate what caused a real-time analysis event notification RTDPAY01 to be issued.

1. If the current context isn't PLXPROD1, change the **Context field** on the main menu to PLXPROD1 and click **Set**.
2. From the main menu, click **Real Time Analysis (RTA) outstanding events** to display the **RTA outstanding events** tabular view.
3. This view will show you that the CONNSTATUS value of the connection has triggered the event and that its current value is RELEASED. This might tell you all you need to know. If it doesn't, you can investigate further as described in the remaining steps of this example.
4. Look at the associated evaluation definition. To access this:
   - From the main menu, click **Administration views > RTA analysis point monitoring > Evaluations** to display the **Evaluation definitions** tabular view.
   - Click the**Name** field of the entry you are interested in to display **Evaluation definitions** detailed view.

     From this view, you can see that event RTDPAY01 is triggered when the value of the **CONNSTATUS** field in the CONNECT resource table is not ACQUIRED. (The **Field being evaluated** field is CONNSTATUS, the **Evaluation logical operator** field is NE (meaning “not equal to”); and the **Evaluation data value** field is ACQUIRED).
5. Next, you could look at the **ISC/MRO connections** view (CONNECT object):
   - From the main menu, click **ISC/MRO connections** to display the **ISC/MRO connections** tabular view.
   - If necessary, change the **Scope** field to CICSPT01 and click **Refresh**.
   - The**ISC/MRO connections** tabular view displays a list of connections for CICS system CICSPT01

Disabling a transaction in a single CICS system

This example shows you how to disable transaction PAY1 in CICS system CICSPA01. (CICSPA01 is in the CICSplex PLXPROD1, which is the current scope.) There are two ways of doing this.

For example, you can:

1. List all local transactions. From the main menu, click **Local or dynamic transactions**. The **Local or dynamic transactions** tabular view (LOCTRAN object), showing all local transactions in the current scope (PLXPROD1), is displayed.

2. To refine the display, type CICSPA01 in the **Scope** field, PAY1 in the **Transaction ID** field, and ENABLED in the **Enabled status** field. Click **Refresh**.
3. Click the Record check box beside the transaction and click the **Disable...** button.
4. The **Disable** view is displayed. Click **Yes**. The **Local or dynamic transactions** tabular view is redisplayed, showing the status of the transaction instance as DISABLED.

or you can:

1. List all local transactions. From the main menu, click **Local or dynamic transactions**. The **Local or dynamic transactions** tabular view (LOCTRAN object), showing all local transactions in the current scope (PLXPROD1), is displayed.
2. To refine the display, type CICSPA01 in the **Scope** field, PAY1 in the **Transaction ID** field, and ENABLED in the **Enabled status** field. Click **Refresh**.
3. Click the **Transaction ID** field for PAY1 to display the **Local or dynamic transactions** detailed view.
4. Use the drop-down menu to change the value of the **Enabled status** field to DISABLED. Click the **Apply changes** button. The **Local or dynamic transactions** tabular view is redisplayed showing a DISABLED status for transaction PAY1.

Disabling a transaction globally

This example shows how to disable a single transaction throughout a scope.

1. If the current context isn't PLXPROD1, on the main menu, type PLXPROD1 into the **Context** field and click **Refresh**.
2. From the main menu, click **Local and dynamic transactions**. The **Local and dynamic transactions** tabular view is displayed.
3. Type PAY1 in the **Transaction ID** field and click **Refresh**. The **Local and dynamic transactions** tabular view is redisplayed showing the instances of transaction PAY1.
4. Summarize the list of transaction instances. Click the Summarize icon at the top of the **Transaction ID** column. The **Local and dynamic transactions** tabular view is redisplayed showing one line for transaction PAY1 with a **Record count** field giving the number of instances of the transaction PAY1 in the current scope.
5. To disable every occurrence of transaction PAY1 represented in this summary line, click the Record check box and click the **Disable...** button. The **Disable** view is displayed.
6. Click the **Yes to *n* remaining** button, where *n* is the number of instances of the transaction. The **Local and dynamic transactions** tabular view is redisplayed, showing the summary line with the **Enabled status** field set to DISABLED.

   Note: You can disable each transaction individually by clicking the **Yes** button, but this is inefficient unless there is a good reason.

Finding out which resources are being monitored in a CICS system

This example shows how to find out which types of resource are being monitored in CICS system CICSPA01.

1. From the main menu, click **Monitoring views** > **Active monitor specifications**.

2. If the current context is not PLXPROD1, specify PLXPROD1 in the **Context** field.
3. In the **Scope** field, type in CICSPA01 and click **Refresh**.

   The Active monitor specifications tabular view now displays the active monitor definitions in CICS system CICSPA01.

For a more complete description of the Active monitor specifications view, see Default monitor definitions.

Deactivating a workload definition

This example describes how to use the Web User Interface (WUI) to deactivate the workload definition WLDPAY02.

1. Display active workload definitions:
   - From the main menu, click **Active workload views > Definitions**. This opens the **Active workload definitions** view.

     If the current context is not PLXPROD1, specify PLXPROD1 in the **Context** field and click **Refresh**.
   - In the **Active workload definitions** view, type WLSPAY01 and click **Refresh**. The active workload definitions associated with workload specification WLSPAY01 are listed.
2. Discard workload definition WLDPAY02:
   a. Select the entry for WLDPAY02, and click the **Discard...** button. This opens the **Discard** confirmation view.
   b. Click **Yes** to confirm the action.

Be aware that, when you deactivate an active workload definition, you also deactivate any transaction groups associated with it if they aren't referenced by another workload definition in the same workload.

Discarding an active transaction from a workload

This example shows you how to discard an active transaction PAY2 from a workload EYUWLS02.

1. If the current context isn't PLXPROD1, on the main menu, type PLXPROD1 into the **Context** field.
2. From the main menu, click **Active workload views > Dynamic transactions**. The **Active workload dynamic transaction** tabular view (WLMATRAN object) is displayed.
3. If necessary, you can refine the display using the **Workload name**, **System ID of workload owner**, and **Transaction** fields.
4. To discard transaction PAY2, click the record check box beside the entry and click the **Force...** button. The **Force** confirmation view is displayed.
5. Click the **Yes** button to confirm the action. The **Active workload dynamic transaction** tabular view is redispayed, minus the entry for PAY2.

Chapter 2. CICS operations views

The supplied operations views present information in a layered approach, employing multiple views to present all the information for a given resource. The names assigned to the views reflect this layered approach.

The supplied Web User Interface (WUI) views are named **EYUSTART***object***.***viewtype*, where *object* is the name of the managed resource, and *viewtype* indicates the type of view such as tabular, detailed, set, and so on.

Views are grouped into view sets. A view set includes all of the views associated with an object.

Typically a view set consists of a tabular view, one or more detailed views and a number of confirmation and input views depending on the actions that can be performed on the object.

The top-level view in a view set is a tabular view displaying general information about multiple CICS resources or CICSPlex SM definitions. Tabular views

Linked to the tabular view there may be one or more *detailed views.* These views present detailed information about a single resource within the CICSplex.

Each action that can be performed on a view has an associated confirmation screen. Confirmation screens are named **EYUSTART***object***.***action*. Basic confirmation screens, that is screens that only allow you to proceed or back out of an action, are not listed in the view descriptions.

Application operations views

The Application operations views display information about CICS Applications being managed by CICSPlex SM.

Bundle - BUNDLE

The **Bundle** (BUNDLE) views display information about CICS bundles. A Bundle is a directory hierarchy that contains a collection of CICS resources, artifacts, references and a manifest that you can deploy into a CICS region to represent an application.

Supplied views

To access from the main menu, click:

CICS operations views > **Application operations views** > **Bundle**

Table 1. Views in the supplied **Bundle** *(BUNDLE) view set*

View	Notes
Bundle EYUSTARTBUNDLE.DETAILED	Detailed information about the selected Bundle.
Bundle EYUSTARTBUNDLE.DETAILED1	Detailed information about the Bundle resource signature.

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Table 1. Views in the supplied **Bundle** *(BUNDLE) view set (continued)*

View	Notes
Bundle EYUSTARTBUNDLE.TABULAR	Tabular information about Bundle.

Actions

None.

Fields

Table 2. Fields in BUNDLE views

Field	Attribute name	Description
Availability status	AVAILSTATUS	Returns the availability status of the BUNDLE. • AVAILABLE - All entry points in the BUNDLE resource are available. • UNAVAILABLE - No entry points in the BUNDLE resource are available. • SOMEAVAIL - Some entry points in the BUNDLE resource are available. • NONE - The BUNDLE does not contain any entry points.
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
BASESCOPE	BASESCOPE	Specifies the 1 - 255 character universal resource identifier (URI) that defines the root namespace where the contents of the bundle are created. Use a scope value when you want to logically group different bundles together.
Name of the BUNDLE directory on zFS	BUNDLEDIR	Specifies the 1 to 255 character fully-qualified name of the BUNDLE directory on zFS
Bundle ID	BUNDLEID	The ID of the bundle.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
Enabled count	ENABLEDCOUNT	The current number of dynamically created resources and resource modifiers in the bundle that are enabled in the CICS region.

Table 2. Fields in BUNDLE views (continued)

Field	Attribute name	Description
Status	ENABLESTATUS	Returns the status of BUNDLE. • ENABLED - The BUNDLE is ready for use. • DISABLED - The BUNDLE is not available. • ENABLING - The BUNDLE is being initialized. It is creating and enabling the resources that are defined in the bundle's manifest file. • DISABLING - The BUNDLE is quiescing before entering DISABLED state. It disables any resources it enabled. • DISCARDING - A DISCARD command has been issued for the BUNDLE. The BUNDLE is quiescing before being discarded. The Bundle discards any resources that it disabled.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • GRPLIST - The resource was installed by GRPLIST INSTALL. • CLOUD - The resource was installed by a Management Part.
Installation time	INSTALLTIME	The local date and time when the definition was installed
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Major Version	MAJORVERSION	The major version of the bundle.
Management part Id	MGMTPART	The Id of the management part that created this bundle, if applicable.
Micro Version	MICROVERSION	The micro version of the bundle.
Minor Version	MINORVERSION	The minor version of the bundle.
Name	NAME	Specifies the name of this BUNDLE. The name can be up to eight characters in length.
Part count	PARTCOUNT	The total number of imports, exports, definitions, entry points and policy scope statements that are defined in the bundle manifest.
Target count	TARGETCOUNT	The target number of dynamically created resources and resource modifiers in the bundle. CICS automatically enables the BUNDLE resource when all of the dynamically created resources and modifiers are in an enabled state.

Event binding - EVNTBIND

The **Event binding** (EVNTBIND) views display information about a specified event binding.

Supplied views

To access from the main menu, click:

CICS operations views > **Application operations views** > **Event binding**

Table 3. Views in the supplied **Event binding** *(EVNTBIND) view set*

View	Notes
Event binding EYUSTARTEVNTBIND.DETAILED	Detailed information about the selected Event Binding.
Event binding EYUSTARTEVNTBIND.DETAILED1	Detailed information about the event binding resource signature.

Table 3. Views in the supplied **Event binding** *(EVNTBIND) view set (continued)*

View	Notes
Event binding EYUSTARTEVNTBIND.DISABLE	Disable an event binding. When disabled, the eventbinding and its associated resources are not available to CICS.
Event binding EYUSTARTEVNTBIND.DISCARD	Removes this event binding definition. The event binding must be disabled before it can be discarded.
Event binding EYUSTARTEVNTBIND.ENABLE	Enable an event binding. When enabled, the event binding and its associated resources are available to CICS.
Event binding EYUSTARTEVNTBIND.SET	Set attribute according to values specified in input fields
Event binding EYUSTARTEVNTBIND.TABULAR	Tabular information about event binding.

Actions

Table 4. Actions available for EVNTBIND views

Action	Description
DISABLE	Disable an event binding. When disabled, the eventbinding and its associated resources are not available to CICS.
DISCARD	Removes this event binding definition. The event binding must be disabled before it can be discarded.
ENABLE	Enable an event binding. When enabled, the event binding and its associated resources are available to CICS.
SET	Set attribute according to values specified in input fields

Fields

Table 5. Fields in EVNTBIND views

Field	Attribute name	Description
Bundle name	BUNDLE	Name of the bundle from which the event binding is installed.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.

Table 5. Fields in EVNTBIND views (continued)

Field	Attribute name	Description
Enabled status	ENABLESTATUS	Indicates whether the event binding is enabled or not. Values are: • DISABLED – The event binding is not enabled. • ENABLED – The event binding is enabled.
Event processing adapter	EPADAPTER	The Event Processing adapter for this event binding. This field is blank if the Event Binding is using an EPADAPTERSET.
Event processing adapter resource type	EPADAPTERRES	The Event Processing adapter resource type for this event binding.
Event processing adapter set	EPADAPTERSET	The Event Processing adapter set for this event binding. This field is blank if the Event Binding is using an EPADAPTER.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • BUNDLE - The resource was installed by a bundle deployment.
Installation time	INSTALLTIME	The local date and time when the definition was installed
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Name	NAME	Specifies the name of this event binding. The name can be up to 32 characters in length.
User tag	USERTAG	Returns the 8-character user tag of the event binding.

Event capture specification - EVCSPEC

The **Event capture specification** (EVCSPEC) displays information and statistics about a capture specification in an installed EVENTBINDING.

Supplied views

To access from the main menu, click:

CICS operations views > Application operations views > Event capture specification

Table 6. Views in the supplied **Event capture specification** *(EVCSPEC) view set*

View	Notes
Event capture specification EYUSTARTEVCSPEC.DETAILED	Detailed information about the selected event capture specification.
Event capture specification EYUSTARTEVCSPEC.TABULAR	Tabular information about event capture specifications.

Actions

None.

Fields

Table 7. Fields in EVCSPEC views

Field	Attribute name	Description
Capture point	CAPTUREPOINT	Specifies a 25-character data area to receive the capture point associated with the capture specification. Its contents will match one of the capture point entries in the event binding tooling. Capture point entries consisting of two words or more are separated with an underscore - for example, LINK_PROGRAM or PROGRAM_INITIATION.

Table 7. Fields in EVCSPEC views (continued)

Field	Attribute name	Description
Capture specification name	CAPTURESPEC	The name of this capture specification in the EVENTBINDING. The name can be up to 32 characters in length.
Capture point type	CAPTURETYPE	Specifies a fullword binary data area to receive a CVDA value indentifying the type of capture point. The possible values are as follows: • PRECOMMAND – Capture point is at the start of a CICS API command. • POSTCOMMAND – Capture point is on completion of a CICS API command. • PROGRAMINIT – Capture point is at the program initiation. • SYSTEM – Capture point is a system event.
Current program filter value	CURRPGM	Data area to receive the value specified by the application context predicate for the current program name.
Current program filter operator	CURRPGMOP	Operator that is used together with the value in CURRENT when evaluating the application context predicate on the current program name. The available CVDA values are as follows: • ALLVALUES – The predicate always evaluates true, i.e no filtering based on the name of the current program name is performed. • DOESNOTEQUAL – Predicate evaluates true if the name of the current program is not equal to the value of CURRPGM. • DOESNOTSTART – Predicate evaluates true if the name of the current program does not start with the value of CURRPGM. • EQUALS – Predicate evaluates true if the name of the current program is equal to the value of CURRPGM. • GREATERTHAN – Predicate evaluates true if the name of the current program is greater than the value of CURRPGM. • ISNOTGREATER – Predicate evaluates true if the name of the current program is equal to or less than the value of CURRPGM. • ISNOTLESS – Predicate evaluates true if the name of the current program is equal to or greater than the value of CURRPGM. • LESSTHAN – Predicate evaluates true if the name of the current program is less than the value of CURRPGM. • STARTSWITH – Predicate evaluates true if the name of the current program starts with the value of CURRPGM.
Current transaction ID filter value	CURRTRANID	Data area to receive the value specified by the application context predicate for the current transaction name.

Table 7. Fields in EVCSPEC views (continued)

Field	Attribute name	Description
Current transaction ID filter operator	CURRTRANIDOP	Operator that is used together with the value in CURRTRANID when evaluating the application context predicate on the current transaction name. The available CVDA values are as follows: • ALLVALUES – The predicate always evaluates true, i.e. no filtering based on the name of the current transaction is performed. • DOESNOTEQUAL – Predicate evaluates true if the name of the currently executing transaction is not equal to the value of CURRTRANID. • DOESNOTSTART – Predicate evaluates true if the name of the currently executing transaction does not start with the value of CURRTRANID. • EQUALS – Predicate evaluates true if the name of the currently executing transaction is equal to the value of CURRTRANID. • GREATERTHAN – Predicate evaluates true if the name of the currently executing transaction is greater than the value of CURRTRANID. • ISNOTGREATER – Predicate evaluates true if the name of the currently executing transaction is equal to or less than the value of CURRTRANID. • ISNOTLESS – Predicate evaluates true if the name of the currently executing transaction is equal to or greater than the value of CURRTRANID. • LESSTHAN – Predicate evaluates true if the name of the currently executing transaction is less than the value of CURRRTRANID. • STARTSWITH – Predicate evaluates true if the name of the currently executing transaction starts with the value of CURRTRANID.
Current user ID filter value	CURRUSERID	Data area for the user id associated with the current transaction.
Current user ID filter operator	CURRUSERIDOP	Operator that is used together with the value in CURRUSERID when evaluating the application context predicate on the user id. The available CVDA values are as follows: • ALLVALUES – The predicate always evaluates true, i.e no filtering based on the name of the current user id is performed. • DOESNOTEQUAL – Predicate evaluates true if the user id of the current user is not equal to the value of CURRUSERID. • DOESNOTSTART – Predicate evaluates true if the user id of the current user does not start with the value of CURRUSERID. • EQUALS – Predicate evaluates true if the user id of the current user is equal to the value of CURRUSERID. • GREATERTHAN – Predicate evaluates true if the user id of the current user is greater than the value of CURRUSERID. • ISNOTGREATER – Predicate evaluates true if the user id of the current user is equal to or less than the value of CURRUSERID. • ISNOTLESS – Predicate evaluates true if the user id of the current user is equal to or greater than the value of CURRUSERID. • LESSTHAN – Predicate evaluates true if the user id of the current user is less than the value of CURRUSERID. • STARTSWITH – Predicate evaluates true if the user id of the current user starts with the value of CURRUSERID.

Table 7. Fields in EVCSPEC views (continued)

Field	Attribute name	Description
Event binding name	EVENTBINDING	Specifies the name (1-32 characters) of the associated event binding.
Event name	EVENTNAME	Specifies a 32-character data area to receive the associated business event name.
Capture failures	EVNTCAPFAIL	The number of capture failures recorded by capture specification.
Events captured	EVNTCAPTURED	The number of events captured
Data predicate count	NUMDATAPRED	The number of data predicates related to this capture specification.
Information source count	NUMINFOSRCE	The number of infomation sources related to this capture specification.
Option predicate count	NUMOPTPRED	The number of option predicates related to this capture specification.
Primary predicate filter value	PRIMPRED	Data area for the primary predicate for the capture specification.
Primary predicate filter operator	PRIMPREDOP	Operator that is used together with the value in PRIMPRED when evaluating the primary predicate. The available CVDA values are as follows: • ALLVALUES – The predicate always evaluates true, i.e no filtering based on the name of the commands resource name is performed. • DOESNOTEQUAL – Predicate evaluates true if the resource specified by the EXEC CICS command is not equal to the value of PRIMPRED. • DOESNOTSTART – Predicate evaluates true if the resource specified by the EXEC CICS command does not start with the value of PRIMPRED. • EQUALS – Predicate evaluates true if the resource specified by the EXEC CICS command equals the value of PRIMPRED. • GREATERTHAN – Predicate evaluates true if the resource specified by the EXEC CICS command is greater than the value of PRIMPRED. • ISNOTGREATER – Predicate evaluates if the resource specified bythe EXEC CICS command is equal to or less than the value of PRIMPRED. • ISNOTLESS – Predicate evaluates true if the resource specified by the EXEC CICS command is equal to or greater than the value of PRIMPRED. • LESSTHAN – Predicate evaluates true if the resource specified by the EXEC CICS command is less than the value of PRIMPRED. • STARTSWITH – Predicate evaluates true if the resource specified by the EXEC CICS command starts with the value of PRIMPRED.

Table 7. Fields in EVCSPEC views (continued)

Field	Attribute name	Description
Primary predicate type	PRIMPREDTYPE	The type of primary predicate for this capture specification. The available CVDA values are as follows: • CONTAINER – The primary predicate is a CICS container. • CURRENTPGM – The primary predicate is the current program name. • EVENT – The primary predicate is a CICS event. • FILE – The primary predicate is a CICS FILE. • MAP – The primary predicate is a CICS BMS map. • MESSAGEID – The primary predicate is a CICS or CPSM message identifier. • NONE – The capture specification has no primary predicate. • PROGRAM – The primary predicate is a CICS program name. • SERVICE – The primary predicate is a CICS service or a WEBSERVICE resource. • TDQUEUE – The primary predicate is a CICS transient data queue. • TRANCLASS – The primary predicate is a CICS transaction class name. • TRANSACTION – The primary predicate is a CICS transaction identifier. • TSQUEUE – The primary predicate is a CICS temporary storage queue.

Event Capture Specification Data Predicate - EVCSDATA

The **Event capture specification data predicate** (EVCSDATA) displays information about data predicates related to a capture specification in an installed EVENTBINDING.

Supplied views

To access from the main menu, click:

CICS operations views > **Application operations views** > **Event Capture Specification Data Predicate**

Table 8. Views in the supplied **Event Capture Specification Data Predicate** *(EVCSDATA) view set*

View	Notes
Event Capture Specification Data Predicate EYUSTARTEVCSDATA.TABULAR	Tabular information about event capture specification data predicates.

Actions

None.

Fields

Table 9. Fields in EVCSDATA views

Field	Attribute name	Description
Capture specification name	CAPTURESPEC	Specifies the name of the associated capture specification. The name can be up to 32 characters in length.
Container name	CONTAINER	Specifies a data area to receive the name of the container which contains the data if the LOCATION equals CHANNEL or FROMCHANNEL.
Event binding name	EVENTBINDING	Specifies the name of the associated event binding. The name can be up to 32 characters in length.
Field length	FIELDLENGTH	Specifies the length of data to be tested for this predicate.
The data offset within the data source	FIELDOFFSET	Specifies the data offset within the data source this predicate is found at.
Language structure file name	FILENAME	Specifies a data area to receive the first 32 characters of the name of the file which contains the imported language structure used to define this predicate.
Application data predicate value	FILTERVALUE	Specifies a 255-character data area to receive the value of the Application Data predicate. Non-character predicates are converted to their character representation.
Location of the data	LOCATION	Specifies a data area to receive the location of data to be tested.
Comparative operator for this predicate	OPERATOR	Returns a CVDA that defines the operator that is used together with the value in the FILTERVALUE option when evaluating the predicate. The available CVDA values are as follows: • DOESNOTEQUAL – This predicate evaluates true if the value of the data item defined by LOCATION, FIELDOFFSET and FIELDLENGTH does not equal FILTERVALUE. • DOESNOTEXIST – This data predicate evaluates true if the data source identified by LOCATION does not exist. • DOESNOTSTART – The predicate evaluates true if the value of the data item defined by LOCATION, FIELDOFFSET and FIELDLENGTH does not start with FILTERVALUE. • EQUALS – The predicate evaluates true f the value of the data item defined by LOCATION, FIELDOFFSET and FIELDLENGTH equals FILTERVALUE. • EXISTS – This data predicate evaluates true if the data source identified by LOCATION exists. • GREATERTHAN – The predicate evaluates true if the value of the data item defined by LOCATION, FIELDOFFSET and FIELDLENGTH is greater than FILTERVALUE. • ISNOTGREATER – The predicate evaluates true if the value of the data item defined by LOCATION, FIELDOFFSET and FIELDLENGTH is equal to or less than FILTERVALUE. • ISNOTLESS – The predicate evaluates true if the value of the data item defined by LOCATION, FIELDOFFSET and FIELDLENGTH is equal to or greater than FILTERVALUE. • LESSTHAN – The predicate evaluates true if the value of the data item defined by LOCATION, FIELDOFFSET and FIELDLENGTH is less than FILTERVALUE. • STARTSWITH – The predicate evaluates true if the value of the data item defined by LOCATION, FIELDOFFSET and FIELDLENGTH starts with FILTERVALUE.

Table 9. Fields in EVCSDATA views (continued)

Field	Attribute name	Description
Browse sequence number	SEQNUMBER	This number identifies the order in which the predicate resource was returned when using the EXEC CICS INQUIRE NEXT interface.
Language structure name	STRUCTNAME	Specifies a data area to receive the first 32 characters of the name of the imported language structure used to define this predicate.
Language structure variable name	VARIABLENAME	Specifies a data area to receive the first 32 characters of the name of the variable in the imported language structure.

Event capture specification information sources - EVCSINFO

The **Event capture specification information sources** (EVCSINFO) displays information about information sources related to a capture specification in an installed EVENTBINDING.

Supplied views

To access from the main menu, click:

CICS operations views > Application operations views > Event capture specification information sources

Table 10. Views in the supplied **Event capture specification information sources** *(EVCSINFO) view set*

View	Notes
Event capture specification information sources EYUSTARTEVCSINFO.DETAILED	Detailed information about Event Capture Specification Data Predicates.
Event capture specification information sources EYUSTARTEVCSINFO.TABULAR	Tabular information about event capture specification information sources.

Actions

None.

Fields

Table 11. Fields in EVCSINFO views

Field	Attribute name	Description
Capture specification name	CAPTURESPEC	Specifies the name of the associated capture specification. The name can be up to 32 characters in length.
Container name	CONTAINER	Specifies a data area to receive the name of the container which contains the data if the LOCATION equals CHANNEL or FROMCHANNEL.
Event binding name	EVENTBINDING	Specifies the name of the associated event binding. The name can be up to 32 characters in length.
Field length	FIELDLENGTH	Specifies the length of data to be tested by this predicate.
The data offset within the data source	FIELDOFFSET	Specifies the data offset within the data source to be captured.
Language structure file name	FILENAME	Specifies a data area to receive the first 32 characters of the name of the file which contains the imported language structure used to define this information source; all blanks for a system event or when an imported language structure was not used to define an application event.

Table 11. Fields in EVCSINFO views (continued)

Field	Attribute name	Description
Emitted business information name	ITEMNAME	Specifies a data area to receive the value of the emitted business information name.
Location of the data	LOCATION	Specifies a data area to receive the location of the data to be tested.
Browse sequence number	SEQNUMBER	This number identifies the order in which the predicate resource was returned when using the EXEC CICS INQUIRE NEXT interface.
Language structure name	STRUCTNAME	Specifies a data area to recieve the first 32 characters of the name of the imported language structure.
Language structure variable name	VARIABLENAME	Specifies a data area to recieve the first 32 characters of the name of the variable in the language structure name.

Event capture specification option predicates - EVCSOPT

The **Event capture specification option predicates** (EVCSOPT) views display information about option predicates related to a capture specification in an installed EVENTBINDING.

Supplied views

To access from the main menu, click:

CICS operations views > **Application operations views** > **Event capture specification option predicates**

Table 12. Views in the supplied **Event capture specification option predicates** *(EVCSOPT) view set*

View	Notes
Event capture specification option predicates EYUSTARTEVCSOPT.TABULAR	Tabular information about event capture specification option predicates.

Actions

None.

Fields

Table 13. Fields in EVCSOPT views

Field	Attribute name	Description
Capture specification name	CAPTURESPEC	Specifies the name of the associated capture specification. The name can be up to 32 characters in length.
Event binding name	EVENTBINDING	Specifies the name of this event binding. The name can be up to 32 characters in length.
Filter value	FILTERVALUE	Specifies a 255-character data area to receive the value of the application command option or system event option. Values shorter than 255 characters are padded with blanks.

Table 13. Fields in EVCSOPT views (continued)

Field	Attribute name	Description
Comparative operator for this predicate	OPERATOR	Returns a CVDA that defines the operator that is used together with the value in the FILTERVALUE option when evaluating the predicate. The available CVDA values are as follows: • DOESNOTEQUAL – The predicate evaluates true if the value of the option OPTIONNAME does not equal FILTERVALUE. • DOESNOTEXIST – The predicate evaluates true if the option OPTIONNAME is not specified on the EXEC CICS command. • DOESNOTSTART – The predicate evaluates true if the value of the option OPTIONNAME does not start with FILTERVALUE. • EQUALS – The predicate evaluates true if the value of the option OPTIONNAME equals FILTERVALUE. • EXISTS – The predicate evaluates true if the option OPTIONNAME is specified on the EXEC CICS command. • GOHIGHERTHAN – The predicate evaluates true when the value of the threshold option crosses above the threshold percentage returned in FILTERVALUE. • GOLOWERTHAN – The predicate evaluates true when the value of the threshold option crosses below the threshold percentage returned in FILTERVALUE. • GREATERTHAN – The predicate evaluates true if the value of the option OPTIONNAME is greater than FILTERVALUE. • ISNOTGREATER – The predicate evaluates true if the value of the option OPTIONNAME is equal to or less than FILTERVALUE. • ISNOTLESS – The predicate evaluates true if the value of the option OPTIONNAME is equal to or greater than FILTERVALUE. • LESSTHAN – The predicate evaluates true if the value of the option OPTIONNAME is less than FILTERVALUE. • STARTSWITH – The predicate evaluates true if the value of the option OPTIONNAME starts with FILTERVALUE.
Option name	OPTIONNAME	Specifies a 32-character data area to receive the name of the application command option or system event option that is specified in the event specification. If using the CICS event binding editor, this value matches one of the application options for the capture point for an application event or one of the event options for the capture point for a system event.
Browse sequence number	SEQNUMBER	This number identifies the order in which the predicate resource was returned when using the EXEC CICS INQUIRE NEXT interface.

Event processing - EVNTGBL

The **Event processing** (EVNTGBL) views display statistical information about event processing.

Supplied views

To access from the main menu, click:

CICS operations views > Application operations views > Event processing

Table 14. Views in the supplied **Event processing** *(EVNTGBL) view set*

View	Notes
Event processing EYUSTARTEVNTGBL.DETAILED	Detailed information about event processing.
Event processing EYUSTARTEVNTGBL.DRAIN	Drain event processing.
Event processing EYUSTARTEVNTGBL.START	Start event processing.
Event processing EYUSTARTEVNTGBL.STOP	Stop event processing.
Event processing EYUSTARTEVNTGBL.TABULAR	Tabular information about event processing.

Actions

Table 15. Actions available for EVNTGBL views

Action	Description
DRAIN	Drain event processing.
SET	Set attributes according to values specified in the input fields
START	Start event processing.
STOP	Stop event processing.

Fields

Table 16. Fields in EVNTGBL views

Field	Attribute name	Description
Event processing status	EPSTATUS	Indicates the current status of event processing. Values are: • DRAIN – Event processing is draining • STARTED – Event processing has started • STOPPED – Event processing has stopped.
Commit backward events	EVNTBACKOUT	The number of commit_event backward requests on the EP dispatcher queue.
Capture operations failed	EVNTCAPOPSF	The number of capture operations that did not complete because CICS determined that an event was required but failed to capture it.
Commit forward events	EVNTCOMMIT	The number of commit_event forward requests on the EP dispatcher queue.
Current dispatcher tasks	EVNTCURRDSP	The current number of dispatcher tasks.
Current event capture queue	EVNTCURREVQ	The current number of events on the event capture queue.
Current transactional queue	EVNTCURRTRQ	The current number of events on the transactional queue.
Events to Custom EP adapter	EVNTCUSTAD	The number of events dispatched to the custom EP adapter.
Events with disabled EVENTBINDING	EVNTDISABLE	The number of events that were not captured due to a disabled event binding.
EP domain statistics ID	EVNTDOMSTID	EP domain statistics ID.
Events lost (dispatcher) - config	EVNTDSPFAILC	The number of events captured but not dispatched to an EP adapter because the dispatcher encountered a problem relating to a resource specified in the eventDispatcherPolicy section of the event binding.

Table 16. Fields in EVNTGBL views (continued)

Field	Attribute name	Description
Events lost (dispatcher) - other	EVNTDSPFAILO	The number of events that were captured but not dispatched to an EP adapter because the dispatcher encountered a problem in the CICS environment such as insufficient storage.
Events captured	EVNTFILTCAP	The number of events captured.
Event filtering operations	EVNTFILTOPS	The number of event filtering operations.
Filter operations failed	EVNTFILTOPSF	The number of filtering operations that did not complete because CICS was unable to determine whether an event should have been captured.
Events to HTTP EP adapter	EVNTHTTPCNT	The number of events dispatched to the HTTP EP adapter.
Events lost - adapter unavailable	EVNTLOSTAU	The number of events that were captured but not emitted because the EP adapter was unavailable.
Events lost (adapter) - config	EVNTLOSTCO	The number of events that were captured but not emitted because the EP adapter encountered a problem relating to a resource specified in the eventDispatcherAdapter configuration section of the event binding.
Events lost (adapter) - other	EVNTLOSTOT	The number of events that were captured but not emitted because the EP adapter encountered a problem in the CICS environment such as insufficient storage.
Events to Websphere MQ EP adapter	EVNTMQADAPT	The number of events dispatched to the Websphere MQ EP adapter.
Async normal events	EVNTNORM	The number of normal priority events.
Peak dispatcher tasks	EVNTPEAKDSP	The maximum number of dispatcher tasks.
Peak event capture queue	EVNTPEAKEVQ	The maximum number of events on the event capture queue.
Peak transactional queue	EVNTPEAKTRQ	The maximum number of events on the transactional queue.
Async priority events	EVNTPRIO	The number of high priority events.
Put events	EVNTPUT	The number of put_events on the EP dispatcher queue.
Synchronous events	EVNTSYNCCAP	Synchronous emission events captured.
Synchronous events failed	EVNTSYNCFAIL	Synchronous emission events that could not be emitted.
Total system events captured	EVNTSYSCAP	The count of system events that have been collected.
Events to Tdqueue EP adapter	EVNTTDQSTAT	The number of events dispatched to the Tdqueue EP adapter.
Transactional events	EVNTTRAN	The number of transactional events.
Dispatcher tasks attached	EVNTTRANATT	The number of dispatcher tasks attached.
Transactional events discarded	EVNTTRANDIS	The number of transactional events discarded.
Events to Transaction EP adapter	EVNTTRANSAD	The number of events dispatched to the transaction EP adapter.
Events to Tsqueue EP adapter	EVNTTSQSTAT	The number of events dispatched to the Tsqueue EP adapter.
Highest schema level supported	SCHEMALEVEL	The highest version and release of schema supported. The value is in the form vvrr, where 0201 indicates Version 2 Release 1.

Event processing adapter - EPADAPT

The **Event processing adapter** (EPADAPT) views display information about a specified event processing adapter.

Supplied views

To access from the main menu, click:

CICS operations views > Application operations views > Event processing adapter

Table 17. Views in the supplied **Event processing adapter** *(EPADAPT) view set*

View	Notes
Event processing adapter EYUSTARTEPADAPT.DETAILED	Detailed information about the selected Event Processing Adapter.
Event processing adapter EYUSTARTEPADAPT.DETAILED1	Detailed information about the Event Processing Adapter resource signature.
Event processing adapter EYUSTARTEPADAPT.DISABLE	Disable an event processing adapter. When disabled, the event processing adapter and its associated resources are not available to CICS.
Event processing adapter EYUSTARTEPADAPT.ENABLE	Enable an event processing adapter. When enabled, the event processing adapter and its associated resources are available to CICS.
Event processing adapter EYUSTARTEPADAPT.SET	Set attribute according to values specified in input fields.
Event processing adapter EYUSTARTEPADAPT.TABULAR	Tabular information about event processing adapter.

Actions

Table 18. Actions available for EPADAPT views

Action	Description
DISABLE	Disable an event processing adapter. When disabled, the event processing adapter and its associated resources are not available to CICS.
ENABLE	Enable an event processing adapter. When enabled, the event processing adapter and its associated resources are available to CICS.
SET	Set attribute according to values specified in input fields.

Fields

Table 19. Fields in EPADAPT views

Field	Attribute name	Description
Adapter type	ADAPTERTYPE	Indicates the type of the EPADAPTER. Values are: • CUSTOM – A user-written event processing adapter that emits events in any format that you require to any destination. • HTTP – The IBM supplied HTTP event processing adapter that emits events to an HTTP server for consumption by products such as IBM Operational Decision Manager and IBM Business Monitor. • TDQUEUE – The IBM supplied TDQ event processing adapter that emits events to a named CICS TD queue. • TRANSTART – The IBM supplied Transaction Start event processing adapter that emits events to a named CICS transaction. • TSQUEUE – The IBM supplied TSQ event processing adapter that emits events to a named CICS TS queue. • IBM MQ – The IBM supplied IBM MQ event processing adapter that emits events to an IBM MQ Queue for consumption by products such as IBM Operational Decision Manager and IBM Business Monitor.
Authority	AUTHORITY	Indicates the Authority of the event processing adapter. Values are: • CONTEXT – The event processing adapter runs using the user ID of the task that caused the event to be captured. This is always the case when EMITMODE is SYNCHRONOUS or when 'Use Context User ID' is specified for the event processing adapter. • REGION – The event processing adapter runs using the CICS region user ID. • USERID – The event processing adapter is attached using the identifier specified in the event processing adapter 'User ID' and returned in the AUTHUSERID attribute. • DEFAULT – The EP adapter runs using the CICS default user ID.
Authority user ID	AUTHUSERID	The 8-character user identifier to be used to start the event processing adapter transaction. This attribute is only set if AUTHORITY is USERID.
Bundle name	BUNDLE	Name of the bundle from which the event processing adapter is installed.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • NOTAPPLIC - This field is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.

Table 19. Fields in EPADAPT views (continued)

Field	Attribute name	Description
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Event processing adapter configuration data	CONFIGDATA1	A 64-character data area containing the primary configuration data item for the event processing adapter. If the primary configuration data item is less than 64 bytes, the field is padded with blanks. The data item returned is dependent upon ADAPTERTYPE, as follows: • CUSTOM – The first 64 bytes of custom event processing adapter configuration data. • HTTP – The 8-character name of the URIMAP definition to be used by an HTTP event processing adapter to locate the HTTP server. • TDQ – The 4-character name of the transient data queue for the event emitted by a TDQ event processing adapter. • TRANSTART – The 4-character name of the event consumer transaction that is started by a Transaction Start event processing adapter. • TSQ – The 16-character name of the temporary storage queue for the event emitted by a TSQ event processing adapter. • IBM MQ – The 48-character name of the IBM MQ queue for event messages emitted by this IBM MQ event processing adapter. This data is in the code page defined by the LOCALCCSID system initialization parameter.
Event format	DATAFORMAT	The format of events emitted by this event processing adapter. Values are: • USER – The format is user-defined. • CBER – Common Base Event REST format for the IBM Business Monitor REST HTTP server. • CBE – Common Base Event format for consumption by products such as IBM Business Monitor. • CCE – CICS Container Event format. • CFE – CICS Flattened Event format. • DSIE – Decision Server Insights Event format. • WBE – WebSphere Business Events XML format.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
Emission mode	EMITMODE	The event emission mode of this event processing adapter. Values are: • ASYNCHRONOUS – Event emission is asynchronous of the capturing transaction. The unit of work for the capturing transaction might complete successfully even when the event is not emitted. • SYNCHRONOUS – Event emission is synchronous with the capturing transaction. The unit of work for the capturing transaction does not complete successfully when the event is not emitted.

Table 19. Fields in EPADAPT views (continued)

Field	Attribute name	Description
Enabled status	ENABLESTATUS	Indicates whether the event processong adapter is enabled or not. Values are: • DISABLED – The event binding is not enabled. • ENABLED – The event binding is enabled.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • BUNDLE - The resource was installed by a bundle deployment.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Invoke type	INVOKETYPE	Indicates how the event processing adapter is invoked. Values are: • ATTACH – The event processing adapter is attached as a separate task. • LINK – The event processing adapter program is linked to.
Name	NAME	Specifies the name of this event processing adapter. The name can be up to 32 characters in length.
Priority	PRIORITY	Indicates the dispatching priority of event emission for this event processing adapter. This attribute is ignored when EMITMODE is SYNCHRONOUS. Values are: • HIGH – Events emitted for this event processing adapter are high priority. • NORMAL – Events emitted for this event processing adapter are normal priority.
Program	PROGRAM	The 8-character name of the event processing adapter program. If the ADAPTERTYPE is CUSTOM, this attribute is only applicable if INVOKETYPE is LINK.
Number of events emitted	PUTEVENTS	The number of events that have been emitted by this event processing Adapter.
Transaction	TRANSACTION	The 4-character name of the transaction definition that is used if the event processing adapter transaction is attached. The TRANSACTION attributes is only applicable if INVOKETYPE is ATTACH.
Transactionality	TRANSMODE	Indicates the event transactionality attribute of this event processing adapter. Values are: • NONTRANS – Events are not transactional. Events can be emitted regardless of whether the unit of work for the capturing transaction completes successfully. • TRANS – Events are transactional. Events can be emitted only when the unit of work for the capturing transaction completes successfully.

XML transform - XMLTRANS

The **XML Transform** (XMLTRANS) views display information about a specified XML transform.

Supplied views

To access from the main menu, click:

CICS operations views > Application operations views > XML transform

Table 20. Views in the supplied **XML transform** *(XMLTRANS) view set*

View	Notes
XML transform EYUSTARTXMLTRANS.DETAILED	Detailed information about the selected XML transform.
XML transform EYUSTARTXMLTRANS.DETAILED1	Detailed information about the XML transform resource signature.
XML transform EYUSTARTXMLTRANS.SET	Set attribute according to values specified in input fields
XML transform EYUSTARTXMLTRANS.TABULAR	Tabular information about XML transform.

Actions

Table 21. Actions available for XMLTRANS views

Action	Description
SET	Set attribute according to values specified in input fields

Fields

Table 22. Fields in XMLTRANS views

Field	Attribute name	Description
BAS resource definition version	BASDEFINEVER	The BAS version number of the bundle definition.
Bundle name	BUNDLE	Name of the bundle from which the XML transform is installed.
Coded character set ID	CCSID	The coded character set identifier (CCSID) that is used to encode the character data in the application data structure at runtime. This value is set using the optional CCSID parameter in the XML assistant when the XML binding file is generated. The CCSID is a value of up to 8 characters.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DYNAMIC - The resource was defined by an ATOMSERVICE resource. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.

Table 22. Fields in XMLTRANS views (continued)

Field	Attribute name	Description
Enabled status	ENABLESTATUS	Returns a CVDA indicating the state of the XML transform. Values are: • DISABLED – The XML transform is not enabled. • DISABLING – The XML transform is in the process of being disabled. It is not available for further use, but inflight activity will be allowed to complete. • ENABLED – The XML transform is enabled. • ENABLING – The XML transform is in the process of being enabled.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • BUNDLE - The resource was installed by a bundle deployment. • DYNAMIC - The resource was installed by an ATOMSERVICE resource.
Installation time	INSTALLTIME	The local date and time when the definition was installed
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Mapping level	MAPPINGLEVEL	The mapping level that was used when the XML binding file was produced.
Mapping release number	MAPPINGRNUM	The release number for the mapping level that was used when the XML binding file was produced. The value of the release number is 0, 1, or 2.
Mapping version number	MAPPINGVNUM	The version number for the mapping level that was used when the XML binding file was produced. The value of the version number is 1, 2, 3 or 4.
Minimum runtime level	MINRUNLEVEL	The minimum runtime level that is required to install the XML transform in CICS.
Minimum runtime release number	MINRUNRNUM	The release number for the minimum runtime level that is required to install the XML transform in CICS.
Minimum runtime version number	MINRUNVNUM	The version number for the minimum runtime level that is required to install the XMLTRANSFORM in CICS.
Name	NAME	Specifies the name of this XML transform. The name can be up to 32 characters in length.
Use count	USECOUNT	Number of times the XML transform has been used.
Validation status	VALIDATIONST	Specifies whether full validation is enabled for the XML transform resource or not. CVDA values are: • VALIDATION – Full validation is enabled. • NOVALIDATION – Full validation is disabled.
XML schema	XMLSCHEMA	The name of the associated XML schema file. The data area is 255 characters long. If the name is less than 255 characters, CICS pads the data area with trailing blanks.
XSD binding	XSDBIND	The name of the XML binding file. The data area is 255 characters long. If the name is less than 255 characters, CICS pads the data area with trailing blanks.

CICS Business Transaction Services (BTS) operations views

The CICS Business Transaction Services (BTS) views show information about BTS processes and activities within the current context and scope.

Process type - PROCTYP

The **Process type** (PROCTYP) views display information about BTS process types and their attributes.

Supplied views

To access from the main menu, click:

CICS operations views > **CICS Business Transaction Services (BTS) operations views** > **Process type**

Table 23. Views in the supplied **Process type** *(PROCTYP) view set*

View	Notes
Process type EYUSTARTPROCTYP.DETAIL1	Detailed information about the resource signature.
Process type EYUSTARTPROCTYP.DETAILED	Detailed information about a selected process type.
Process type EYUSTARTPROCTYP.DISABLE	Change the status of the process type to DISABLED.
Process type EYUSTARTPROCTYP.DISCARD	Discard a process type from the CICS system where it is installed. The Process type must be disabled before it can be discarded.
Process type EYUSTARTPROCTYP.ENABLE	Enable a process type.
Process type EYUSTARTPROCTYP.SET	Open the **Process type Set** view in order to change the attributes of a selected process type.
Process type EYUSTARTPROCTYP.TABULAR	General information about BTS process types and their attributes.

Actions

Table 24. Actions available for PROCTYP views

Action	Description
DISABLE	Change the status of the process type to DISABLED.
DISCARD	Discard a process type from the CICS system where it is installed. The Process type must be disabled before it can be discarded.
ENABLE	Enable a process type.
SET	Open the **Process type Set** view in order to change the attributes of a selected process type.

Fields

Table 25. Fields in PROCTYP views

Field	Attribute name	Description
Audit level	AUDITLEV	The audit level associated with the current definition. Valid values are : • OFF - No audit information is written • FULL - Process and Activity auditing • PROCESS - Process based auditing • ACTIVITY - Activity based auditing

Table 25. Fields in PROCTYP views (continued)

Field	Attribute name	Description
Audit log name	AUDITLOG	The name of the audit log used for this process type.
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
Enable status	ENASTAT	The enabled status for the CICS BTS process type. Valid values are ENABLED or DISABLED.
File name	FILE	The name of the file that this CICS BTS process type uses for storing process status data.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • GRPLIST - The resource was installed by GRPLIST INSTALL.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
BTS process type	NAME	The name of the CICS BTS process type.

CICS region operations views

The CICS region operations views show information about the CICS systems within the current context and scope.

CICS regions - CICSRGN

The **CICS region** (CICSRGN) views display information about CICS systems being managed by CICSPlex SM. When a CICS system is part of an extended recovery facility (XRF) configuration, the information displayed is for the active CICS system in the configuration.

Supplied views

To access from the main menu, click:

CICS operations views > CICS region operations views > CICS regions

Table 26. Views in the supplied **CICS region** *(CICSRGN) view set*

View	Notes
CICS region EYUSTARTCICSRGN.DELETSHIPPED	Delete redundant terminal definitions from the selected CICS system
CICS region EYUSTARTCICSRGN.DETAIL1	Detailed view about trace and dump information for a CICS region.
CICS region EYUSTARTCICSRGN.DETAIL10	Detailed view of TCBs.
CICS region EYUSTARTCICSRGN.DETAIL2	Detailed view about transaction activity for a CICS region.
CICS region EYUSTARTCICSRGN.DETAIL3	Detailed view about autoinstall details for a CICS region.
CICS region EYUSTARTCICSRGN.DETAIL5	Detailed view about communications and connections for a CICS region.
CICS region EYUSTARTCICSRGN.DETAIL6	Detailed view about settings for a CICS region.
CICS region EYUSTARTCICSRGN.DETAIL7	Detailed view about logging and journaling activity for a CICS region.
CICS region EYUSTARTCICSRGN.DETAIL8	Detailed view about system and transaction dumps for a CICS region.
CICS region EYUSTARTCICSRGN.DETAIL9	Detailed view about jobname for a CICS region.
CICS region EYUSTARTCICSRGN.DETAILED	Detailed general information about a selected CICS system.
CICS region EYUSTARTCICSRGN.RESETTIME	Reset internal clock of the selected CICS system.
CICS region EYUSTARTCICSRGN.SECREBUILD	Rebuild the in-storage external security manager (ESM) profiles for a CICS system, provided they reside in local storage. The copies of the profiles that reside in the managing CMAS are also rebuilt. **Note:**This action cannot rebuild ESM profiles that reside in global storage. You must use the facilities provided by your ESM to refresh those profiles.
CICS region EYUSTARTCICSRGN.SET	Change the attributes of a selected CICS region.

Table 26. Views in the supplied **CICS region** *(CICSRGN) view set (continued)*

View	Notes
CICS region EYUSTARTCICSRGN.SHUTDOWN	Shut down a selected CICS system. Specify the type of shutdown, whether or not you want a dump to be taken, whether or not the CICS system should be restarted automatically, and, optionally, the 2-character suffixes of the program list table (PLT) and transaction list table (XLT) to be used. You can also specify a shutdown assist transaction name. This transaction will override the transaction specified in the SDTRAN system initialization parameter. Alternatively, you can select **No shutdown assist transaction** to shut down the CICS system without any transaction.
CICS region EYUSTARTCICSRGN.SNAP	Request a system dump. Specify a 1- to 8-character dump code and, optionally, a 1- to 8-character caller ID and a title of up to 79 characters.
CICS region EYUSTARTCICSRGN.SSLREBUILD	Rebuild the z/OS SSL environment. This will refresh the key ring cache which allows new or revised SSL certificates to be used without performing a CICS restart.
CICS region EYUSTARTCICSRGN.STATISTICS	Request statistical data for the CICS system to a system management facility (SMF) data set. To request statistics for all resources in a CICS system, select the **Collect all statistics** field. To request statistics for selected resources, select one or more individual resource fields. You can also reset the statistics after they have been collected by selecting **Reset statistics counters**.
CICS region EYUSTARTCICSRGN.SWITCH	Set automatic switching for auxiliary trace data sets when full.
CICS region EYUSTARTCICSRGN.TABULAR	Tabular information about CICS systems.
CICS region EYUSTARTCICSRGN.TABULAR1	Tabular information about CICS system and transaction dumps.

Actions

Table 27. Actions available for CICSRGN views

Action	Description
ARMRESTART	Request an MVS CANCEL of the CICS system with an ARM restart. Note that this action will complete 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 in order to issue the MVS CANCEL command successfully. This action is not available in an SMSS.
DELETSHIPPED	Delete redundant terminal definitions from the selected CICS system
RESETTIME	Reset internal clock of the selected CICS system.
SECREBUILD	Rebuild the in-storage external security manager (ESM) profiles for a CICS system, provided they reside in local storage. The copies of the profiles that reside in the managing CMAS are also rebuilt. **Note:**This action cannot rebuild ESM profiles that reside in global storage. You must use the facilities provided by your ESM to refresh those profiles.
SET	Change the attributes of a selected CICS region.

Table 27. Actions available for CICSRGN views (continued)

Action	Description
SHUTDOWN	Shut down a selected CICS system. Specify the type of shutdown, whether or not you want a dump to be taken, whether or not the CICS system should be restarted automatically, and, optionally, the 2-character suffixes of the program list table (PLT) and transaction list table (XLT) to be used. You can also specify a shutdown assist transaction name. This transaction will override the transaction specified in the SDTRAN system initialization parameter. Alternatively, you can select **No shutdown assist transaction** to shut down the CICS system without any transaction.
SNAP	Request a system dump. Specify a 1- to 8-character dump code and, optionally, a 1- to 8-character caller ID and a title of up to 79 characters.
SSLREBUILD	Rebuild the z/OS SSL environment. This will refresh the key ring cache which allows new or revised SSL certificates to be used without performing a CICS restart.
STATISTICS	Request statistical data for the CICS system to a system management facility (SMF) data set. To request statistics for all resources in a CICS system, select the **Collect all statistics** field. To request statistics for selected resources, select one or more individual resource fields. You can also reset the statistics after they have been collected by selecting **Reset statistics counters**.
SWITCH	Set automatic switching for auxiliary trace data sets when full.

Fields

Table 28. Fields in CICSRGN views

Field	Attribute name	Description
Number of currently allocated HP pool TCBs	ACTHPTCBS	The actual number of H8 mode open TCBs currently allocated to user tasks.
Number of currently allocated JVM pool TCBs	ACTJVMTCBS	The actual number of J8 and J9 mode open TCBs currently allocated to user tasks. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
Number of currently allocated Open pool TCBs	ACTOPENTCBS	The total number of L8 and L9 mode open TCBs currently allocated to user tasks.
Number of currently allocated SSL pool TCBs	ACTSSLTCBS	The total number of S8 mode open TCBs currently allocated to user tasks.
Number of currently allocated JVM server thread TCBs	ACTTHRDTCBS	The total number of T8 mode open TCBs currently allocated to the enabled JVM server runtime environments.
Number of currently allocated XPLink pool TCBs	ACTXPTCBS	The total number of X8 and X9 mode open TCBs currently allocated to user tasks.
Number of current autoinstall requests	AINSCREQ	The number of autoinstall requests that are currently being processed.
Maximum number of autoinstall requests	AINSMREQ	The maximum number of autoinstall requests that are allowed to queue at any one time. Input Values: 0 - 999
Autoinstall program name	AINSPROG	The name of the program that controls the autoinstall process for this system. Input Values: Any valid program name
Autoinstall enabled status	AINSSTAT	The status of the autoinstall process (ENABLED or DISABLED).

Table 28. Fields in CICSRGN views (continued)

Field	Attribute name	Description
Activity keypoint (AKP) frequency	AKP	The activity keypoint (AKP) trigger value, which is the number of logging operations between the taking of keypoints. Input Values: 50 - 65535 This field is not modifiable when it contains a value of N/A, which means the activity keypoint facility is not active in the CICS system.
Maximum number of active tasks	AMAXTASKS	The maximum number of active tasks allowed in the system at one time. Input Values: 2 - 999
VTAM application ID	APPLID	The VTAM application ID of this CICS system.
Auxiliary trace status	AUXSTATUS	The status of auxiliary tracing in this CICS system. Input Values: AUXSTART, AUXSTOP, AUXPAUSE
Number of BMS 3270 validation errors abended	BMSVALABCNT	The total number of times invalid 3270 data was received on a BMS command, where the validation URM chose to abend the task.
BMS 3270 validation	BMSVALIDATE	Whether BMS 3270 validation is enabled.
Number of BMS 3270 validation errors ignored	BMSVALIGCNT	The total number of times invalid 3270 data was received on a BMS command, which the validation URM chose to ignore.
Number of BMS 3270 validation errors logged	BMSVALLGCNT	The total number of times invalid 3270 data was received on a BMS command, which the validation URM chose to log.
CICS status	CICSSTATUS	The current status of this CICS system: • STARTUP - CICS is starting up but is not yet fully active. Programs in the program list table for program initiation (PLTPI) are run during startup. • FIRSTINIT - CICS is in the first stage of initialization. • SECONDINIT - CICS is in the second stage of initialization. This stage corresponds to the period when first phase PLTPI programs are run; that is those programs in a PLT that are defined before the DFHDELIM statement. • THIRDINIT - CICS is in the third stage of initialization. This stage corresponds to the period when second phase PLTPI programs are run; that is those programs in a PLT that are defined after the DFHDELIM statement. • INITCOMPLETE - CICS initialization is complete. • ACTIVE - CICS is fully active. • FIRSTQUIESCE - CICS is in the first quiesce stage of shutdown. Programs in the first stage of the program list table for shutdown (PLTSD) are run during this stage. • FINALQUIESCE - CICS is in the final quiesce stage of shutdown. Programs in the second stage of the PLTSD are run during this stage. • CONTROLSHUT - CICS is in the process of a normal shutdown with a warm keypoint. • SHUTDOWN - CICS is in the process of an immediate shutdown. • CANCELLED - CICS is in the process of an uncontrolled shutdown.
CICS operating system ID	CICSSYS	The CICS operating system identification code.
Command protection status	CMDPROTECT	Indicates whether command protection, which validates the starting addresses passed from CICS commands, is active: • CMDPROT - Command protection is active. • NOCMDPROT - Command protection is not active.
Cold start status	COLDSTATUS	The system's cold start state (COLD, INITIAL, or NOTAPPLIC).

Table 28. Fields in CICSRGN views (continued)

Field	Attribute name	Description
Autoinstall console status	CONSOLES	Indicates whether CICS is to autoinstall an MVS console when it receives an MVS MODIFY command from a console that is not currently defined. Input values: NOAUTO, FULLAUTO, PROGAUTO
Separate conversational task performance records	CONVERSEST	Indicates whether conversational tasks have separate performance class records produced for each pair of terminal I/O requests. Input Values: CONVERSE, NOCONVERSE
Total CPU time used	CPUTIME	The amount of CPU time, in seconds, used by this CICS since startup.
CICS Transaction Server level	CTSLEVEL	The level of the CICS Transaction Server that this CICS system is running.
Current number of active user transactions	CURACTVUSRTR	The number of user transactions currently active in the transaction class.
Current auxiliary trace dataset	CURAUXDS	Identifies the current auxiliary trace data set (A or B).
Current number of queued user transactions	CURQUEDUSRTR	The number of user transactions queued and waiting for entry into the transaction class.
Time currently queued transactions waiting	CURQUETIME	The amount of time that currently queued transactions have spent waiting for this transaction class.
Current number of user tasks eligible for dispatch	CURRAMAX	The current number of user tasks that are eligible for dispatching.
Current dump data set	CURRENTDDS	Indicates which of the dump data sets is active (A or B).
Current number of tasks	CURRTASKS	The current number of active user tasks in the system. The number shown may exceed the current value of MAXTASKS because the count includes tasks that are unable to start because the MAXTASKS limit or the MAXIMUM limit of a transaction class has been reached.
Number of MVS task control blocks (TCBs)	CUTCBCNT	The number of MVS task control blocks (TCB) attached by CICS in this region.
Dump data set open status	DDSOSTAT	Indicates whether the active CICS dump data set is open or closed. Input Values: OPEN, CLOSED, SWITCH
Dump data set switch type	DDSSSTAT	Indicates whether there is to be an automatic switch to the inactive dump data set when the active dump data set becomes full. Input Values: SWITCHNEXT, NOSWITCH
Debugging profiles status	DEBUGTOOL	Indicates whether or not debugging profiles are used to select the programs that will run under the control of a debugging tool. The following debugging tools use debugging profiles: • Debug Tool, for compiled language application programs (programs written in COBOL, PL/I, C, C++ and Assembler) • Remote debugging tools (for compiled language application programs and Java™ programs) Other debugging mechanisms, such as the CICS Execution Diagnostic Facility (CEDF) do not use debugging profiles.
Default remote system	DFLTREMSYS	The default remote system for this CICS system.
Default user ID	DFLTUSER	The default user ID associated with the CICS system.
Minimum terminal idle-time before deletion	DSIDLE	The minimum time that an inactive shipped terminal definition must remain installed in this region. When the CICS timeout delete mechanism is invoked, only those shipped definitions that have been inactive for longer than this time are deleted.

Table 28. Fields in CICSRGN views (continued)

Field	Attribute name	Description
Idle terminal check interval	DSINTERVAL	The interval between invocations of the CICS timeout delete mechanism. The timeout delete mechanism removes any shipped terminal definitions that have not been used for longer than the time displayed by the IDLE option.
Distributed routing program	DSRTPROGRAM	The name of the program controlling the distributed routing of transactions in this system.
Dynamic routing program name	DTRPROGRAM	The name of the program controlling the dynamic routing of transactions in this system. Input Values: Any valid program name
Statistics end-of-day time	ENDOFDAY	The end-of-day time for recording CICS statistics. At end-of-day, the statistics counters are written out to an SMF data set and the counters are reset. The end-of-day time is expressed as a local time. Input Values: 00:00:00 - 23:59:59
SYSEVENT monitoring status	EVENTCLASS	Indicates whether the sysevent class of CICS monitoring data is being collected. Input Values: EVENT, NOEVENT
Exception class monitoring status	EXCEPTCLASS	Indicates whether the execption class of CICS monitoring data is being collected. Input Values: EXCEPT, NOEXCEPT
Exit wait time	EXITTIME	The maximum interval, in milliseconds, for which CICS gives control to the operating system if no transactions are ready to execute. Input Values: 100 - 3600000
External security status	EXTSEC	Indicates whether an external security manager (ESM) is active in this system.
Force quasi-reentrancy	FORCEQR	Specifies whether you want to force all user application programs specified as CONCURRENCY(THREADSAFE) to run under the CICS QR TCB, as if they were specified as CONCURRENCY(QUASIRENT) programs. This allows you, in a test environment, to run incompletely tested threadsafe application programs that have proved to be non-threadsafe. FORCEQR applies to all programs defined as threadsafe that are not invoked as task-related user exits, global user exits, or user-replaceable modules. • FORCE - All user programs defined as threadsafe are to be forced to run under the CICS QR TCB, as if they were specified as CONCURRENCY(QUASIRENT) programs. • NOFORCE - CICS is to honor the CONCURRENCY(THREADSAFE) attribute defined on program resource definitions, and allows user application programs to run on an open TCB to avoid unnecesary TCB switching.
Performance record interval	FREQUENCY	The interval for which CICS automatically produces a transaction performance class record for any long-running transaction. Input Values: 0, 00:15:00 - 24:00:00
Web domain garbage collection interval	GARBAGEINT	The interval, in minutes, at which the web garbage collection task runs to clean up Web 3270 state data for which the terminal timeout interval has expired. Input Values: 1 - 6000
Good morning message length	GMMLENGTH	The length of the good morning message that appears when a user signs on to native CICS.

Table 28. Fields in CICSRGN views (continued)

Field	Attribute name	Description
Good morning message	GMMTEXT	The text of the good morning message that appears when a user signs on to native CICS.
Good morning transaction ID	GMMTRANID	The 4-character identifier of the CICS good morning transaction.
CICS registered generic name	GRNAME	The Generic Resource group name under which this CICS region requests registration to VTAM.
Generic resource registration status	GRSTATUS	The status of VTAM Generic Resource registration. If you set the status to DEREGISTERED you may also need to end affinities. See the CICS Intercommunication Guide for further information. • DEREGERROR - Deregistration was attempted but was unsuccessful, and there has been no attempt to reregister. • DEREGISTERED - Deregistration was successfully accomplished. • NOTAPPLIC - CICS is not using the generic resource feature; GRNAME is not set or is set to blanks. • REGERROR - Registration was attempted but was unsuccessful, and there has been no attempt to deregister. • REGISTERED - Registration was successful and there has been no attempt to deregister. • UNAVAILABLE - VTAM does not support the generic resource function. • UNREGISTERED - CICS is using the generic resource function but no attempt, as yet, has been made to register.
Generalized Tracing Facility (GTF) trace status	GTFSTATUS	The status of CICS tracing to the MVS Generalized Tracing Facility (GTF). Input Values: GTFSTART, GTFSTOP
Identity class status	IDNTYCLASS	Indicates whether the identity class of monitoring data is to be recorded when monitoring is active. Values are: • NOIDNTY - Identity data is not to be recorded. • IDNTY - Identity data is to be recorded.
Initial dump data set	INITIALDDS	Indicates which of the dump data sets is to be used during the next CICS initialization. A value of X means whichever dump data set (A or B) was not in use the last time CICS shut down (either normally or abnormally) is to be opened first. Input Values: A, B, X
Initialization status	INITSTATUS	The initialization status of the CICS system: • INITCOMPLETE - Initialization is complete. • SECONDINIT - Second stage of CICS initialization. • THIRDINIT - Third stage of CICS initialization.
Statistics recording interval	INTERVAL	The interval during which the CICS statistics counters are incremented. At the end of each interval, the accumulated statistics are recorded and the counters are reset. Input Values: 00:01:00 - 24:00:00
Internal trace status	INTSTATUS	The status of internal tracing in this CICS system. Input Values: INTSTART, INTSTOP
Transactions run since last CICS statistics reset	INTVTRANS	The number of tasks run since the last CICS statistics reset.
Interregion communication (IRC) status	IRCSTAT	The status of interregion communication (IRC) in the system. Input Values: OPEN, CLOSED, IMMCLOSE
MVS job ID	JOBID	The MVS job ID of this CICS system.
MVS job name	JOBNAME	The MVS job name of this CICS system.
Last statistics reset time	LASTRESET	The last time CICS statistics were reset. This is expressed as local time.

Table 28. Fields in CICSRGN views (continued)

Field	Attribute name	Description
LIBRARY search order updates	LDGLBSOU	The number of LIBRARY search order updates.
LIBRARY search order update time	LDGLSORT	The amount of time spent updating the LIBRARY search order.
Load requests waited due to search order update	LDGLWSOU	The number of waits for a program load due to LIBRARY search order updates.
Number of times maximum suspended tasks reached	LOADHWMC	The number of times the maximum number of suspended tasks was reached.
Peak number of tasks waiting for load requests	LOADHWMW	The maximum number of tasks suspended and waiting for loader domain requests to be satisfied at any one time.
Number of programs on not-in-use queue	LOADPNIU	The number of programs on the not-in-use (NIU) queue.
Number of load requests	LOADREQS	The number of times the loader has issued an MVS LOAD request to load programs from the DFHRPL library concatenation, or a dynamic program LIBRARY, into CICS-managed storage.
Number of reclaims from not-in-use queue	LOADRNIU	The number of reclaims CICS has made from the Not-in-Use (NIU) queue. Reclaims occur when a request is issued for programs currently in the NIU queue.
Total loading time	LOADTIME	The time taken for all library load requests.
Total time to remove not-in-use programs	LOADTNIU	The total amount of time spent waiting on those transactions that were queued in the transaction class.
Total load waiting time	LOADWAIT	The total amount of time suspended tasks spent waiting for loader domain requests to be satisfied.
Number of tasks waiting for load requests	LOADWCNT	The total number of tasks that have been suspended and forced to wait for loader domain requests to be satisfied.
Number of LUs currently logged on	LUCURR	The number of logical users currently logged on.
Highest number of LUs logged on at any one time	LUHWM	The highest number of logical users logged on at any one time.
Maximum number of HP pool TCBs	MAXHPTCBS	The maximum number of H8 mode open TCBs that CICS is allowed to attach and maintain in its pool of H8 mode TCBs.
Maximum number of JVM pool TCBs	MAXJVMTCBS	The maximum number of J8 and J9 mode open TCBs that CICS is allowed to attach and maintain in its pool of J8 mode TCBs. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
Maximum number of Open pool TCBs	MAXOPENTCBS	The maximum number of L8 and L9 mode open TCBs that can exist concurrently in the CICS region. In CICS Transaction Server 5.1, the value is set by CICS and is not alterable.
Maximum number of SSL pool TCBs	MAXSSLTCBS	The maximum number of S8 mode open TCBs that can exist concurrently in the CICS region.
Maximum number of active and suspended tasks	MAXTASKS	The maximum number of tasks, both active and suspended, allowed in the system at one time. Input Values: 1 - 999 (CICS TS version 4.2 and earlier) or 10 - 2000 (CICS TS version 5.1 onwards) CICSPlex SM uses a minimum of 6 tasks and may use as many as 16, depending on: • How much resource monitoring is active • How many real-time analysis status definitions (STATDEFs) are active Make sure the value in this field is high enough to accommodate all possible CICSPlex SM activity at your enterprise.

Table 28. Fields in CICSRGN views (continued)

Field	Attribute name	Description
Maximum number of JVM server thread TCBs.	MAXTHRDTCBS	The maximum number of T8 mode open TCBs that CICS is allowed to attach and maintain in its pool of T8 mode TCBs. It is the sum of the maximum number of threads for each JVMSERVER, up to a limit of 2000. For each JVMSERVER the value of threadlimit+1 is taken.
Number of times MAXTASK limit reached	MAXTRCNT	The number of times the MAXTASK limit has been reached.
Maximum number of XPLink pool TCBs	MAXXPTCBS	The maximum number of X8 and X9 mode open TCBs that can exist concurrently in the CICS region. In CICS Transaction Server 5.1 this value is set by CICS and it is not alterable.
Maximum amount of above the bar storage	MEMLIMIT	Maximum amount of above the bar storage that CICS can use. A value of 'N/A' means there is no limit to the amount of storage above the bar that CICS can use.
Time zone for performance class records	MONRPTTIME	The time stamp format for performance class records as either Greenwich mean time (GMT) or local time (LOCAL).
Monitor status	MONSTAT	The status of CICS monitoring in the system. Input Values: ON, OFF
Number of MRO requests to be batched	MROBATCH	The number of MRO requests from connected systems that are to be batched before this system is posted. Input Values: 1 - 255
MVS system ID	MVSSYSID	The SMF ID of the MVS system where this CICS is running.
MVS system name	MVSSYSNAME	The name of the MVS system where this CICS is running.
Next statistics recording time	NEXTTIME	The time at which CICS statistics are next recorded and reset. This time is either the expiration of the current interval or the end-of-day time, whichever is earlier. This is expressed as local time.
Operating system release	OPREL	The operating system release that the CICS system is running under.
Operating system	OPSYS	The name of the operating system that the CICS system is running under.
OS/390 level	OSLEVEL	The level of the OS/390 operating system running on the machine where this CICS system is running. If you are running a CICS that has this field available and a level of MVS earlier than OS/390, blanks are displayed in this field.
Number of page-in requests	PAGEIN	The number of page-in requests made by this CICS since startup.
Number of page-out requests	PAGEOUT	The number of page-out requests made by this CICS since startup.
Peak number of user tasks eligible for dispatch	PEAKAMAX	The highest number of user tasks concurrently eligible for dispatching at any one time.
Peak number of tasks in system	PEAKTASKS	The highest number of tasks concurrently in the system at any one time.
Peak number of active user transaction	PEKACTVUSRTR	The highest number of active user transactions in the transaction class at any one time.
Peak number of queued user transactions	PEKQUEDUSRTR	The highest number of queued user transactions in the transaction class at any one time.
Performance class monitoring status	PERFCLASS	Indicates whether the performance class of CICS monitoring data is being collected. Input Values: PERF, NOPERF
Last reset time	PLASTRESET	The last reset time expressed in local time.
Number of programs removed by compression	PRGMRCMP	The number of program instances removed from storage by the Dynamic Program Storage Compression (DPSC) facility.
Number of program uses	PRGMUCNT	The number of uses of any program by this CICS system.

Table 28. Fields in CICSRGN views (continued)

Field	Attribute name	Description
Number of waiting loader requests	PRGMWAIT	The current number of tasks that are suspended while waiting for loader domain requests to be satisfied.
Number of program autoinstall attempts	PROGAUTOATTM	The number of program autoinstall attempts.
Autoinstalled-program catalog type	PROGAUTOCTLG	Indicates whether autoinstalled program definitions should be cataloged. Input Values: CTLGALL CTLGMODIFY, CTLGNONE
Autoinstall program exit name	PROGAUTOEXIT	The name of the user-provided program that is called by the program autoinstall code to select or modify a model definition. The default name is DFHPGADX.
Number of failed program autoinstall attempts	PROGAUTOFAIL	The number of program autoinstall requests that have failed.
Status of autoinstall for programs	PROGAUTOINST	Indicates whether or not autoinstall is active for programs. Input Values: AUTOACTIVE, AUTOINACTIVE
Number of times autoinstall prog request rejected	PROGAUTOXREJ	The number of times autoinstall program request were rejected.
Number of persistent sessions already unbound	PRSSERRORCNT	The total number of persistent sessions that were already unbound when CICS tried to restore them.
Number of CICS persistent-session inquiries	PRSSINQCNT	The total number of times CICS issued an INQUIRE OPTCD=PERSESS.
Number of VTAM sessions that persisted	PRSSNIBCNT	The total number of VTAM sessions that persisted.
Number of persistent sessions successfully restored	PRSSOPNCNT	The total number of persistent sessions that were successfully restored.
Number of persistent sessions that were terminated	PRSSUNBNDCNT	The number of persistent sessions that were terminated.
Priority aging value	PRTYAGING	A factor used internally to relate a task's priority to its wait time. Input Values: 0 - 65535
Persistent session delay interval	PSDINTERVAL	The persistent session delay interval, which determines if, and for how long, sessions are held in recovery-pending state after a CICS failure. Input Values: 00:00:00 - 23:59:59
Persistent session type	PSTYPE	Specifies if CICS is running with VTAM single node persistent sessions (SNPS), multi node persistent sessions, or no persistent sessions (NOPS).
Number of times LIBRARY reopened and load retried	RDEBRBLD	The number of times the loader received an end-of-extent condition during a LOAD, successfully closed and re-opened the DFHRPL or dynamic LIBRARY concatenation and retried the load.
Real storage in use	REALSTG	The number of 1 kilobyte frames of real storage currently in use by this CICS.
Interval statistics recording status	RECORDING	Controls the recording of interval and unsolicited statistics. End-of-day and requested statistics are always recorded, regardless of this value. Input Values: ON, OFF
Reentrant program protection status	REENTPROTECT	Indicates whether storage for reentrant programs (the RDSA and ERDSA) is in key 0 or CICS key. MVS key 0 storage is write protected from programs running in CICS key or user key; programs in CICS key storage are protected only from those running in user key when CICS key and user key are different (that is, when storage protection is active): • REENTPROT - Read-only DSAs are in key 0 storage. • NOREENTPROT - Read-only DSAs are in CICS-key storage.

Table 28. Fields in CICSRGN views (continued)

Field	Attribute name	Description
Region user ID	REGIONUSERID	The user ID the CICS region is running under.
CICS Release	RELEASE	The CICS release of the displayed CICS system.
Record level sharing (RLS) status	RLSSTATUS	Indicates whether the VSAM record level sharing (RLS) facility is active for this CICS system: • RLSACTIVE - CICS has registered with an SMSVSAM server and RLS is currently active. • RLSINACTIVE - CICS has registered with an SMSVSAM server, but RLS is currently not active because of an SMSVSAM server failure. • NOTAPPLIC - The CICS system does not support VSAM RLS because it was started with RLS=NO specified.
Resource recovery management service (RRMS) status	RRMSSTAT	Indicates the status of the MVS resource recovery management services as reported by this CICS region, for this MVS image
Runaway time interval	RUNAWAY	The amount of time, in milliseconds, that any task can have control of the processor before it is considered to be in a runaway condition. Input Values: 0, 250 - 2700000
Terminal scan delay time	SCANDELAY	The maximum number of milliseconds between a user task making a terminal I/O request and the CICS terminal control task being dispatched to process the request. Input Values: 0 - 5000
Number of system dumps suppressed	SDMPSUPP	The number of system dumps requested by CICS or a user that were suppressed by a user exit, the dump table, or a global system dump suppression.
Number of system dumps taken	SDMPTOTL	The number of system dumps taken by the whole system since the last CICS end-of-day statistics reset. This number does not include suppressed dumps.
Shutdown transaction	SDTRAN	The name of the transaction to be run at the beginning of a normal or immediate shutdown.
Shutdown status	SHUTSTATUS	The shutdown status of the CICS system: • CONTROLSHUT - Normal shutdown with a warm keypoint. • NOTAPPLIC - CICS not in shutdown mode. • SHUTDOWN - Immediate shutdown in progress.
Single task trace status	SINGLESTATUS	The status of the flag that controls user tracing from the issuing task. Input Values: SINGLEON, SINGLEOFF
Number of I/O requests	SIOREQ	The number of start I/O (SIO) requests made by this CICS since startup.
Short on storage status above the bar	SOSABOVEBAR	Indicates whether there is a short on storage condition: • NOTSOS - CICS is not short on storage above the bar. • SOS - CICS is short on storage above the bar.
Short on storage status above the line	SOSABOVELINE	Indicates whether there is a short on storage condition: • NOTSOS - CICS is not short on storage above the line. • SOS - CICS is short on storage above the line.
Short on storage status below the line	SOSBELOWLINE	Indicates whether there is a short on storage condition: • NOTSOS - CICS is not short on storage below the line. • SOS - CICS is short on storage below the line.

Table 28. Fields in CICSRGN views (continued)

Field	Attribute name	Description
Short on storage status below the bar	SOSSTATUS	Indicates whether there is a short on storage condition: • NOTSOS - CICS is not short on storage in any of the dynamic storage areas. • SOS - CICS is short on storage in at least one of the dynamic storage areas above and below 16MB. • SOSABOVE - CICS is short on storage in at least one of the dynamic storage areas above 16MB • SOSBELOW - CICS is short on storage in at least one of the dynamic storage areas below 16MB. **Note:** This field does not apply to above the bar storage.
Startup type	STARTUP	The system's startup state (COLDSTART, WARMSTART, EMERGENCY, or LOGTERM).
Date on which CICS started	STARTUPDATE	The date on which this run of CICS was started. The date is expressed in local time.
Storage protection status	STGPROT	Indicates whether storage protection is active in this system.
CICS start time	STRTTIME	The time at which the dispatcher started, which can be considered the approximate time at which this run of CICS started. This is expressed as local time.
Subsystem ID used on SYSEVENT class records	SUBSYSTEMID	The name used as the subsystem identification in the MVS workload activity reports. The subsystem identification defaults to the first 4 characters of the VTAM generic APPLID. This is obsolete from CICS TS Version 3 Release 2.
Value set by the SUBTSKS system initialization parameter	SUBTASKS	The value set by the SUBTSKS system initialization parameter, which can be either 0 or 1.
Auxiliary trace data set switch type	SWITCHSTATUS	Controls whether automatic data set switching occurs when the current auxiliary trace data set becomes full. Input Values: SWITCHNEXT, SWITCHALL, NOSWITCH
Performance record at syncpoint	SYNCPOINTST	Indicates whether performance records are written at a syncpoint. Values: SYNCPOINT, NOSYNCPOINT
System dump status	SYSDUMP	Indicates whether the taking of CICS system dumps is globally suppressed. Input Values: SYSDUMP, NOSYSDUMP
CICS system ID	SYSID	The system ID of this CICS system.
System trace status	SYSTEMSTATUS	The status of the system master trace flag. Input Values: SYSTEMON, SYSTEMOFF
Internal trace table size	TABLESIZE	The size of the internal trace table in kilobytes. Input Values: 16 - 1048576
CICS VTAM exit trace status	TCEXITSTATUS	The status of tracing for CICS-VTAM exits. Input Values: TCEXITALL, TCEXITSYSTEM, TCEXITNONE, TCEXITALLOFF
TCP/IP status	TCPIP	The status of CICS internal sockets support (TCP/IP). Input Values: OPEN, CLOSED, IMMCLOSE
Number of transaction dumps suppressed	TDMPSUPP	The number of transaction dumps requested by CICS or a user that were suppressed by a user exit or the dump table.
Number of transaction dumps taken	TDMPTOTL	The number of transaction dumps taken by the whole system since the last CICS end-of-day statistics reset. This number does not include suppressed dumps.

Table 28. Fields in CICSRGN views (continued)

Field	Attribute name	Description
Web domain terminal timeout interval	TIMEOUTINT	The period of time, in minutes, after which inactive Web 3270 sessions are eligible for garbage collection. Input Values: 1 - 60
Total number of active user transactions	TOTACTVUSRTR	The total number of active user transactions in this transaction class.
Total number of queued user transactions	TOTDELYUSRTR	The total number of queued user transactions in this transaction class.
Total number of tasks	TOTLTASKS	The number of tasks that have run in the system since the beginning of the CICS run.
Total time queued transactions waited	TOTQUETIME	The total amount of time that queued transactions spent waiting for this transaction class.
Transaction isolation status	TRANISOLATE	Indicates whether the task chose to isolate itself from all the user key programs of other transactions defined using the ISOLATE feature.
User trace status	USERSTATUS	The status of the user master trace flag. Input Values: USERON, USEROFF
Number of times VTAM ACB dynamically opened	VTMACBDOPE	The number of times the VTAM access control block (ACB) was opened through the control terminal. If VTAM is started before CICS and stays active for the whole CICS run, this value will be zero.
Number of times RPL maximum value was reached	VTMRPLMAX	The number of times the maximum RPL posted value was reached.
Maximum number of VTAM RPLs posted	VTMRPLPOST	The maximum number of receive-any request parameter lists (RPLs) that were posted by VTAM on any one dispatch of terminal control.
Number of times VTAM had short-on-storage status	VTMSOSCNT	The number of times VTAM experienced a temporary short on storage condition.
CICS-VTAM connection status	VTMSTATUS	The status of the connection between CICS and VTAM. Input Values: OPEN, CLOSED, IMMCLOSE, FORCECLOSE
XCF group ID	XCFGROUP	The 8-character name of the cross-system coupling facility (XCF) group of which this region is a member. If this region is not a member of an XCF group (because it has not signed on to IRC) this field contains blanks.
Currently at MXT	XMGATMXT	Whether the CICS region is currently at the specified maximum number of user transactions (MXT).
Time the MAXTASKS limit last reached	XMGLAMXT	The date and time when the number of active user transactions last equalled the specified maximum number of user transactions (MXT).
Time MAXTASKS last changed	XMGLSMXT	The date and time when the maximum number of user transactions (MXT) was last set or changed dynamically.
Time last transaction attached	XMGLTAT	The date and time when the last user transaction was attached.
Extended recovery facility (XRF) status	XRFSTATUS	For systems that are part of an XRF pair, indicates whether the running CICS is PRIMARY or TAKEOVER.

System parameters - SYSPARM

The **System parameter** (SYSPARM) views display information about the system parameters used during startup of an active system being managed by CICSPlex SM.

Supplied views

To access from the main menu, click:

CICS operations views > CICS region operations views > System parameters

Table 29. Views in the supplied **System Parameters** *(SYSPARM) view set*

View	Notes
System Parameters EYUSTARTSYSPARM.TABULAR	Tabular information about CICS system link definitions.

Actions

Table 30. Actions available for SYSPARM views

Action	Description
GET	Retrieve information from the specified source table. SIT is the only supported table.

Fields

Table 31. Fields in SYSPARM views

Field	Attribute name	Description
Keyword name	KEYWORD	The 16 character keyword identifier of the system parameter.
Record segment number	SEGNUM	The segment number of returned value.
Total segment number	SEGTOT	The total number of segments for value.
Source of system parameter	SOURCE	Identifies the source location of the system parameter that has been extracted. Values are: • TABLE - The parameter was extracted from the DFHSITxx load module. • CONSOLE - The parameter was extracted from an override provided through the system console. • SYSIN - The parameter was extracted from an override provided through a SYSIN data set. • JCL - The parameter was extracted from an override provided through a JCL EXEC statement parameter. Note: CONSOLE will not retrieve parameters that have been entered to correct any invalid values. You should correct these values at their source locations to enable CICS to start without operator intervention.
Total value length	TOTALLEN	The combined length of all the current keyword value segments added together. If there is only one keyword value segment for the current keyword, then this will be the same value as the keyword value length.
Type of system parameter	TYPE	Identifies the type of system parameter that has been extracted. The only value supported is: • SIT - The system initialization parameter can be extracted from any of the following locations: 1. the DFHSITxx load module (TABLE) 2. overrides specified on the PARM parameter of the EXEC PGM=DFHSIP statement (JCL) 3. overrides specified in the SYSIN data set of the CICS startup job stream (SYSIN) 4. overrides specified on the system console (CONSOLE)
Keyword value	VALUE	The value assigned to the associated keyword from the associated table type from the associated source location.

Table 31. Fields in SYSPARM views (continued)

Field	Attribute name	Description
Keyword value length	VALUELEN	The length of the current keyword value segment. If there is only one keyword value segment then this will be the same value as the total value length.

Dynamic storage areas - CICSDSA

The **Dynamic storage area** (CICSDSA) views display information about dynamic storage areas (DSAs) within each CICS system.

Supplied views

To access from the main menu, click:

CICS operations views > CICS region operations views > Dynamic storage areas

Table 32. Views in the supplied **Dynamic storage areas** *(CICSDSA) view set*

View	Notes
Dynamic storage areas EYUSTARTCICSDSA.DETAIL1	Detailed information about a selected dynamic storage area.
Dynamic storage areas EYUSTARTCICSDSA.DETAILED	Detailed information about a selected dynamic storage area.
Dynamic storage areas EYUSTARTCICSDSA.SET	Set CICS DSA attributes according to the new values specified in input fields.
Dynamic storage areas EYUSTARTCICSDSA.TABULAR	Tabular information about dynamic storage areas (DSAs) within each CICS system.

Actions

Table 33. Actions available for CICSDSA views

Action	Description
SET	Set CICS DSA attributes according to the new values specified in input fields.

Fields

Table 34. Fields in CICSDSA views

Field	Attribute name	Description
Storage key	ACCESSTYPE	The type of access for this dynamic storage area (CICS, USER, READONLY,TRUSTED). If storage protection is not active, all storage areas have an access type of CICS except those in the ERDSA.
Current address space storage that is addressable	ASACTIVE	The current address space storage that can be addressed.
Number of Add Subpool requests	ASUBTOTL	The number of requests to create a domain or task subpool from this dynamic storage area.
Cushion limit	ATBCUSHLIMIT	The size in bytes of the cushion for this DSA. The cushion is the amount of storage below which CICS goes short on storage.
Number of GCDSA, GUDSA or GSDSA cushion releases	ATBCUSHRELS	The number of cushion releases associated with GDSA.

Table 34. Fields in CICSDSA views (continued)

Field	Attribute name	Description
Cumulative number of common subspace users	CUMCMNSSUSRS	The cumulative number of common subspace user requests for this CICS execution.
Cumulative number of unique subspace users	CUMUNQSSUSRS	The cumulative number of unique subspace task requests for this CICS execution.
Current number of common subspace users	CURCMNSSUSRS	The current number of common subspace user requests.
Current DSA allocation	CURRALLOC	The current amount of DSA allocated.
Current tasks allocated a unique subspace	CURUNQSSUSRS	The current number of unique subspace user requests.
Cushion size	CUSHION	The size in bytes of the cushion for this dynamic storage area. The cushion is the amount of storage below which CICS goes short on storage. Input Values: 0 - DSASIZE value
Number of Delete Subpool requests	DSUBTOTL	The number of requests to delete a domain or task subpool from this dynamic storage area.
Number of extents added to DSA	EXTENTSADDED	The number of extents added to the DSA.
Number of extents allocated to DSA	EXTENTSCURR	The number of extents allocated to the DSA.
Number of extents deleted from page pool	EXTENTSDELTD	The number of extents deleted from the page pool.
Number of FREEMAIN requests	FREMTOTL	The number of FREEMAIN requests for this dynamic storage area.
The current GDSA active	GDSAACTIVE	The amount of storage available for use above the bar.
Number of GETMAIN requests	GETMTOTL	The number of GETMAIN requests from this dynamic storage area.
The GETSTOR request size	GETSTORSIZE	The amount of storage that has been requested displayed as bytes.
Peak DSA allocation	HWMALLOC	The largest amount of DSA allocated at any one time.
The HWM address space that can be addressed	HWMASACTIVE	The peak address space storage that could be addressed.
Peak number of common subspace users	HWMCMNSSUSRS	The largest number of common subspace user requests at any one time.
Peak amount of free storage available	HWMFREE	The largest amount of storage that was free at any one time.
The peak GDSA active	HWMGDSAACTIV	The peak amount of storage available for use above the bar.
Peak number of unique subspace users	HWMUNQSSUSRS	The largest number of unique subspace user requests at any one time.
Limit of storage for DSAs	LIMIT	The maximum amount of storage, as a total number of bytes, within which CICS can dynamically allocate storage for all of the DSAs residing on the same side of the 16MB boundary. The value shown is either the DSA limit for the RDSA, UDSA, CDSA and SDSA, or the EDSA limit for the ERDSA, EUDSA, ECDSA, ESDSA, and ETDSA. It is zero for DSAs located above the bar. If you set a new value lower than the current limit, CICS might not implement the new limit immediately, but attempts to do so over time as storage is freed. CICS rounds up the value you supply to the next multiple of 256KB for the DSA limit and to the next multiple of 1MB for the EDSA limit. Input Values for the DSA limit: 2,097,152 to 16,777,216 Input Values for the EDSA limit: 50,331,648 to 2,146,435,072

Table 34. Fields in CICSDSA views (continued)

Field	Attribute name	Description
Dynamic storage area (DSA) location	LOCATION	Indicates where this dynamic storage area is located, either above or below the 16MB line, or above the bar.
Smallest amount of free storage available	LWMFREE	The smallest amount of storage that was free at any one time.
Maximum amount of above the bar storage	MEMLIMIT	The current upper limit of the total amount of storage within which CICS can allocate the individual DSAs that reside above the bar. A value of 'N/A' means there is no limit to the amount of storage above the bar that CICS can use.
Dynamic storage area (DSA)	NAME	The name of the dynamic storage area, as one of the following: RDSA, UDSA, CDSA, SDSA, ERDSA, EUDSA, ECDSA, ESDSA, ETDSA, GCDSA, GUDSA, GSDSA
Number of current suspended storage requests	NSTGCURR	The number of GETMAIN requests currently suspended for insufficient storage.
Number of times NOSTORAGE returned	NSTGTOTL	The number of times a GETMAIN request with SUSPEND(NO) returned an insufficient storage condition.
Percentage of available total storage	PCTFREE	Available percent of total space of DSA calculated from the DSA or EDSA limit size value. This data has no meaning for above the bar storage.
Storage occupied by not-in-use programs	PGMONIU	The amount of storage in this dynamic storage area that is occupied by Not-In-Use (NIU) programs.
Percentage of available pool storage	POOLPCTFREE	Available amount of space from all DSA pool allocations above or below the 16M line. This data has no meaning for above the bar storage.
Number of requests for MVS storage causing wait	REQSWAITMVS	The number of requests for MVS storage causing waits.
Reentrant program protection status	RNTPGPROTECT	Specifies whether Reentrant Program Protection was chosen for this execution of CICS. It protects CICS loaded programs from being written to directly.
Subpool size	SIZE	The size of the dynamic storage area in bytes.
Number of times cushion released	STGCRELC	The number of times a GETMAIN request caused the storage cushion to be released. The cushion is considered released when the number of free pages drops below the number of pages in the cushion.
Free storage size	STGFSIZE	The amount of free storage, including the cushion, in this dynamic storage area.
Peak size of DSA	STGHWM	The peak size of the DSA.
Largest free area size	STGLSIZE	The length in bytes of the largest contiguous free area in this dynamic storage area.
Number of current subpools	STGNSUBP	The current number of domain or task subpools in this dynamic storage area.
Storage protection status	STGPROTECT	Specifies whether the Storage Protection option was chosen for this execution of the CICS system. If storage protection is active CICS observes storage and execution keys that are specified in system and resource definitions.
Number of tasks purged while waiting	STGPWCNT	The number of GETMAIN requests that were purged while suspended for insufficient storage.
Peak number of suspended storage requests	STGSHWM	The maximum number of GETMAIN requests suspended for insufficient storage at any one time.
Short on storage count	STGSOSC	The number of times CICS went short on storage (SOS) in this dynamic storage area. SOS means that the cushion is currently in use and/or there is at least one task suspended for storage.
Total time CICS was short on storage	STGSOST	The total amount of time that CICS has been short on storage (SOS) in this dynamic storage area.

Table 34. Fields in CICSDSA views (continued)

Field	Attribute name	Description
Number of times requests were suspended	STGSTOTL	The number of times a GETMAIN request with SUSPEND(YES) was suspended because of insufficient storage.
Number of storage violations	STGVTOTL	The number of storage violations recorded in this dynamic storage area.
Total time waiting for MVS storage	TIMEWAITMVS	The total amount of time that CICS has been waiting for storage in this dynamic storage area.
Transaction isolation status	TRNISOLATION	The task-lifetime storage of programs that are defined with EXECKEY(USER) are protected from other EXECKEY(USER) programs both reading and writing if this is active.

Dynamic storage area global - CICSSTOR

The **Dynamic storage area global** (CICSSTOR) views display information about all the CICS dynamic storage areas (DSAs) in an active system being managed by CICSPlex SM.

Supplied views

To access from the main menu, click:

CICS operations views > CICS region operations views > Dynamic storage area global

Table 35. Views in the supplied **Dynamic storage area global** *(CICSSTOR) view set*

View	Notes
Dynamic storage area global EYUSTARTCICSSTOR.SET	Set CICS DSA attributes according to the new values specified in input fields.

Actions

Table 36. Actions available for CICSSTOR views

Action	Description
SET	Set CICS DSA attributes according to the new values specified in input fields.

Fields

Table 37. Fields in CICSSTOR views

Field	Attribute name	Description
Average time spent short-on-storage (SOS) in CDSA	CAVGTIMESOS	The average time that CICS has been short-on-storage (SOS) in the CICS dynamic storage area (CDSA).
Number of CDSA non-immediate GETMAIN requests	CNONIMMGET	The number of non-immediate GETMAIN requests associated with this DSA.
CDSA cushion release rate	CRATECREL	The rate per second of storage cushion releases for this DSA.
CDSA extent increase rate	CRATEEXTSA	The rate per second at which extents have been added to this DSA.
CDSA extent release rate	CRATEEXTSR	The rate per second at which extents have been released from this DSA.
CDSA FREEMAIN request rate	CRATEFM	The rate per second of FREEMAIN requests for this DSA.

Table 37. Fields in CICSSTOR views (continued)

Field	Attribute name	Description
CDSA GETMAIN request rate	CRATEGM	The rate per second of GETMAIN requests for this DSA.
CDSA storage violation rate	CRATESTORV	The rate per second of recorded storage violations for this DSA.
Average time spent short-on-storage (SOS) in ECDSA	ECAVGTIMESOS	The average time that CICS has been short-on-storage (SOS) in the extended dynamic storage area (ECDSA).
Number of ECDSA non-immediate GETMAIN requests	ECNONIMMGET	The number of non-immediate GETMAIN requests associated with this DSA.
ECDSA cushion release rate	ECRATECREL	The rate per second of ECDSA storage cushion releases.
ECDSA extent increase rate	ECRATEEXTSA	The rate per second at which extents have been added to the ECDSA.
ECDSA extent release rate	ECRATEEXTSR	The rate per second at which extents have been released from the ECDSA.
ECDSA FREEMAIN request rate	ECRATEFM	The rate per second of ECDSA FREEMAIN requests.
ECDSA GETMAIN request rate	ECRATEGM	The rate per second of ECDSA GETMAIN requests.
ECDSA storage violation rate	ECRATESTORV	The rate per second of recorded storage violations for the ECDSA.
Average time spent short-on-storage in ERDSA	ERAVGTIMESOS	The average time that CICS has been short-on-storage (SOS) in the extended read-only dynamic storage area (ERDSA).
Number of ERDSA non-immediate GETMAIN requests	ERNONIMMGET	The number of non-immediate GETMAIN requests associated with this DSA.
ERDSA cushion release rate	ERRATECREL	The rate per second of ERDSA storage cushion releases.
ERDSA extent increase rate	ERRATEEXTSA	The rate per second at which extents have been added to the ERDSA.
ERDSA extent release rate	ERRATEEXTSR	The rate per second at which extents have been released from the ERDSA.
ERDSA FREEMAIN request rate	ERRATEFM	The rate per second of ERDSA FREEMAIN requests.
ERDSA GETMAIN request rate	ERRATEGM	The rate per second of ERDSA GETMAIN requests.
ERDSA storage violation rate	ERRATESTORV	The rate per second of recorded storage violations for the ERDSA.
Average time spent short-on-storage in ESDSA	ESAVGTIMESOS	The average time that CICS has been short-on-storage (SOS) in the extended shared dynamic storage area (ESDSA).
Number of ESDSA non-immediate GETMAIN requests	ESNONIMMGET	The number of non-immediate GETMAIN requests associated with this DSA.
ESDSA cushion release rate	ESRATECREL	The rate per second of ESDSA storage cushion releases.
ESDSA extent increase rate	ESRATEEXTSA	The rate per second at which extents have been added to the ESDSA.
ESDSA extent release rate	ESRATEEXTSR	The rate per second at which extents have been released from the ESDSA.
ESDSA FREEMAIN request rate	ESRATEFM	The rate per second of ESDSA FREEMAIN requests.
ESDSA GETMAIN request rate	ESRATEGM	The rate per second of ESDSA GETMAIN requests.
ESDSA storage violation rate	ESRATESTORV	The rate per second of recorded storage violations for this DSA.
Average time spent short-on-storage in ETDSA	ETAVGTIMESOS	The average time that CICS has been short-on-storage (SOS) in the extended trusted dynamic storage area (ETDSA).

Table 37. Fields in CICSSTOR views (continued)

Field	Attribute name	Description
Number of ETDSA non-immediate GETMAIN requests	ETNONIMMGET	The number of non-immediate GETMAIN requests associated with this DSA.
ETDSA cushion release rate	ETRATECREL	The rate per second of ETDSA storage cushion releases.
ETDSA extent increase rate	ETRATEEXTSA	The rate per second at which extents have been added to the ETDSA.
ETDSA extent release rate	ETRATEEXTSR	The rate per second at which extents have been released from the ETDSA.
ETDSA FREEMAIN request rate	ETRATEFM	The rate per second of ETDSA FREEMAIN requests.
ETDSA GETMAIN request rate	ETRATEGM	The rate per second of ETDSA GETMAIN requests.
ETDSA storage violation rate	ETRATESTORV	The rate per second of recorded storage violations for the ETDSA.
Average time spent short-on-storage (SOS) in EUDSA	EUAVGTIMESOS	The average time that CICS has been short-on-storage (SOS) in the extended user dynamic storage area (EUDSA).
Number of EUDSA non-immediate GETMAIN requests	EUNONIMMGET	The number of non-immediate GETMAIN requests associated with this DSA.
EUDSA cushion release rate	EURATECREL	The rate per second of storage cushion releases.
EUDSA extent increase rate	EURATEEXTSA	The rate per second at which extents have been added to the EUDSA.
EUDSA extent release rate	EURATEEXTSR	The rate per second at which extents have been released from the EUDSA.
EUDSA FREEMAIN request rate	EURATEFM	The rate per second of FREEMAIN requests for this DSA.
EUDSA GETMAIN request rate	EURATEGM	The rate per second of GETMAIN requests for this DSA.
EUDSA storage violation rate	EURATESTORV	The rate per second of recorded storage violations for the EUDSA.
Average time spent short-on-storage (SOS) in GCDSA	GCAVGTIMESOS	The average time that CICS has been short-on-storage (SOS) in the GCDSA.
Number of GCDSA non-immediate GETMAIN requests	GCNONIMMGET	The number of non-immediate GETMAIN requests associated with this DSA.
GCDSA FREEMAIN request rate	GCRATEFM	The rate per second of FREEMAIN requests for this DSA.
GCDSA GETMAIN request rate	GCRATEGM	The rate per second of GETMAIN requests for this DSA.
GCDSA storage violation rate	GCRATESTORV	The rate per second of recorded storage violations for this DSA.
Average time spent short on storage (SOS) in GSDSA	GSAVGTIMESOS	The average time that CICS has been short on storage (SOS) in the GSDSA.
Number of GSDSA non-immediate GETMAIN requests	GSNONIMMGET	The number of non-immediate GETMAIN requests associated with this DSA.
GSDSA FREEMAIN request rate	GSRATEFM	The rate per second of FREEMAIN requests for this DSA.
GSDSA GETMAIN request rate	GSRATEGM	The rate per second of GETMAIN requests for this DSA.
GSDSA storage violation rate	GSRATESTORV	The rate per second of recorded storage violations for this DSA.
Average time spent short on storage (SOS) in GUDSA	GUAVGTIMESOS	The average time that CICS has been short on storage (SOS) in the GUDSA.

Table 37. Fields in CICSSTOR views (continued)

Field	Attribute name	Description
Number of GUDSA non-immediate GETMAIN requests	GUNONIMMGET	The number of non-immediate GETMAIN requests associated with this DSA.
GUDSA FREEMAIN request rate	GURATEFM	The rate per second of FREEMAIN requests for this DSA.
GUDSA GETMAIN request rate	GURATEGM	The rate per second of GETMAIN requests for this DSA.
GUDSA storage violation rate	GURATESTORV	The rate per second of recorded storage violations for this DSA.
Lowest percentage of free storage in CDSA	LPCTCFREE	The smallest amount of storage that is free in this DSA since the last time that statistics were recorded expressed as a percentage.
Lowest percentage of free storage in ECDSA	LPCTECFREE	The smallest amount of storage that is free in this DSA since the last time that statistics were recorded expressed as a percentage.
Lowest percentage of free storage in ERDSA	LPCTERFREE	The smallest amount of storage that is free in this DSA since the last time that statistics were recorded expressed as a percentage.
Lowest percentage of free storage in ESDSA	LPCTESFREE	The smallest amount of storage that is free in this DSA since the last time that statistics were recorded expressed as a percentage.
Lowest percentage of free storage in ETDSA	LPCTETFREE	The smallest amount of storage that is free in this DSA since the last time that statistics were recorded expressed as a percentage.
Lowest percentage of free storage in EUDSA	LPCTEUFREE	The smallest amount of storage that is free in this DSA since the last time that statistics were recorded expressed as a percentage.
Lowest percentage of free storage in RDSA	LPCTRFREE	The smallest amount of storage that is free in this DSA since the last time that statistics were recorded expressed as a percentage.
Lowest percentage of free storage in SDSA	LPCTSFREE	The smallest amount of storage that is free in this DSA since the last time that statistics were recorded expressed as a percentage.
Lowest percentage of free storage in UDSA	LPCTUFREE	The smallest amount of storage that is free in this DSA since the last time that statistics were recorded expressed as a percentage.
Percentage of cushion releases in CDSA	PCTCCSH	The number of cushion releases associated with this DSA expressed as a percentage.
Percentage of free storage in CDSA	PCTCFREE	The current amount of free storage in this DSA expressed as a percentage.
Percentage of GETMAIN failures in CDSA	PCTCGMF	The number of GETMAIN requests which failed in this DSA expressed as a percentage.
Percentage of GETMAIN requests purged in CDSA	PCTCGMP	The number of GETMAIN requests which were purged in this DSA expressed as a percentage.
Percentage of cushion releases in ECDSA	PCTECCSH	The number of cushion releases associated with this DSA expressed as a percentage.
Percentage of free storage in ECDSA	PCTECFREE	The current amount of free storage in this DSA expressed as a percentage.
Percentage of GETMAIN failures in ECDSA	PCTECGMF	The number of GETMAIN requests which failed in this DSA expressed as a percentage.
Percentage of GETMAIN requests purged in ECDSA	PCTECGMP	The number of GETMAIN requests which were purged in this DSA expressed as a percentage.
Percentage of cushion releases in ERDSA	PCTERCSH	The number of cushion releases associated with this DSA expressed as a percentage.
Percentage of free storage in ERDSA	PCTERFREE	The current amount of free storage in this DSA expressed as a percentage.
Percentage of GETMAIN failures in ERDSA	PCTERGMF	The number of GETMAIN requests which failed in this DSA expressed as a percentage.
Percentage of GETMAIN requests purged in ERDSA	PCTERGMP	The number of GETMAIN requests which were purged in this DSA expressed as a percentage.
Percentage of cushion releases in ESDSA	PCTESCSH	The number of cushion releases associated with this DSA expressed as a percentage.

Table 37. Fields in CICSSTOR views (continued)

Field	Attribute name	Description
Percentage of free storage in ESDSA	PCTESFREE	The current amount of free storage in this DSA expressed as a percentage.
Percentage of GETMAIN failures in ESDSA	PCTESGMF	The number of GETMAIN requests which failed in this DSA expressed as a percentage.
Percentage of GETMAIN requests purged in ESDSA	PCTESGMP	The number of GETMAIN requests which were purged in this DSA expressed as a percentage.
Percentage of cushion releases in ETDSA	PCTETCSH	The number of cushion releases associated with this DSA expressed as a percentage.
Percentage of free storage in ETDSA	PCTETFREE	The current amount of free storage in this DSA expressed as a percentage.
Percentage of GETMAIN failures in ETDSA	PCTETGMF	The number of GETMAIN requests which failed in this DSA expressed as a percentage.
Percentage of GETMAIN requests purged in ETDSA	PCTETGMP	The number of GETMAIN requests which were purged in this DSA expressed as a percentage.
Percentage of cushion releases in EUDSA	PCTEUCSH	The number of cushion releases associated with this DSA expressed as a percentage.
Percentage of free storage in EUDSA	PCTEUFREE	The current amount of free storage in this DSA expressed as a percentage.
Percentage of GETMAIN failures in EUDSA	PCTEUGMF	The number of GETMAIN requests which failed in this DSA expressed as a percentage.
Percentage of GETMAIN requests purged in EUDSA	PCTEUGMP	The number of GETMAIN requests which were purged in this DSA expressed as a percentage.
Percentage of GETMAIN failures in GCDSA	PCTGCGMF	The number of GETMAIN requests which failed in this DSA expressed as a percentage.
Percentage of GETMAIN requests purged in GCDSA	PCTGCGMP	The number of GETMAIN requests which were purged in this DSA expressed as a percentage.
Percentage of GETMAIN failures in GSDSA	PCTGSGMF	The number of GETMAIN requests which failed in this DSA expressed as a percentage.
Percentage of GETMAIN requests purged in GSDSA	PCTGSGMP	The number of GETMAIN requests which were purged in this DSA expressed as a percentage.
Percentage of GETMAIN failures in GUDSA	PCTGUGMF	The number of GETMAIN requests which failed in this DSA expressed as a percentage.
Percentage of GETMAIN requests purged in GUDSA	PCTGUGMP	The number of GETMAIN requests which were purged in this DSA expressed as a percentage.
Largest percentage of free storage in CDSA	PCTLFACDSA	The percentage of storage that is unused in this DSA.
Largest percentage of free storage in ECDSA	PCTLFAECDSA	The percentage of storage that is unused in this DSA.
Largest percentage of free storage in ERDSA	PCTLFAERDSA	The percentage of storage that is unused in this DSA.
Largest percentage of free storage in ESDSA	PCTLFAESDSA	The percentage of storage that is unused in this DSA.
Largest percentage of free storage in ETDSA	PCTLFAETDSA	The percentage of storage that is unused in this DSA.
Largest percentage of free storage in EUDSA	PCTLFAEUDSA	The percentage of storage that is unused in this DSA.
Largest percentage of free storage in RDSA	PCTLFARDSA	The percentage of storage that is unused in this DSA.
Largest percentage of free storage in SDSA	PCTLFASDSA	The percentage of storage that is unused in this DSA.
Largest percentage of free storage in UDSA	PCTLFAUDSA	The percentage of storage that is unused in this DSA.

Table 37. Fields in CICSSTOR views (continued)

Field	Attribute name	Description
Percentage of cushion releases in RDSA	PCTRCSH	The number of cushion releases associated with this DSA expressed as a percentage.
Percentage of free storage in RDSA	PCTRFREE	The current amount of free storage in this DSA expressed as a percentage.
Percentage of GETMAIN failures in RDSA	PCTRGMF	The number of GETMAIN requests which failed in this DSA expressed as a percentage.
Percentage of GETMAIN requests purged in RDSA	PCTRGMP	The number of GETMAIN requests which were purged in this DSA expressed as a percentage.
Percentage of cushion releases in SDSA	PCTSCSH	The number of cushion releases associated with this DSA expressed as a percentage.
Percentage of free storage in SDSA	PCTSFREE	The current amount of free storage in this DSA expressed as a percentage.
Percentage of GETMAIN failures in SDSA	PCTSGMF	The number of GETMAIN requests which failed in this DSA expressed as a percentage.
Percentage of GETMAIN requests purged in SDSA	PCTSGMP	The number of GETMAIN requests which were purged in this DSA expressed as a percentage.
Percentage of CDSA storage below 16MB	PCTSTGCDSA	The amount of storage for this DSA which is below the 16MB line expressed as a percentage.
Percentage of storage above 16MB in ECDSA	PCTSTGECDSA	The amount of storage for this DSA which is above the 16MB line expressed as a percentage.
Percentage of storage above 16MB in ERDSA	PCTSTGERDSA	The amount of storage for this DSA which is above the 16MB line expressed as a percentage.
Percentage of storage above 16MB in ESDSA	PCTSTGESDSA	The amount of storage for this DSA which is above the 16MB line expressed as a percentage.
Percentage of storage above 16MB in ETDSA	PCTSTGETDSA	The amount of storage for this DSA which is above the 16MB line expressed as a percentage.
Percentage of storage above 16MB in EUDSA	PCTSTGEUDSA	The amount of storage for this DSA which is above the 16MB line expressed as a percentage.
Percentage of storage above the bar in GCDSA	PCTSTGGCDSA	The amount of storage for this DSA which is above the bar expressed as a percentage.
Percentage of storage above the bar in GSDSA	PCTSTGGSDSA	The amount of storage for this DSA which is above the bar expressed as a percentage.
Percentage of storage above the bar in GUDSA	PCTSTGGUDSA	The amount of storage for this DSA which is above the bar expressed as a percentage.
Percentage of storage below 16MB in RDSA	PCTSTGRDSA	The amount of storage for this DSA which is below the 16MB line expressed as a percentage.
Percentage of storage below 16MB in SDSA	PCTSTGSDSA	The amount of storage for this DSA which is below the 16MB line expressed as a percentage.
Percentage of storage below 16MB in UDSA	PCTSTGUDSA	The amount of storage for this DSA which is below the 16MB line expressed as a percentage.
Percentage of cushion releases in UDSA	PCTUCSH	The number of cushion releases associated with this DSA expressed as a percentage.
Percentage of free storage in UDSA	PCTUFREE	The current amount of free storage in this DSA expressed as a percentage.
Percentage of GETMAIN failures in UDSA	PCTUGMF	The number of GETMAIN requests which failed in this DSA expressed as a percentage.
Percentage of GETMAIN requests purged in UDSA	PCTUGMP	The number of GETMAIN requests which were purged in this DSA expressed as a percentage.
Peak percentage of free storage in CDSA	PPCTCFREE	The peak amount of free storage in this DSA expressed as a percentage.
Peak percent of free storage in ECDSA	PPCTECFREE	The peak amount of free storage in this DSA expressed as a percentage.

Table 37. Fields in CICSSTOR views (continued)

Field	Attribute name	Description
Peak percentage of free storage in ERDSA	PPCTERFREE	The peak amount of free storage in this DSA expressed as a percentage.
Peak percentage of free storage in ESDSA	PPCTESFREE	The peak amount of free storage in this DSA expressed as a percentage.
Peak percentage of free storage in ETDSA	PPCTETFREE	The peak amount of free storage in this DSA expressed as a percentage.
Peak percentage of free storage in EUDSA	PPCTEUFREE	The peak amount of free storage in this DSA expressed as a percentage.
Peak percentage of free storage in RDSA	PPCTRFREE	The peak amount of free storage in this DSA expressed as a percentage.
Peak percentage of free storage in SDSA	PPCTSFREE	The peak amount of free storage in this DSA expressed as a percentage.
Peak percentage in CDSA of peak storage below 16MB	PPCTSTGCDSA	The peak amount of storage allocated to this DSA below the 16MB line expressed as a percentage.
Peak percent in ECDSA of peak storage above 16MB	PPCTSTGECDSA	The peak amount of storage allocated to this DSA above the 16MB line expressed as a percentage.
Peak percent in ERDSA of peak storage above 16MB	PPCTSTGERDSA	The peak amount of storage allocated to this DSA above the 16MB line expressed as a percentage.
Peak percent in ESDSA of peak storage above 16MB	PPCTSTGESDSA	The peak amount of storage allocated to this DSA above the 16MB line expressed as a percentage.
Peak percent in ETDSA of peak storage above 16MB	PPCTSTGETDSA	The peak amount of storage allocated to this DSA above the 16MB line expressed as a percentage.
Peak percent in EUDSA of peak storage above 16MB	PPCTSTGEUDSA	The peak amount of storage allocated to this DSA above the 16MB line expressed as a percentage.
Peak percentage in GCDSA of storage above the bar	PPCTSTGGCDSA	The peak amount of storage allocated to this DSA above the bar expressed as a percentage.
Peak percentage in GSDSA of storage above the bar	PPCTSTGGSDSA	The peak amount of storage allocated to this DSA above the bar expressed as a percentage.
Peak percentage in GUDSA of storage above the bar	PPCTSTGGUDSA	The peak amount of storage allocated to this DSA above the bar expressed as a percentage.
Peak percentage in RDSA of peak storage below 16MB	PPCTSTGRDSA	The peak amount of storage allocated to this DSA below the 16MB line expressed as a percentage.
Peak percentage in SDSA of peak storage below 16MB	PPCTSTGSDSA	The peak amount of storage allocated to this DSA below the 16MB line expressed as a percentage.
Peak percentage in UDSA of peak storage below 16MB	PPCTSTGUDSA	The peak amount of storage allocated to this DSA below the 16MB line expressed as a percentage.
Peak percentage of free storage in UDSA	PPCTUFREE	The peak amount of free storage in this DSA expressed as a percentage.
Average time spent short-on-storage (SOS) in RDSA	RAVGTIMESOS	The average time that CICS has been short-on-storage (SOS) in the read-only dynamic storage area (RDSA).
Number of RDSA non-immediate GETMAIN requests	RNONIMMGET	The number of non-immediate GETMAIN requests associated with this DSA.
RDSA cushion release rate	RRATECREL	The rate per second of storage cushion releases for this DSA.
RDSA extent increase rate	RRATEEXTSA	The rate per second at which extents have been added to this DSA.
RDSA extent release rate	RRATEEXTSR	The rate per second at which extents have been released from this DSA.
RDSA FREEMAIN request rate	RRATEFM	The rate per second of FREEMAIN requests for this DSA.
RDSA GETMAIN request rate	RRATEGM	The rate per second of GETMAIN requests for this DSA.
RDSA storage violation rate	RRATESTORV	The rate per second of storage violations for this DSA.

Table 37. Fields in CICSSTOR views (continued)

Field	Attribute name	Description
Average time spent short-on-storage (SOS) in SDSA	SAVGTIMESOS	The average time that CICS has been short-on-storage (SOS) in the shared dynamic storage area (SDSA).
Current address space storage that is addressable	SMSASACTIVE	The current address space storage that can be addressed.
Cushion limit	SMSATBCUSHLI	The size in bytes of the cushion for this DSA. The cushion is the amount of storage below which CICS goes short on storage.
Number of GCDSA cushion releases	SMSATBCUSHRE	The number of cushion releases associated with this DSA.
Number of CDSA ADD_SUBPOOL requests	SMSCASR	The number of ADD_SUBPOOL requests from this DSA.
Number of CDSA cushion releases	SMSCCREL	The number of cushion releases associated with this DSA.
Number of CDSA requests failing with no storage	SMSCCRISS	The number of times requests failed because of a short on storage (SOS) condition in this DSA.
Current CDSA cushion size	SMSCCSIZE	The size in bytes of the cushion for this DSA. The cushion is the amount of storage below which CICS goes short on storage.
Current number of CDSA subpools	SMSCCSUBP	The current number of subpools (domain and task) in this DSA.
Current size of CDSA	SMSCDSASZ	The current size of this DSA expressed in bytes.
Number of CDSA DELETE_SUBPOOL requests	SMSCDSR	The number of DELETE_SUBPOOL requests from this DSA.
Number of extents in the CDSA	SMSCEXTS	The number of extents associated with this DSA.
Number of CDSA extents added	SMSCEXTSA	The number of extents added to this DSA.
Number of CDSA extents released	SMSCEXTSR	The number of extents released from this DSA.
Number of CDSA FREEMAIN requests	SMSCFMREQ	The number of FREEMAIN requests from this DSA.
Size of CDSA free storage including cushion	SMSCFSTG	The current amount of free storage in this DSA, expressed in KB.
Number of CDSA GETMAIN requests	SMSCGMREQ	The number of GETMAIN requests from this DSA.
Peak free storage level in the CDSA	SMSCHWMFSTG	The peak amount of free storage in this DSA; that is the number of free pages multiplied by the page size (4K), expressed in bytes.
Peak number of CDSA requests suspended	SMSCHWMSS	The peak number requests suspended for storage in this DSA.
Largest free area in the CDSA	SMSCLFA	The length of the largest contiguous free area of storage in this DSA expressed in bytes.
Lowest free storage level in the CDSA	SMSCLWMFSTG	The smallest amount of storage that is free in this DSA since the last time that statistics were recorded.
Number of CDSA requests purged	SMSCPWWS	The number of requests that were purged while suspended for storage in this DSA.
Number of times short-on-storage occurred in CDSA	SMSCSOS	The number of times CICS went short-on-storage (SOS) in this DSA; where SOS means either that the cushion is currently in use and/or there is at least one task suspended for storage.
Total number of common subspace users	SMSCSSCUM	The total number of tasks allocated to the common subspace
Current number of common subspace users	SMSCSSCUR	The number of tasks currently allocated to the common subspace.
Peak number of common subspace users	SMSCSSHWM	The peak number of tasks concurrently allocated to the common subspace.

Table 37. Fields in CICSSTOR views (continued)

Field	Attribute name	Description
Number of storage violations in the CDSA	SMSCSV	The number of storage violations associated with this DSA.
Total time spent short-on-storage in the CDSA	SMSCTSOS	The accumulated time that CICS has been short-on-storage in this DSA.
Number of CDSA requests suspended	SMSCUCSS	The number of times a CDSA request with SUSPEND(YES) was suspended because of insufficient storage.
Current DSA limit	SMSDSALIMIT	The current upper limit of the total amount of storage within which CICS can allocate the individual DSAs that reside below the 16MB boundary.
Total storage currently allocated to DSAs	SMSDSATOTAL	The total amount of storage currently allocated to the DSAs below the 16MB line.
Number of ECDSA ADD_SUBPOOL requests	SMSECASR	The number of ADD_SUBPOOL requests associated with this DSA.
Number of ECDSA cushion releases	SMSECCREL	The number of cushion releases associated with this DSA.
Number of ECDSA requests failing with no storage	SMSECCRISS	The number of times requests failed because of a short on storage (SOS) condition in this DSA.
Current ECDSA cushion size	SMSECCSIZE	The size in bytes of the cushion for this DSA. The cushion is the amount of storage below which CICS goes short on storage.
Current number of subpools in the ECDSA	SMSECCSUBP	The current number of subpools (domain and task) in this DSA.
Current size of ECDSA	SMSECDSASZ	The current size of this DSA expressed in bytes.
Number of ECDSA DELETE_SUBPOOL requests	SMSECDSR	The number of DELETE_SUBPOOL requests associated with this DSA.
Number of ECDSA extents	SMSECEXTS	The number of extents associated with this DSA.
Number of ECDSA extents added	SMSECEXTSA	The number of extents added to this DSA.
Number of ECDSA extents released	SMSECEXTSR	The number of extents released by this DSA.
Number of ECDSA FREEMAIN requests	SMSECFMREQ	The number of FREEMAIN requests associated with this DSA.
Size of ECDSA free storage including cushion	SMSECFSTG	The current amount of free storage in this DSA, expressed in KB.
Number of ECDSA GETMAIN requests	SMSECGMREQ	The number of GETMAIN requests associated with this DSA.
Peak ECDSA free storage level	SMSECHWMFSTG	The largest amount of free storage in this DSA since the last time that statistics were recorded.
Peak number of ECDSA requests suspended	SMSECHWMSS	The peak number requests suspended for storage in this DSA.
Largest ECDSA free area	SMSECLFA	The length of the largest contiguous free area of storage in this DSA expressed in bytes.
Lowest ECDSA free storage level	SMSECLWMFSTG	The smallest amount of storage that is free in this DSA since the last time that statistics were recorded.
Number of ECDSA requests purged	SMSECPWWS	The number of requests that were purged while suspended for storage in this DSA.
Number of times short-on-storage occurred in ECDSA	SMSECSOS	The number of times CICS went short-on-storage (SOS) in this DSA; where SOS means either that the cushion is currently in use and/or there is at least one task suspended for storage.
Number of ECDSA storage violations	SMSECSV	The number of storage violations associated with this DSA.
Total time spent short-on-storage in the ECDSA	SMSECTSOS	The accumulated time that CICS has been short-on-storage in this DSA.

Table 37. Fields in CICSSTOR views (continued)

Field	Attribute name	Description
Number of ECDSA requests suspended	SMSECUCSS	The number of times a ECDSA request with SUSPEND(YES) was suspended because of insufficient storage.
Current EDSA limit	SMSEDSALIMIT	The current upper limit of the total amount of storage within which CICS can allocate the individual extended DSAs that reside above the 16MB boundary.
Total storage currently allocated to EDSAs	SMSEDSATOTAL	The total amount of storage currently allocated to the DSAs above the 16MB line.
Number of ERDSA ADD_SUBPOOL requests	SMSERASR	The number of ADD_SUBPOOL requests associated with this DSA.
Number of ERDSA cushion releases	SMSERCREL	The number of cushion releases associated with this DSA.
Number of ERDSA requests failing with no storage	SMSERCRISS	The number of times requests failed because of a short on storage (SOS) condition in this DSA.
Current ERDSA cushion size	SMSERCSIZE	The size in bytes of the cushion for this DSA. The cushion is the amount of storage below which CICS goes short on storage.
Current number of ERDSA subpools	SMSERCSUBP	The current number of subpools (domain and task) in this DSA.
Current size of ERDSA	SMSERDSASZ	The current size of this DSA expressed in bytes.
Number of ERDSA DELETE_SUBPOOL requests	SMSERDSR	The number of DELETE_SUBPOOL requests associated with this DSA.
Number of ERDSA extents	SMSEREXTS	The number of extents associated with this DSA.
Number of ERDSA extents added	SMSEREXTSA	The number of extents added to this DSA.
Number of ERDSA extents released	SMSEREXTSR	The number of extents released by this DSA.
Number of ERDSA FREEMAIN requests	SMSERFMREQ	The number of FREEMAIN requests associated with this DSA.
Size of ERDSA free storage including cushion	SMSERFSTG	The current amount of free storage in this DSA, expressed in KB.
Number of ERDSA GETMAIN requests	SMSERGMREQ	The number of GETMAIN requests associated with this DSA.
Peak ERDSA free storage level	SMSERHWMFSTG	The largest amount of free storage in this DSA since the last time that statistics were recorded.
Peak number of ERDSA requests suspended	SMSERHWMSS	The peak number requests suspended for storage in this DSA.
Largest ERDSA free area	SMSERLFA	The length of the largest contiguous free area of storage in this DSA expressed in bytes.
Lowest ERDSA free storage level	SMSERLWMFSTG	The smallest amount of storage that is free in this DSA since the last time that statistics were recorded.
Number of ERDSA requests purged	SMSERPWWS	The number of requests that were purged while suspended for storage in this DSA.
Number of times short-on-storage occurred in ERDSA	SMSERSOS	The number of times CICS went short-on-storage (SOS) in this DSA; where SOS means either that the cushion is currently in use and/or there is at least one task suspended for storage.
Number of ERDSA storage violations	SMSERSV	The number of storage violations associated with this DSA.
Total time spent short-on-storage (SOS) in ERDSA	SMSERTSOS	The accumulated time that CICS has been short-on-storage in this DSA.
Number of ERDSA requests suspended	SMSERUCSS	The number of times a ERDSA request with SUSPEND(YES) was suspended because of insufficient storage.
Number of ESDSA ADD_SUBPOOL requests	SMSESASR	The number of ADD_SUBPOOL requests associated with this DSA.

Table 37. Fields in CICSSTOR views (continued)

Field	Attribute name	Description
Number of ESDSA cushion releases	SMSESCREL	The number of cushion releases associated with this DSA.
Number of ESDSA requests failing with no storage	SMSESCRISS	The number of times requests failed because of a short on storage (SOS) condition in this DSA.
Current ESDSA cushion size	SMSESCSIZE	The size in bytes of the cushion for this DSA. The cushion is the amount of storage below which CICS goes short on storage.
Current number of ESDSA subpools	SMSESCSUBP	The current number of subpools (domain and task) in this DSA.
Current size of ESDSA	SMSESDSASZ	The current size of this DSA expressed in bytes.
Number of ESDSA DELETE_SUBPOOL requests	SMSESDSR	The number of DELETE_SUBPOOL requests associated with this DSA.
Number of ESDSA extents	SMSESEXTS	The number of extents associated with this DSA.
Number of ESDSA extents added	SMSESEXTSA	The number of extents added to this DSA.
Number of ESDSA extents released	SMSESEXTSR	The number of extents released by this DSA.
Number of ESDSA FREEMAIN requests	SMSESFMREQ	The number of FREEMAIN requests associated with this DSA.
ESDSA free storage including cushion	SMSESFSTG	The amount of free storage, including the cushion, in this DSA.
Number of ESDSA GETMAIN requests	SMSESGMREQ	The number of GETMAIN requests associated with this DSA.
Peak ESDSA free storage level	SMSESHWMFSTG	The largest amount of free storage in this DSA since the last time that statistics were recorded.
Peak number of ESDSA requests suspended	SMSESHWMSS	The peak number requests suspended for storage in this DSA.
Largest ESDSA free area	SMSESLFA	The length of the largest contiguous free area of storage in this DSA expressed in bytes.
Lowest ESDSA free storage level	SMSESLWMFSTG	The smallest amount of storage that is free in this DSA since the last time that statistics were recorded.
Number of ESDSA requests purged	SMSESPWWS	The number of requests that were purged while suspended for storage in this DSA.
Number of times short-on-storage occurred in ESDSA	SMSESSOS	The number of times CICS went short-on-storage (SOS) in this DSA; where SOS means either that the cushion is currently in use and/or there is at least one task suspended for storage.
Number of ESDSA storage violations	SMSESSV	The number of storage violations associated with this DSA.
Total time spent short-on-storage in the ESDSA	SMSESTSOS	The accumulated time that CICS has been short-on-storage in this DSA.
Number of ESDSA requests suspended	SMSESUCSS	The number of times a ESDSA request with SUSPEND(YES) was suspended because of insufficient storage.
Number of ETDSA ADD_SUBPOOL requests	SMSETASR	The number of ADD_SUBPOOL requests associated with this DSA.
Number of ETDSA cushion releases	SMSETCREL	The number of cushion releases associated with this DSA.
Number of ETDSA requests failing with no storage	SMSETCRISS	The number of times requests failed because of a short on storage (SOS) condition in this DSA.
Current ETDSA cushion size	SMSETCSIZE	The size in bytes of the cushion for this DSA. The cushion is the amount of storage below which CICS goes short on storage.
Current number of ETDSA subpools	SMSETCSUBP	The current number of subpools (domain and task) in this DSA.
Current size of ETDSA	SMSETDSASZ	The current size of this DSA expressed in bytes.

Table 37. Fields in CICSSTOR views (continued)

Field	Attribute name	Description
Number of ETDSA DELETE_SUBPOOL requests	SMSETDSR	The number of DELETE_SUBPOOL requests associated with this DSA.
Number of ETDSA extents	SMSETEXTS	The number of extents associated with this DSA.
Number of ETDSA extents added	SMSETEXTSA	The number of extents added to this DSA.
Number of ETDSA extents released	SMSETEXTSR	The number of extents released by this DSA.
Number of ETDSA FREEMAIN requests	SMSETFMREQ	The number of FREEMAIN requests associated with this DSA.
Size of ETDSA free storage including cushion	SMSETFSTG	The current amount of free storage in this DSA, expressed in KB.
Number of ETDSA GETMAIN requests	SMSETGMREQ	The number of GETMAIN requests associated with this DSA.
Peak ETDSA free storage level	SMSETHWMFSTG	The largest amount of free storage in this DSA since the last time that statistics were recorded.
Peak number of ETDSA requests suspended	SMSETHWMSS	The peak number requests suspended for storage in this DSA.
Largest ETDSA free area	SMSETLFA	The length of the largest contiguous free area of storage in this DSA expressed in bytes.
Lowest ETDSA free storage level	SMSETLWMFSTG	The smallest amount of storage that is free in this DSA since the last time that statistics were recorded.
Number of ETDSA requests purged	SMSETPWWS	The number of requests that were purged while suspended for storage in this DSA.
Number of times short-on-storage occurred in ETDSA	SMSETSOS	The number of times CICS went short-on-storage (SOS) in this DSA; where SOS means either that the cushion is currently in use and/or there is at least one task suspended for storage.
Number of ETDSA storage violations	SMSETSV	The number of storage violations associated with this DSA.
Total time spent short-on-storage (SOS) in ETDSA	SMSETTSOS	The accumulated time that CICS has been short-on-storage in this DSA.
Number of ETDSA requests suspended	SMSETUCSS	The number of times a ETDSA request with SUSPEND(YES) was suspended because of insufficient storage.
Number of EUDSA ADD_SUBPOOL requests	SMSEUASR	The number of ADD_SUBPOOL requests associated with this DSA.
Number of EUDSA cushion releases	SMSEUCREL	The number of cushion releases associated with this DSA.
Number of EUDSA requests failing with no storage	SMSEUCRISS	The number of times requests failed because of a short on storage (SOS) condition in this DSA.
Current EUDSA cushion size	SMSEUCSIZE	The size in bytes of the cushion for this DSA. The cushion is the amount of storage below which CICS goes short on storage.
Current number of EUDSA subpools	SMSEUCSUBP	The current number of subpools (domain and task) in this DSA.
Current size of EUDSA	SMSEUDSASZ	The current size of this DSA expressed in bytes.
Number of EUDSA DELETE_SUBPOOL requests	SMSEUDSR	The number of DELETE_SUBPOOL requests associated with this DSA.
Number of EUDSA extents	SMSEUEXTS	The number of extents associated with this DSA.
Number of EUDSA extents added	SMSEUEXTSA	The number of extents added to this DSA.
Number of EUDSA extents released	SMSEUEXTSR	The number of extents released by this DSA.
Number of EUDSA FREEMAIN requests	SMSEUFMREQ	The number of FREEMAIN requests associated with this DSA.

Table 37. Fields in CICSSTOR views (continued)

Field	Attribute name	Description
Size of EUDSA free storage including cushion	SMSEUFSTG	The current amount of free storage in this DSA, expressed in KB.
Number of EUDSA GETMAIN requests	SMSEUGMREQ	The number of GETMAIN requests associated with this DSA.
Peak EUDSA free storage level	SMSEUHWMFSTG	The largest amount of free storage in this DSA since the last time that statistics were recorded.
Peak number of EUDSA requests suspended	SMSEUHWMSS	The peak number requests suspended for storage in this DSA.
Largest EUDSA free area	SMSEULFA	The length of the largest contiguous free area of storage in this DSA expressed in bytes.
Lowest EUDSA free storage level	SMSEULWMFSTG	The smallest amount of storage that is free in this DSA since the last time that statistics were recorded.
Number of EUDSA requests purged	SMSEUPWWS	The number of requests that were purged while suspended for storage in this DSA.
Number of times short-on-storage occurred in EUDSA	SMSEUSOS	The number of times CICS went short-on-storage (SOS) in this DSA; where SOS means either that the cushion is currently in use and/or there is at least one task suspended for storage.
Number of EUDSA storage violations	SMSEUSV	The number of storage violations associated with this DSA.
Total time spent short-on-storage in the EUDSA	SMSEUTSOS	The accumulated time that CICS has been short-on-storage in this DSA.
Number of EUDSA requests suspended	SMSEUUCSS	The number of times a EUDSA request with SUSPEND(YES) was suspended because of insufficient storage.
The largest failing IARV64 CONVERT(FROMGUARD) request	SMSFRMGFLSZ	The largest failing IARV64 CONVERT(FROMGUARD) failure request size (bytes).
Number of IARV64 CONVERT(FROMGUARD) failures	SMSFRMGRDFL	Number of IARV64 CONVERT(FROMGUARD) failures.
Number of GCDSA ADD_SUBPOOL requests	SMSGCASR	The number of ADD_SUBPOOL requests for this DSA.
Number of cushion releases	SMSGCCREL	Number of cushion releases.
Number of GCDSA requests failing with no storage	SMSGCCRISS	The number of times requests failed because of a short on storage (SOS) condition in this DSA.
Current GCDSA cushion size	SMSGCCSIZE	The size in bytes of the cushion for this DSA. The cushion is the amount of storage below which CICS goes short on storage.
Current requests suspended for GCDSA storage	SMSGCCSS	The current number of requests that have been suspended due to a shortage of storage.
Current number of subpools in GCDSA	SMSGCCSUBP	The current number of subpools (domain and task) in this DSA.
Current size of GCDSA	SMSGCDSASZ	The current size of this DSA expressed in bytes.
Number of GCDSA DELETE_SUBPOOL requests	SMSGCDSR	The number of DELETE_SUBPOOL requests for this DSA.
Number of GCDSA FREEMAIN requests	SMSGCFMREQ	The number of FREEMAIN requests for this DSA.
GCDSA Free storage	SMSGCFSTG	GCDSA Free storage.
Number of GCDSA GETMAIN requests	SMSGCGMREQ	The number of GETMAIN requests for this DSA.
Peak number of GCDSA requests suspended	SMSGCHWMSS	The peak number requests suspended for a shortage of storage in this DSA.
Largest free area in GCDSA	SMSGCLFA	Largest free area in GCDSA.

Table 37. Fields in CICSSTOR views (continued)

Field	Attribute name	Description
Number of GCDSA requests purged	SMSGCPWWS	The number of requests that were purged while suspended for storage in this DSA.
Number of times short-on-storage occurred in GCDSA	SMSGCSOS	The number of times CICS went short-on-storage (SOS) in this DSA; where SOS means either that the cushion is currently in use and/or there is at least one task suspended for storage.
Number of GCDSA storage violations	SMSGCSV	The number of GCDSA storage violations.
Total time spent short-on-storage in the GCDSA	SMSGCTSOS	The accumulated time that CICS has been short-on-storage in this DSA.
Number of GCDSA requests suspended	SMSGCUCSS	The number of times a GCDSA request with SUSPEND(YES) was suspended because of insufficient storage.
The current GDSA active	SMSGDSAACTIV	The amount of storage available for use above the bar.
Current GDSA allocated	SMSGDSAALOC	Current GDSA allocated.
Current GDSA limit	SMSGDSALIMIT	The current upper limit of the total amount of storage within which CICS can allocate the individual DSAs that reside above the bar.
Total storage currently allocated to GDSAs	SMSGDSATOTAL	The total amount of storage currently allocated to the DSAs above the bar.
The GETSTOR request size	SMSGETSTORSZ	The amount of storage that has been requested displayed as bytes.
Number of GSDSA ADD_SUBPOOL requests	SMSGSASR	The number of ADD_SUBPOOL requests for this DSA.
Number of GSDSA cushion releases	SMSGSCREL	Number of cushion releases.
Number of GSDSA requests failing with no storage	SMSGSCRISS	The number of times requests failed because of a short on storage (SOS) condition in this DSA.
Current GSDSA cushion size	SMSGSCSIZE	The size in bytes of the cushion for this DSA. The cushion is the amount of storage below which CICS goes short on storage.
Current requests suspended for GSDSA storage	SMSGSCSS	The current number of requests that have been suspended due to a shortage of storage.
Current number of subpools in GSDSA	SMSGSCSUBP	The current number of subpools (domain and task) in this DSA.
Current size of GSDSA	SMSGSDSASZ	The current size of this DSA expressed in bytes.
Number of GSDSA DELETE_SUBPOOL requests	SMSGSDSR	The number of DELETE_SUBPOOL requests for this DSA.
Number of GSDSA FREEMAIN requests	SMSGSFMREQ	The number of FREEMAIN requests for this DSA.
GSDSA Free storage	SMSGSFSTG	GSDSA Free storage.
Number of GSDSA GETMAIN requests	SMSGSGMREQ	The number of GETMAIN requests for this DSA.
Peak number of GSDSA requests suspended	SMSGSHWMSS	The peak number requests suspended for a shortage of storage in this DSA.
Largest free area in GSDSA	SMSGSLFA	Largest free area in GSDSA.
Number of GSDSA requests purged	SMSGSPWWS	The number of requests that were purged while suspended for storage in this DSA.
Number of times short on storage occurred in GSDSA	SMSGSSOS	The number of times CICS went short on storage (SOS) in this DSA, where SOS means that the cushion is currently in use, or at least one task is suspended for storage, or both.
Number of GSDSA storage violations	SMSGSSV	The number of GSDSA storage violations.
Total time spent short on storage in the GSDSA	SMSGSTSOS	The accumulated time that CICS has been short on storage in this DSA.
Number of GSDSA requests suspended	SMSGSUCSS	The number of times a GSDSA request with SUSPEND(YES) was suspended because of insufficient storage.

Table 37. Fields in CICSSTOR views (continued)

Field	Attribute name	Description
Number of GUDSA ADD_SUBPOOL requests	SMSGUASR	The number of ADD_SUBPOOL requests for this DSA.
Number of GUDSA cushion releases	SMSGUCREL	Number of cushion releases.
Number of GUDSA requests failing with no storage	SMSGUCRISS	The number of times requests failed because of a short on storage (SOS) condition in this DSA.
Current GUDSA cushion size	SMSGUCSIZE	The size in bytes of the cushion for this DSA. The cushion is the amount of storage below which CICS goes short on storage.
Current requests suspended for GUDSA storage	SMSGUCSS	The current number of requests that have been suspended due to a shortage of storage.
Current number of subpools in GUDSA	SMSGUCSUBP	The current number of subpools (domain and task) in this DSA.
Current size of GUDSA	SMSGUDSASZ	The current size of this DSA expressed in bytes.
Number of GUDSA DELETE_SUBPOOL requests	SMSGUDSR	The number of DELETE_SUBPOOL requests for this DSA.
Number of GUDSA FREEMAIN requests	SMSGUFMREQ	The number of FREEMAIN requests for this DSA.
GUDSA Free storage	SMSGUFSTG	GUDSA Free storage.
Number of GUDSA GETMAIN requests	SMSGUGMREQ	The number of GETMAIN requests for this DSA.
Peak number of GUDSA requests suspended	SMSGUHWMSS	The peak number requests suspended for a shortage of storage in this DSA.
Largest free area in GUDSA	SMSGULFA	Largest free area in GUDSA.
Number of GUDSA requests purged	SMSGUPWWS	The number of requests that were purged while suspended for storage in this DSA.
Number of times short on storage occurred in GUDSA	SMSGUSOS	The number of times CICS went short on storage (SOS) in this DSA, where SOS means that the cushion is currently in use, or at least one task is suspended for storage, or both.
Number of GUDSA storage violations	SMSGUSV	The number of GUDSA storage violations.
Total time spent short on storage in the GUDSA	SMSGUTSOS	The accumulated time that CICS has been short on storage in this DSA.
Number of GUDSA requests suspended	SMSGUUCSS	The number of times a GUDSA request with SUSPEND(YES) was suspended because of insufficient storage.
Peak GDSA allocated	SMSHGDSAALC	Peak GDSA allocated.
Peak number of real storage frames to back 64-bit private memory	SMSHPGSNREAL	The peak number of real storage frames used to back 64-bit private memory objects.
Number of aux slots used to back 64-bit private storage	SMSHVAXSLTS	Number of aux slots used to back 64-bit private storage.
Peak number of aux slots used to back 64-bit private storage	SMSHVGAXSTS	The peak number of aux slots used to back 64-bit private storage.
Peak address space that can be addressed	SMSHWMASACT	The peak address space storage that could be addressed.
Peak size of CDSA	SMSHWMCDSA	The peak size of this DSA expressed in bytes.
Peak amount of storage allocated to DSAs	SMSHWMDSATOT	The peak amount of storage allocated to the DSAs below the 16MB line.
Peak size of ECDSA	SMSHWMECDSA	The peak size of this DSA expressed in bytes.
Peak amount of storage allocated to EDSAs	SMSHWMEDSATO	The peak amount of storage allocated to the DSAs above the 16MB line.
Peak size of ERDSA	SMSHWMERDSA	The peak size of this DSA expressed in bytes.

Table 37. Fields in CICSSTOR views (continued)

Field	Attribute name	Description
Peak size of ESDSA	SMSHWMESDSA	The peak size of this DSA expressed in bytes.
Peak size of ETDSA	SMSHWMETDSA	The peak size of this DSA expressed in bytes.
Peak size of EUDSA	SMSHWMEUDSA	The peak size of this DSA expressed in bytes.
Peak size of GCDSA	SMSHWMGCDSA	The peak size of this DSA expressed in bytes.
Peak amount of GCDSA free storage (inc cushion)	SMSHWMGCFSTG	The peak amount of GCDSA free storage (inc cushion).
The peak amount of storage available for use above the bar	SMSHWMGDSAAC	The peak GDSA active
Peak amount of storage allocated to GDSAs	SMSHWMGDSATO	The peak amount of storage allocated to the DSAs above the bar.
Peak size of GSDSA	SMSHWMGSDSA	The peak size of this DSA expressed in bytes.
Peak amount of GSDSA free storage (inc cushion)	SMSHWMGSFSTG	The peak amount of GSDSA free storage (inc cushion).
Peak size of GUDSA	SMSHWMGUDSA	The peak size of this DSA expressed in bytes.
Peak amount of GUDSA free storage (inc cushion)	SMSHWMGUFSTG	The peak amount of GUDSA free storage (inc cushion).
Peak size of RDSA	SMSHWMRDSA	The peak size of this DSA expressed in bytes.
Peak size of SDSA	SMSHWMSDSA	The peak size of this DSA expressed in bytes.
Peak size of UDSA	SMSHWMUDSA	The peak size of this DSA expressed in bytes.
Number of Large Memory Objects allocated	SMSLRGMEMOBJ	Number of Large Memory Objects allocated by this address space.
Number of Large Pages owned by this address space	SMSLRGPGBNRL	Number of Large Pages (1MB pages) backed in real storage owned by this address space.
Number of bytes allocated from large virtual memory	SMSLVABYTES	Number of bytes allocated from large virtual memory in memory objects.
Peak number of usable bytes within large virtual memory objects	SMSLVGBYTES	The peak number of usable bytes within large virtual memory objects.
Number of bytes hidden with large virtual memory objects	SMSLVHBYTES	Number of bytes hidden with large virtual memory objects.
Number of private memory objects allocated	SMSLVNMOMBS	Number of private memory objects allocated.
Number of shared bytes allocated from high virtual memory	SMSLVSHRBTS	Number of shared bytes allocated from high virtual memory.
Peak number of shared bytes within large virtual memory objects	SMSLVSHRGBS	The peak number of shared bytes within large virtual memory objects.
Number of shared memory objects allocated	SMSLVSHRNMO	Number of shared memory objects allocated.
Lowest amount of GCDSA free storage (inc cushion)	SMSLWMGCFSTG	Lowest amount of GCDSA free storage (inc cushion).
Lowest amount of GSDSA free storage (inc cushion)	SMSLWMGSFSTG	Lowest amount of GSDSA free storage (inc cushion).
Lowest amount of GUDSA free storage (inc cushion)	SMSLWMGUFSTG	Lowest amount of GUDSA free storage (inc cushion).
Maximum amount of above bar storage	SMSMEMLIMIT	The current upper limit of the total amount of storage within which CICS can allocate the individual DSAs that reside above the bar. A value of 'N/A' means there is no limit to the amount of storage above the bar that CICS can use.

Table 37. Fields in CICSSTOR views (continued)

Field	Attribute name	Description
The source setting the memory limit	SMSMEMLIMSRC	The source that is setting the maximum amount of above the bar storage that CICS can use. • SMF - memory limit has been set by SMFPRMxx. • JCL - memory limit has been set by JCL. • REGION - memory limit has been set by JCL region. • IEFUSI - memory limit has been set by IEFUSI exit.
Number of page pools	SMSNPAGP	The number of DSAs in the CICS region.
Number of real storage frames used for 64-bit private memory	SMSPGSINREAL	Number of real storage frames used to back 64-bit private memory.
Number of RDSA ADD_SUBPOOL requests	SMSRASR	The number of ADD_SUBPOOL requests associated with this DSA.
Number of RDSA cushion releases	SMSRCREL	The number of cushion releases associated with this DSA.
Number of RDSA requests failing with no storage	SMSRCRISS	The number of times requests failed because of a short on storage (SOS) condition in this DSA.
Current RDSA cushion size	SMSRCSIZE	The size in bytes of the cushion for this DSA. The cushion is the amount of storage below which CICS goes short on storage.
Current number of RDSA subpools	SMSRCSUBP	The current number of subpools (domain and task) in this DSA.
Current size of RDSA	SMSRDSASZ	The current size of this DSA expressed in bytes.
Number of RDSA DELETE_SUBPOOL requests	SMSRDSR	The number of DELETE_SUBPOOL requests associated with this DSA.
Reentrant program protection status	SMSRENTPGM	Specifies whether Reentrant Program Protection was chosen for this execution of CICS. It protects CICS loaded programs from being written to directly.
Number of RDSA extents	SMSREXTS	The number of extents associated with this DSA.
Number of RDSA extents added	SMSREXTSA	The number of extents added to this DSA.
Number of RDSA extents released	SMSREXTSR	The number of extents released by this DSA.
Number of RDSA FREEMAIN requests	SMSRFMREQ	The number of FREEMAIN requests associated with this DSA.
Size of RDSA free storage including cushion	SMSRFSTG	The current amount of free storage in this DSA, expressed in KB.
Number of RDSA GETMAIN requests	SMSRGMREQ	The number of GETMAIN requests associated with this DSA.
Peak RDSA free storage level	SMSRHWMFSTG	The largest amount of free storage in this DSA since the last time that statistics were recorded.
Peak number of RDSA requests suspended	SMSRHWMSS	The peak number requests suspended for storage in this DSA.
Largest RDSA free area	SMSRLFA	The length of the largest contiguous free area of storage in this DSA expressed in bytes.
Lowest RDSA free storage level	SMSRLWMFSTG	The smallest amount of storage that is free in this DSA since the last time that statistics were recorded.
Number of RDSA requests purged	SMSRPWWS	The number of requests that were purged while suspended for storage in this DSA.
Number of requests for MVS storage causing wait	SMSRQWAITMVS	The number of MVS requests currently waiting for storage to become available.
Number of times short-on-storage occurred in RDSA	SMSRSOS	The number of times CICS went short-on-storage (SOS) in this DSA; where SOS means either that the cushion is currently in use and/or there is at least one task suspended for storage.
Number of RDSA storage violations	SMSRSV	The number of storage violations associated with this DSA.

Table 37. Fields in CICSSTOR views (continued)

Field	Attribute name	Description
Total time spent short-on-storage in the RDSA	SMSRTSOS	The accumulated time that CICS has been short-on-storage in this DSA.
Number of RDSA requests suspended	SMSRUCSS	The number of times an RDSA request with SUSPEND(YES) was suspended because of insufficient storage.
Number of SDSA ADD_SUBPOOL requests	SMSSASR	The number of ADD_SUBPOOL requests associated with this DSA.
Number of SDSA cushion releases	SMSSCREL	The number of cushion releases associated with this DSA.
Number of SDSA requests failing with no storage	SMSSCRISS	The number of times requests failed because of a short on storage (SOS) condition in this DSA.
Current SDSA cushion size	SMSSCSIZE	The size in bytes of the cushion for this DSA. The cushion is the amount of storage below which CICS goes short on storage.
Current number of subpools in the SDSA	SMSSCSUBP	The current number of subpools (domain and task) in this DSA.
Current size of SDSA	SMSSDSASZ	The current size of this DSA expressed in bytes.
Number of SDSA DELETE_SUBPOOL requests	SMSSDSR	The number of DELETE_SUBPOOL requests associated with this DSA.
Number of extents in the SDSA	SMSSEXTS	The number of extents associated with this DSA.
Number of SDSA extents added	SMSSEXTSA	The number of extents added to this DSA.
Number of SDSA extents released	SMSSEXTSR	The number of extents released by this DSA.
Number of SDSA FREEMAIN requests	SMSSFMREQ	The number of FREEMAIN requests associated with this DSA.
Size of SDSA free storage including cushion	SMSSFSTG	The current amount of free storage in this DSA, expressed in KB.
Number of SDSA GETMAIN requests	SMSSGMREQ	The number of GETMAIN requests associated with this DSA.
Peak SDSA free storage level	SMSSHWMFSTG	The largest amount of free storage in this DSA since the last time that statistics were recorded.
Peak number of SDSA requests suspended	SMSSHWMSS	The peak number requests suspended for storage in this DSA.
Largest SDSA free area	SMSSLFA	The length of the largest contiguous free area of storage in this DSA expressed in bytes.
Lowest SDSA free storage level	SMSSLWMFSTG	The smallest amount of storage that is free in this DSA since the last time that statistics were recorded.
Short on storage status above the bar	SMSSOSABAR	Indicates whether there is a short on storage condition: • NOTSOS - CICS is not short on storage above the bar. • SOS - CICS is short on storage above the bar.
Short on storage status above the line	SMSSOSALINE	Indicates whether there is a short on storage condition: • NOTSOS - CICS is not short on storage above the line. • SOS - CICS is short on storage above the line.
Short on storage status below the line	SMSSOSBLINE	Indicates whether there is a short on storage condition: • NOTSOS - CICS is not short on storage below the line. • SOS - CICS is short on storage below the line.

Table 37. Fields in CICSSTOR views (continued)

Field	Attribute name	Description
Short on storage status below the bar	SMSSOSSTATUS	Indicates whether there is a short on storage condition: • NOTSOS - CICS is not short on storage in any of the dynamic storage areas. • SOS - CICS is short on storage in at least one of the dynamic storage areas above and below 16MB. • SOSABOVE - CICS is short on storage in at least one of the dynamic storage areas above 16MB • SOSBELOW - CICS is short on storage in at least one of the dynamic storage areas below 16MB. **Note:** This field does not apply to above the bar storage.
Number of SDSA requests purged	SMSSPWWS	The number of requests that were purged while suspended for storage in this DSA.
Number of times short-on-storage occurred in SDSA	SMSSSOS	The number of times CICS went short-on-storage (SOS) in this DSA; where SOS means either that the cushion is currently in use and/or there is at least one task suspended for storage.
Number of SDSA storage violations	SMSSSV	The number of storage violations associated with this DSA.
Storage protection status	SMSSTGPROT	Indicates whether storage protection is active in this system.
Total time spent short-on-storage in the SDSA	SMSSTSOS	The accumulated time that CICS has been short-on-storage in this DSA.
Number of SDSA requests suspended	SMSSUCSS	The number of times a RDSA request with SUSPEND(YES) was suspended because of insufficient storage.
Total time waiting for MVS storage	SMSTMWAITMVS	The accumulated time spent waiting for MVS storage.
Transaction isolation status	SMSTRANISO	Indicates whether or not programs that are defined with EXECKEY(USER) are protected from other EXECKEY(USER) programs from reading and writing by providing isolation of the task-lifetime storage.
Number of UDSA ADD_SUBPOOL requests	SMSUASR	The number of ADD_SUBPOOL requests associated with this DSA.
Number of UDSA cushion releases	SMSUCREL	The number of cushion releases associated with this DSA.
Number of UDSA requests failing with no storage	SMSUCRISS	The number of times requests failed because of a short on storage (SOS) condition in this DSA.
Current UDSA cushion size	SMSUCSIZE	The size in bytes of the cushion for this DSA. The cushion is the amount of storage below which CICS goes short on storage.
Current number of subpools in the UDSA	SMSUCSUBP	The current number of subpools (domain and task) in this DSA.
Current size of UDSA	SMSUDSASZ	The current size of this DSA expressed in bytes.
Number of UDSA DELETE_SUBPOOL requests	SMSUDSR	The number of DELETE_SUBPOOL requests associated with this DSA.
Number of UDSA extents	SMSUEXTS	The number of extents associated with this DSA.
Number of UDSA extents added	SMSUEXTSA	The number of extents added to this DSA.
Number of UDSA extents released	SMSUEXTSR	The number of extents released by this DSA.
Number of UDSA FREEMAIN requests	SMSUFMREQ	The number of FREEMAIN requests associated with this DSA.
Size of UDSA free storage including cushion	SMSUFSTG	The current amount of free storage in this DSA, expressed in KB.
Number of UDSA GETMAIN requests	SMSUGMREQ	The number of GETMAIN requests from this DSA.
Peak UDSA free storage level	SMSUHWMFSTG	The largest amount of free storage in this DSA since the last time that statistics were recorded.

Table 37. Fields in CICSSTOR views (continued)

Field	Attribute name	Description
Peak number of UDSA requests suspended	SMSUHWMSS	The peak number requests suspended for storage in this DSA.
Largest UDSA free area	SMSULFA	The length of the largest contiguous free area of storage in this DSA expressed in bytes.
Lowest UDSA free storage level	SMSULWMFSTG	The smallest amount of storage that is free in this DSA since the last time that statistics were recorded.
Number of UDSA requests purged	SMSUPWWS	The number of requests that were purged while suspended for storage in this DSA.
Number of times short-on-storage occurred in UDSA	SMSUSOS	The number of times CICS went short-on-storage (SOS) in this DSA; where SOS means either that the cushion is currently in use and/or there is at least one task suspended for storage.
Total number of unique subspace users	SMSUSSCUM	The total number of tasks that have been allocated a unique subspace.
Current number of unique subspace users	SMSUSSCUR	The number of tasks currently allocated a unique subspace.
Peak number of unique subspace users	SMSUSSHWM	The peak number of tasks concurrently allocated a unique subspace.
Number of UDSA storage violations	SMSUSV	The number of storage violations associated with this DSA.
Total time spent short-on-storage in the UDSA	SMSUTSOS	The accumulated time that CICS has been short-on-storage in this DSA.
Number of UDSA requests suspended	SMSUUCSS	The number of times a UDSA request with SUSPEND(YES) was suspended because of insufficient storage.
Number of SDSA non-immediate GETMAIN requests	SNONIMMGET	The number of non-immediate GETMAIN requests associated with this DSA.
SDSA cushion release rate	SRATECREL	The rate per second of storage cushion releases for this DSA.
SDSA extent increase rate	SRATEEXTSA	The rate per second at which extents have been added to this DSA.
SDSA extent release rate	SRATEEXTSR	The rate per second at which extents have been released from this DSA.
SDSA FREEMAIN request rate	SRATEFM	The rate per second of FREEMAIN requests for this DSA.
SDSA GETMAIN request rate	SRATEGM	The rate per second of GETMAIN requests for this DSA.
SDSA storage violation rate	SRATESTORV	The rate per second of storage violations for this DSA.
Average time spent short-on-storage (SOS) in UDSA	UAVGTIMESOS	The average time that CICS has been short-on-storage (SOS) in the user dynamic storage area (UDSA).
Number of UDSA non-immediate GETMAIN requests	UNONIMMGET	The number of non-immediate GETMAIN requests associated with this DSA.
UDSA cushion release rate	URATECREL	The rate per second of storage cushion releases for this DSA.
UDSA extent increase rate	URATEEXTSA	The rate per second at which extents have been added to this DSA.
UDSA extent release rate	URATEEXTSR	The rate per second at which extents have been released from this DSA.
UDSA FREEMAIN request rate	URATEFM	The rate per second of FREEMAIN requests for this DSA.
UDSA GETMAIN request rate	URATEGM	The rate per second of GETMAIN requests for this DSA.
UDSA storage violation rate	URATESTORV	The rate per second of storage violations for this DSA.

MVS storage areas - MVSESTG

The **MVS storage areas** (MVSESTG) views display information about MVS storage elements for TCBs in CICS systems.

Supplied views

To access from the main menu, click:

CICS operations views > **CICS region operations views** > **MVS storage areas**

Table 38. Views in the supplied **MVS storage areas** *(MVSESTG) view set*

View	Notes
MVS storage areas EYUSTARTMVSESTG.DETAILED	Detailed information about a selected MVS storage element.
MVS storage areas EYUSTARTMVSESTG.TABULAR	Tabular information about MVS storage elements within each CICS system.

Actions

None.

Fields

Table 39. Fields in MVSESTG views

Field	Attribute name	Description
Storage element address	ELEMENTADDR	The start address of the element of storage. The start address returned does not include the leading check zone.
Element length	ELEMENTLEN	The length of the element of storage. The length returned does not include the leading or trailing check zones.
Element length in use	INUSELENGTH	The length of the element in use.
Storage key	STORAGEKEY	The storage key.
Subpool number	SUBPOOLNUM	The MVS subpool number.
Address of MVS TCB	TCBADDRESS	The address of the MVS TCB.

Domain subpool - DOMSPOOL

The **Domain subpool** (DOMSPOOL) views display information about CICS domain subpools in an active system being managed by CICSPlex SM.

Supplied views

To access from the main menu, click:

CICS operations views > **CICS region operations views** > **Domain subpool**

Table 40. Views in the supplied **Domain Subpool** *(DOMSPOOL) view set*

View	Notes
Domain Subpool EYUSTARTDOMSPOOL.DETAILED	No help available.
Domain Subpool EYUSTARTDOMSPOOL.TABULAR	No help available.

Actions

None.

Fields

Table 41. Fields in DOMSPOOL views

Field	Attribute name	Description
Percentage of DSA used by elements	DSAELEMPCT	The amount of storage used by elements in all the task subpools in this DSA expressed as a percentage.
Percentage of DSA used by pages	DSAPAGEPCT	Percentage of DSA used by pages.
Peak percentage of DSA page use	DSAPAGEPPCT	Peak percentage of DSA page use.
FREEMAIN rate since last reset	FREEMAINRTE	The rate per second of FREEMAIN requests since the counters for the requested statistics were last reset.
GETMAIN rate since last reset	GETMAINRTE	The rate per second of GETMAIN requests since the counters for the requested statistics were last reset.
Percentage of page pool used by elements	PAGEELEMPCT	Percentage of page pool used by elements.
Percentage of page pool used by pages	PAGEPAGEPCT	Percentage of page pool used by pages.
Peak percentage of page pool used by pages	PAGEPAGPPCT	Peak percentage of page pool used by pages.
Subpool access type	SMDACCESS	Is the type of access of the subpool. It is either CICS, USER, TRUSTED or READONLY. If storage protection is not active, all storage areas revert to CICS except those in the ERDSA.
Subpool element boundary	SMDBNDRY	Is the boundary on which each element is aligned. This is a power of 2 in the range 8 through 4096 bytes.
Current number of elements	SMDCELEM	The current number of storage elements in use; that is, the number that have been GETMAINed but not yet FREEMAINed.
Sum of all element lengths	SMDCES	The amount of storage in bytes of the current elements.
Current page storage	SMDCPS	The current amount of page storage for this subpool. Below the bar the storage will be in kilobytes, above the bar it will be in megabytes.
Name of dynamic storage area (DSA)	SMDDSANAME	The abbreviated name of the CICS dynamic storage area in which the subpool resides.
Element chaining indicator	SMDELCHN	The assembler DSECT field name has the value X'01' or X'02', indicating whether or not SM maintains an element chain for the subpool with the addresses and lengths of each element.
Subpool element type	SMDETYPE	Indicates whether all elements in the subpool are fixed length or variable length.
Subpool element length	SMDFLEN	The length of each subpool element (applicable to fixed length subpools only).
Number of FREEMAIN requests	SMDFMREQ	The number of FREEMAIN requests issued for this subpool.
Number of GETMAIN requests	SMDGMREQ	The number of GETMAIN requests issued for this subpool.
Peak page storage	SMDHWMPS	The peak amount of page storage for this subpool. Below the bar the storage will be in kilobytes, above the bar it will be in megabytes.
Initial free area size	SMDIFREE	The total number of kilobytes of the elements that are initially allocated when the subpool is preallocated.

Table 41. Fields in DOMSPOOL views (continued)

Field	Attribute name	Description
Location above/below 16M or above the bar	SMDLOCN	Indicates the location of this domain subpool above the 16MB boundary, below the 16MB boundary or above the bar.
Domain subpool name	SMDSPN	The name of the temporary storage main subpool.
Current size of DSA in bytes	SMSDSABYTES	Is the current size of the CDSA, UDSA, SDSA, RDSA, ECDSA, EUDSA, ESDSA, ERDSA, ETDSA, GCDSA, GUDSA or GSDSA in bytes.
Current size of DSA	SMSDSASZ	Is the current size of the CDSA, UDSA, SDSA, RDSA, ECDSA, EUDSA, ESDSA, ERDSA, ETDSA (expressed in bytes) or GCDSA, GUDSA and GSDSA (expressed in megabytes).
Current DSA total	SMSDSATOTAL	Total amount of storage currently allocated to the DSAs below the line. This value may be smaller or larger than SMSDSALIMIT.

Task subpool - TSKSPOOL

The **Task subpool** (TSKSPOOL) views display information about a CICS task storage subpool in an active system being managed by CICSPlex SM.

Supplied views

To access from the main menu, click:

CICS operations views > CICS region operations views > Task subpool

Table 42. Views in the supplied **Task subpool** *(TSKSPOOL) view set*

View	Notes
Task subpool EYUSTARTTSKSPOOL.DETAILED	No help available.
Task subpool EYUSTARTTSKSPOOL.TABULAR	No help available.

Actions

None.

Fields

Table 43. Fields in TSKSPOOL views

Field	Attribute name	Description
Percentage of DSA used by elements	DSAELEMPCT	The amount of storage used by elements in all the task subpools in this DSA expressed as a percentage.
Peak percentage of DSA page use	DSAPAGPPCT	The sum of the storage in all pages allocated to task subpools within this DSA, expressed as a percentage.
FREEMAIN rate since last reset	FREEMAINRTE	The rate per second of FREEMAIN requests since the counters for the requested statistics were last reset.
GETMAIN rate since last reset	GETMAINRTE	The rate per second of GETMAIN requests since the counters for the requested statistics were last reset.
Percentage of page pools used	PAGEPAGEPCT	The sum of the storage in all pages allocated to task subpools within this DSA, expressed as a percentage.
Subpool access type	SMTACCESS	The type of access of the subpool. It is either CICS or USER.
Sum of all element lengths	SMTCES	The sum of the storage occupied by all elements in task subpools within this DSA, expressed in bytes.

Table 43. Fields in TSKSPOOL views (continued)

Field	Attribute name	Description
Current number of elements	SMTCNE	The number of elements in the task subpool.
Current page storage	SMTCPS	The sum of the storage in all pages allocated to this task subpool.
Name of dynamic storage area (DSA)	SMTDSANAME	The name of the DSA from which this task storage has been allocated. Values can be 'CDSA', 'UDSA', 'ECDSA', or 'EUDSA'.
Number of FREEMAIN requests	SMTFMREQ	The number of task subpool FREEMAIN requests from this DSA.
Number of GETMAIN requests	SMTGMREQ	The number of task subpool GETMAIN requests from this DSA.
Peak page storage	SMTHWMPS	The peak page storage allocated to support task storage activity in this DSA.
Location of task subpool above/below 16MB	SMTLOCN	Indicates whether the DSA is above or below the 16MB line.

Loader information - LOADER

The **CICS Loader** (LOADER) views display CICS loader information in active systems being managed by CICSPlex SM.

Supplied views

To access from the main menu, click:

CICS operations views > **CICS region operations views** > **Loader information**

Table 44. Views in the supplied **Loader global** *(LOADER) view set*

View	Notes
Loader global EYUSTARTLOADER.DETAILED	
Loader global EYUSTARTLOADER.TABULAR	

Actions

None.

Fields

Table 45. Fields in LOADER views

Field	Attribute name	Description
Average load time	ALOADTIME	The average time to load a program expressed as hours:minutes:seconds.decimals.
Average waiting time for program loads	ALOADWAIT	The average time spent waiting to load a program expressed as hours:minutes:seconds.decimals.
Average age on CDSA Not-In-Use (NIU) queue	ANIUQCDSA	The average length of time that a program is eligible for removal from storage by the DPSC mechanism for this DSA. This value is calculated by DFHSTUP.
Average age on ECDSA Not-In-Use (NIU) queue	ANIUQECDSA	The average length of time that a program is eligible for removal from storage by the DPSC mechanism for this DSA. This value is calculated by DFHSTUP.

Table 45. Fields in LOADER views (continued)

Field	Attribute name	Description
Average age on ERDSA Not-In-Use (NIU) queue	ANIUQERDSA	The average length of time that a program is eligible for removal from storage by the DPSC mechanism for this DSA. This value is calculated by DFHSTUP.
Average age on ESDSA Not-In-Use (NIU) queue	ANIUQESDSA	The average length of time that a program is eligible for removal from storage by the DPSC mechanism for this DSA. This value is calculated by DFHSTUP.
Average age on RDSA Not-In-Use (NIU) queue	ANIUQRDSA	The average length of time that a program is eligible for removal from storage by the DPSC mechanism for this DSA. This value is calculated by DFHSTUP.
Average age on SDSA Not-In-Use (NIU) queue	ANIUQSDSA	The average length of time that a program is eligible for removal from storage by the DPSC mechanism for this DSA. This value is calculated by DFHSTUP.
Number of CDSA programs removed by compression	LDGDPSCRC	The number of program instances for this DSA removed from storage by the dynamic program storage compression (DPSC) mechanism.
Number of ECDSA programs removed by compression	LDGDPSCREC	The number of program instances for this DSA removed from storage by the dynamic program storage compression (DPSC) mechanism.
Number of ERDSA programs removed by compression	LDGDPSCRER	The number of program instances for this DSA removed from storage by the dynamic program storage compression (DPSC) mechanism.
Number of ESDSA programs removed by compression	LDGDPSCRES	The number of program instances for this DSA removed from storage by the dynamic program storage compression (DPSC) mechanism.
Number of RDSA programs removed by compression	LDGDPSCRR	The number of program instances for this DSA removed from storage by the dynamic program storage compression (DPSC) mechanism.
Number of SDSA programs removed by compression	LDGDPSCRS	The number of program instances for this DSA removed from storage by the dynamic program storage compression (DPSC) mechanism.
Total time for CDSA programs on Not-In-Use queue	LDGDPSCTC	The amount of time in hours, minutes and seconds spent by programs on the Not-In-Use (NIU) queue for this DSA.
Total time for ECDSA programs on Not-In-Use queue	LDGDPSCTEC	The amount of time in hours, minutes and seconds spent by programs on the Not-In-Use (NIU) queue for this DSA.
Total time for ERDSA programs on Not-In-Use queue	LDGDPSCTER	The amount of time in hours, minutes and seconds spent by programs on the Not-In-Use (NIU) queue for this DSA.
Total time for ESDSA programs on Not-In-Use queue	LDGDPSCTES	The amount of time in hours, minutes and seconds spent by programs on the Not-In-Use (NIU) queue for this DSA.
Total time for RDSA programs on Not-In-Use queue	LDGDPSCTR	The amount of time in hours, minutes and seconds spent by programs on the Not-In-Use (NIU) queue for this DSA.
Total time for SDSA programs on Not-In-Use queue	LDGDPSCTS	The amount of time in hours, minutes and seconds spent by programs on the Not-In-Use (NIU) queue for this DSA.
Number of successful load retries	LDGDREBS	The number of times the loader received an end-of-extent condition during a LOAD and successfully closed and re-opened the DFHRPL or dynamic LIBRARY concatenation and retried the LOAD.
Number of times waiting loader requests peaked	LDGHWMT	The number of times the high watermark level indicated by LDGWLRHW was reached.
LIBRARY search order updates	LDGLBSOU	The number of LIBRARY search order updates.

Table 45. Fields in LOADER views (continued)

Field	Attribute name	Description
Number of LIBRARY load requests	LDGLLR	The number of times the loader has issued an MVS LOAD request to load programs from the DFHRPL or dynamic LIBRARY concatenation into CICS managed storage. Modules in the LPA are not included in this figure.
Number of library load requests on the RO TCB	LDGLLRRO	The number of times program load requests have been issued on the RO TCB.
Total time for all loads	LDGLLT	The time taken for the number of library loads indicated by LDGLLR.
Time taken to load programs on the RO TCB	LDGLLTRO	Time taken to load programs on the RO TCB
LIBRARY search order update time	LDGLSORT	The amount of time spent updating the LIBRARY search order.
Load requests waited due to search order update	LDGLWSOU	The number of waits for a program load due to LIBRARY search order updates.
Number of CDSA programs on Not-In-Use (NIU) queue	LDGPROGNIUC	The number of programs on the Not-In-Use (NIU) queue for this DSA.
Number of ECDSA programs on Not-In-Use (NIU) queue	LDGPROGNIUEC	The number of programs on the Not-In-Use (NIU) queue for this DSA.
Number of ERDSA programs on Not-In-Use (NIU) queue	LDGPROGNIUER	The number of programs on the Not-In-Use (NIU) queue for this DSA.
Number of ESDSA programs on Not-In-Use (NIU) queue	LDGPROGNIUES	The number of programs on the Not-In-Use (NIU) queue for this DSA.
Number of RDSA programs on Not-In-Use (NIU) queue	LDGPROGNIUR	The number of programs on the Not-In-Use (NIU) queue for this DSA.
Number of SDSA programs on Not-In-Use (NIU) queue	LDGPROGNIUS	The number of programs on the Not-In-Use (NIU) queue for this DSA.
Number of program uses	LDGPUSES	The number of uses of any program by the CICS system.
Number of CDSA reclaims from Not-In-Use queue	LDGRECNIUC	The number of reclaims that CICS has made from the Not-In-Use (NIU) queue for this DSA. Reclaims occur when a request is issued for programs currently in the Not-In-Use queue. The reclaimed instance of a program is no longer eligible for program compression (DPSC).
Number of ECDSA reclaims from Not-In-Use queue	LDGRECNIUEC	The number of reclaims that CICS has made from the Not-In-Use (NIU) queue for this DSA. Reclaims occur when a request is issued for programs currently in the Not-In-Use queue. The reclaimed instance of a program is no longer eligible for program compression (DPSC).
Number of ERDSA reclaims from Not-In-Use queue	LDGRECNIUER	The number of reclaims that CICS has made from the Not-In-Use (NIU) queue for this DSA. Reclaims occur when a request is issued for programs currently in the Not-In-Use queue. The reclaimed instance of a program is no longer eligible for program compression (DPSC).
Number of ESDSA reclaims from Not-In-Use queue	LDGRECNIUES	The number of reclaims that CICS has made from the Not-In-Use (NIU) queue for this DSA. Reclaims occur when a request is issued for programs currently in the Not-In-Use queue. The reclaimed instance of a program is no longer eligible for program compression (DPSC).
Number of RDSA reclaims from Not-In-Use queue	LDGRECNIUR	The number of reclaims that CICS has made from the Not-In-Use (NIU) queue for this DSA. Reclaims occur when a request is issued for programs currently in the Not-In-Use queue. The reclaimed instance of a program is no longer eligible for program compression (DPSC).
Number of SDSA reclaims from Not-In-Use queue	LDGRECNIUS	The number of reclaims that CICS has made from the Not-In-Use (NIU) queue for this DSA. Reclaims occur when a request is issued for programs currently in the Not-In-Use queue. The reclaimed instance of a program is no longer eligible for program compression (DPSC).

Table 45. Fields in LOADER views (continued)

Field	Attribute name	Description
Size of CDSA occupied by Not-In-Use (NIU) programs	LDGSTGNIUC	The number of bytes of this DSA's storage occupied by programs on the Not-In-Use (NIU) queue.
Size of ECDSA occupied by Not-In-Use programs	LDGSTGNIUEC	The number of bytes of this DSA's storage occupied by programs on the Not-In-Use (NIU) queue.
Size of ERDSA occupied by Not-In-Use programs	LDGSTGNIUER	The number of bytes of this DSA's storage occupied by programs on the Not-In-Use (NIU) queue.
Size of ESDSA occupied by Not-In-Use programs	LDGSTGNIUES	The number of bytes of this DSA's storage occupied by programs on the Not-In-Use (NIU) queue.
Size of RDSA occupied by Not-In-Use (NIU) programs	LDGSTGNIUR	The number of bytes of this DSA's storage occupied by programs on the Not-In-Use (NIU) queue.
Size of SDSA occupied by Not-In-Use (NIU) programs	LDGSTGNIUS	The number of bytes of this DSA's storage occupied by programs on the Not-In-Use (NIU) queue.
Total time spent waiting for loader	LDGTTW	The suspended time for the number of tasks indicated by LDGWTDLR.
Number of loader requests waiting	LDGWLR	The number of loader domain requests that are currently forced to suspend due to the loader domain currently performing an operation on that program on behalf of another task.
Peak number of waiting loader requests	LDGWLRHW	The maximum number of tasks suspended at one time.
Number of loader requests that waited	LDGWTDLR	The number of loader domain requests that were forced to suspend due to the loader domain performing an operation on that program on behalf of another task.
Rate of program loading	LOADRATE	The rate per second of program load requests.
Percentage of CDSA held by Not-In-Use programs	PCDSANIU	The amount of this DSA's storage held by programs on the Not-In-Use (NIU) queue expressed as a percentage.
Percentage of ECDSA held by Not-In-Use programs	PECDSANIU	The amount of this DSA's storage held by programs on the Not-In-Use (NIU) queue expressed as a percentage.
Percentage of ERDSA held by Not-In-Use programs	PERDSANIU	The amount of this DSA's storage held by programs on the Not-In-Use (NIU) queue expressed as a percentage.
Percentage of ESDSA held by Not-In-Use programs	PESDSANIU	The amount of this DSA's storage held by programs on the Not-In-Use (NIU) queue expressed as a percentage.
Percentage of waits to program uses	PLOADWAIT	The amount of time suspended tasks spent waiting for loader domain requests expressed as a percentage.
Percentage of RDSA held by Not-In-Use programs	PRDSANIU	The amount of this DSA's storage held by programs on the Not-In-Use (NIU) queue expressed as a percentage.
Percentage of SDSA held by Not-In-Use programs	PSDSANIU	The amount of this DSA's storage held by programs on the Not-In-Use (NIU) queue expressed as a percentage.
Percentage Not-In-Use of DSAs below 16MB in CDSA	PSTGNIUC	The number of programs on the Not-In-Use (NIU) queue for this DSA expressed as a percentage.
Percent Not-In-Use of DSAs above 16MB in ECDSA	PSTGNIUEC	The number of programs on the Not-In-Use (NIU) queue for this DSA expressed as a percentage.
Percentage Not-In-Use of DSAs above 16MB in ERDSA	PSTGNIUER	The number of programs on the Not-In-Use (NIU) queue for this DSA expressed as a percentage.
Percent Not-In-Use of DSAs above 16MB in ESDSA	PSTGNIUES	The number of programs on the Not-In-Use (NIU) queue for this DSA expressed as a percentage.
Percentage Not-In-Use of DSAs below 16MB in RDSA	PSTGNIUR	The number of programs on the Not-In-Use (NIU) queue for this DSA expressed as a percentage.
Percentage Not-In-Use of DSAs below 16MB in SDSA	PSTGNIUS	The number of programs on the Not-In-Use (NIU) queue for this DSA expressed as a percentage.
Total waiting time for program loads	TLOADWAIT	The amount of time suspended tasks spent waiting for loader domain requests to be satisfied.

Loader by dynamic storage area - LOADACT

The **CICS loader by dynamic storage area** (LOADACT) views display CICS loader information in an active system being managed by CICSPlex SM.

Supplied views

To access from the main menu, click:

CICS operations views > CICS region operations views > Loader by dynamic storage area

Table 46. Views in the supplied **Loader by dynamic storage area** *(LOADACT) view set*

View	Notes
Loader by dynamic storage area EYUSTARTLOADACT.DETAILED	No help available.
Loader by dynamic storage area EYUSTARTLOADACT.TABULAR	No help available.

Actions

None.

Fields

Table 47. Fields in LOADACT views

Field	Attribute name	Description
Average program load time	ALOADTIME	The average time to load a program from the DFHRPL or dynamic LIBRARY concatenation into CICS managed storage.
Average waiting time for program loads	ALOADWAIT	The average amount of time suspended tasks spent waiting for loader domain requests to be satisfied.
Average age on DSA Not-In-Use (NIU) queue	ANIUQDSA	The average time between a program becoming eligible for removal from storage by the DPSC and the actual time of its removal from storage.
Number of programs removed from DSA by compression	LDGDPSCR	The number of program instances removed from storage by the dynamic program storage compression (DPSC) mechanism.
Total time for DSA programs on Not-In-Use queue	LDGDPSCT	The program not-in-use (NIU) queue membership time. For each program that becomes eligible for removal from storage by the DPSC mechanism, the time between the program becoming eligible and the actual time of its being removed from storage is calculated. This field is the sum of these times for all programs removed by the DPSC mechanism and as such can be greater than the elapsed CICS run time. This field does not include the wait time for those programs reclaimed from the not-in-use queue.
Number of successful load retries	LDGDREBS	The number of times the loader received an end-of-extent condition during a LOAD and successfully closed and re-opened the DFHRPL or dynamic LIBRARY concatenation and retried the LOAD.
DSA index	LDGDSAINDEX	The loader DSA index.
Number of times loader waiting requests peaked	LDGHWMT	The number of times the high watermark level indicated by LDGWLRHW was reached. This, along with the fields; LDGWTDLR and LDGWLRHW, is an indication of the level of contention for loader resource.

Table 47. Fields in LOADACT views (continued)

Field	Attribute name	Description
Number of library load requests	LDGLLR	The number of times the loader has issued an MVS LOAD request to load programs from the DFHRPL or dynamic LIBRARY concatenation into CICS managed storage. Modules in the LPA are not included in this figure.
Number of library load requests on the RO TCB	LDGLLRRO	The number of times program load requests have been issued on the RO TCB.
Total time taken for all program loads	LDGLLT	The total time taken to load programs from the DFHRPL or dynamic LIBRARY concatenation into CICS managed storage.
Time taken to load programs on the RO TCB	LDGLLTRO	Time taken to load programs on the RO TCB
Number of programs on Not-In-Use (NIU) queue	LDGPROGNIU	The number of programs on the not-in-use (NIU) queue.
Number of program uses	LDGPUSES	The number of uses of any program by the CICS system.
Number of DSA reclaims from Not-In-Use (NIU) queue	LDGRECNIU	The number of reclaims that CICS has made from the not-in-use (NIU) queue. Reclaims occur when a request is issued for programs currently in the not-in-use queue. The reclaimed instance of a program is no longer eligible for program compression.
Size of DSA occupied by Not-In-Use (NIU) programs	LDGSTGNIU	The current amount of DSA storage which is occupied by not-in-use (NIU) programs.
Total time spent waiting for loader	LDGTTW	The total time spent waiting by requests that were forced to suspend due to the loader domain performing an operation on that program on behalf of another task.
Number of loader requests waiting	LDGWLR	The number of loader domain requests that are currently forced to suspend due to the loader domain performing an operation on that program on behalf of another task.
Peak number of waiting loader requests	LDGWLRHW	The maximum number of tasks suspended at one time.
Number of loader requests that waited	LDGWTDLR	The number of loader domain requests that were forced to suspend due to the loader domain performing an operation on that program on behalf of another task. This figure is the total number of tasks that have waited, and does not include those that are currently waiting (LDGWLR).
Rate of program loading	LOADRATE	The number of times per second the loader has issued an MVS LOAD request to load programs from the DFHRPL or dynamic LIBRARY concatenation into CICS managed storage.
Percentage of DSA held by Not-In-Use programs	PDSANIU	The current amount of DSA storage which is occupied by not-in-use (NIU) programs expressed as a percentage.
Percentage of waits to program uses	PLOADWAIT	The number of program waits expressed as a percentage of the total program uses.
Percentage Not-In-Use of DSAs above/below 16MB	PSTGNIU	The number of DSAs which are occupied by not-in-use (NIU) programs expressed as a percentage.
Total waiting time for program loads	TLOADWAIT	The total time spent in waits by all programs.

Transaction classes - TRANCLAS

The **Transaction class** (TRANCLAS) views display information about the transaction classes for each CICS system.

Supplied views

To access from the main menu, click:

CICS operations views > CICS region operations views > Transaction classes

Table 48. Views in the supplied **Transaction classes** *(TRANCLAS) view set*

View	Notes
Transaction classes EYUSTARTTRANCLAS.DETAIL1	Detailed information about the resource signature.
Transaction classes EYUSTARTTRANCLAS.DETAILED	Detailed information about a selected transaction class.
Transaction classes EYUSTARTTRANCLAS.DISCARD	Discard a transaction class from the CICS system where it is installed.
Transaction classes EYUSTARTTRANCLAS.SET	Display the **Transaction classes Set** view in order to change the attributes of a selected transaction class.
Transaction classes EYUSTARTTRANCLAS.TABULAR	Tabular information about transaction classes for each CICS system.

Actions

Table 49. Actions available for TRANCLAS views

Action	Description
DISCARD	Discard a transaction class from the CICS system where it is installed.
SET	Display the **Transaction classes Set** view in order to change the attributes of a selected transaction class.

Fields

Table 50. Fields in TRANCLAS views

Field	Attribute name	Description
Number of transactions accepted after being queued	ACCEPTAFTRQD	The number of transactions that have been accepted to run after being queued.
Number of transactions accepted immediately	ACCEPTIMMED	The number of transactions that have been accepted to run immediately.
Number of transactions currently active in class	ACTIVE	The total number of transactions currently active in the class.
Peak number of active transactions	ACTIVEPEAK	The highest number of transactions active in the class at any one time.
Total number of attach requests	ATTACHES	The total number of attach requests.
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.

Table 50. Fields in TRANCLAS views (continued)

Field	Attribute name	Description
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Total time transactions currently queued	CURQUEDTIME	The amount of time spent waiting by those transactions that are currently queued in this transaction class.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • GRPLIST - The resource was installed by GRPLIST INSTALL.
Number of transaction definitions installed	INSTALLDEFS	The total number of transaction definitions currently installed.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Maximum number of transactions allowed in class	MAXACTIVE	The maximum number of transactions that are allowed to run in the class concurrently.
Transaction class name	NAME	The 8-character transaction class name.
Number of transactions purged due to threshold	PURGEIMMED	The number of transactions purged due to the defined threshold being reached.
Purge threshold	PURGETHRESH	The maximum number of transactions in this class that can be queued awaiting initial dispatch. Transactions in this class that arrive while the queue is at its PURGETHRESH limit are purged. When the size of the queue is unlimited (other than by the storage available to attach tasks), **NO** is displayed.
Number of transactions purged while queued	PURGEWHILEQD	The number of transactions that were purged while queued in this class.
Number of times purge threshold met	PURGTHRTIMES	The number of times the purge threshold was reached.
Number of transactions currently queued	QUEUED	The number of transactions that are currently queued awaiting initial dispatch. Queuing occurs either because the number of active tasks is already at the maximum, or because the maximum for the system has been reached.
Peak number of queued transactions	QUEUEDPEAK	The highest number of transactions queued in this class at any one time.
Total time transactions queued	QUEUETIME	The total amount of time transactions have been queued in this class.
Times maximum active transactions reached	TIMESATMAX	The number of times this transaction class has reached its defined maximum.
Total number of transactions queued	TOTQUEDCNT	The total number of transactions that have been queued in this class.

System dump codes - SYSDUMP

The **CICS system dump code** (SYSDUMP) views display information about system dump codes for active CICS systems.

Supplied views

To access from the main menu, click:

CICS operations views > CICS region operations views > System dump codes

Table 51. Views in the supplied **CICS system dump codes** *(SYSDUMP) view set*

View	Notes
CICS system dump codes EYUSTARTSYSDUMP.ADD	Create a new system dump code. Specify the scope, the code, the maximum number of dumps allowed, whether or not you want a CICS system to shut down if it gets an error related to this code, and whether or not you want CICSPlex SM to take a system dump following an occurrence of this code.
CICS system dump codes EYUSTARTSYSDUMP.DELETE	Remove the system dump code from the dump code table.
CICS system dump codes EYUSTARTSYSDUMP.DETAILED	Detailed information about a selected system dump code.
CICS system dump codes EYUSTARTSYSDUMP.RESET	Reset the number of dump calls for the system dump code to 0.
CICS system dump codes EYUSTARTSYSDUMP.SET	Display the CICS system dump code Set view.
CICS system dump codes EYUSTARTSYSDUMP.TABULAR	Tabular information about system dump codes for active CICS systems.

Actions

Table 52. Actions available for SYSDUMP views

Action	Description
ADD	Create a new system dump code. Specify the scope, the code, the maximum number of dumps allowed, whether or not you want a CICS system to shut down if it gets an error related to this code, and whether or not you want CICSPlex SM to take a system dump following an occurrence of this code.
DELETE	Remove the system dump code from the dump code table.
RESET	Reset the number of dump calls for the system dump code to 0.
SET	Display the CICS system dump code Set view.

Fields

Table 53. Fields in SYSDUMP views

Field	Attribute name	Description
Number of dump calls since last reset	CURRENT	The number of dump calls that have been made for this system dump code since the value was last reset to 0. This value can be reset using the INITIALIZE action command. Note that it is possible for this value to be higher than the value in the System Dumps Taken field, which is reset by CICS end-of-day. If this value was initialized shortly before the end-of-day statistics reset, the number of current dumps could exceed the total number of dumps taken.

Table 53. Fields in SYSDUMP views (continued)

Field	Attribute name	Description
Dump analysis and elimination (DAE) option	DAEOPTION	Indicates whether a dump produced for this system dump code is eligible for suppression by the MVS dump analysis and elimination (DAE) component: • DAE - The dump is eligible for DAE suppression. • NODAE - The dump is not eligible for DAE suppression. If CICS determines a dump should be written, MVS will not suppress it.
Data space name list	DSPLIST	Specifies a comma separated list of data space names that will be dumped when a dump with this dumpcode is performed. This attribute can only be modified through CEMT or the CICS System Programming Interface.
Job name list	JOBLIST	Specifies a comma separated list of address space names that will be dumped when a dump with this dumpcode is performed. This attribute can only be modified through CEMT or the CICS System Programming Interface.
Maximum number of dumps with this code	MAXIMUM	The maximum number of dump calls for this system dump code that result in a system dump being taken. Input Values: 0 - 999 (SYSDUMP only)
Number of system dumps suppressed	SDMPSUPP	The number of system dumps requested for this system dump code (by CICS or a user) that were suppressed by one of the following: • a user exit • the dump table • a global system dump suppression
Number of system dumps taken	SDMPTOTL	The number of system dumps taken for this system dump code since the last CICS end-of-day statistics reset. This number does not include suppressed dumps.
System dump scope type	SDUMPSCOPE	Indicates whether SDUMP requests with this system dump code are sent to other MVS images in the sysplex. The MVS images would be those that are running XCF/MRO connected CICS systems related to the CICS system that initiated the dump request: • LOCAL - SDUMP requests are not sent to related CICS systems. • RELATED - SDUMP requests are sent to related CICS systems. The CICS systems must be running under MVS/ESA 5.1 or later with the MVS workload manager.
Shutdown option	SHUTOPTION	Indicates whether the CICS system is to be shut down after a call to this system dump code. Input Values: SHUTDOWN, NOSHUTDOWN
System dump code	SYSDUMPCODE	Specifies the 8-character system dump code for which the system dump table entry is to be modified. A valid system dump code contains no leading or imbedded blanks.
System dump option	SYSDUMPING	Specifies whether a system dump request with this code should produce a dump. CVDA values are: • NOSYSDUMP - A dump is not to be taken. • SYSDUMP - A dump is to be taken. Even when SYSDUMP is specified, CICS takes a dump only if the number of requests for this code is less than the MAXIMUM and system dumps are not suppressed globally (see the DUMPING option of the INQUIRE SYSTEM command). MVS may also be allowed to suppress the dump if appropriate, depending on the DAEOPTION value.

Transaction dump codes - TRANDUMP

The **CICS transaction dump codes** (TRANDUMP) views display information about transaction dump codes for active CICS systems.

Supplied views

To access from the main menu, click:

CICS operations views > CICS region operations views > Transaction dump codes

Table 54. Views in the supplied **Transaction dump codes** *(TRANDUMP) view set*

View	Notes
Transaction dump codes EYUSTARTTRANDUMP.ADD	Display the CICS transaction dump code Add view in order to create a new transaction dump code. Specify the scope, the code, the maximum number of dumps allowed, whether or not you want a CICS system to shut down if it gets an error related to this code, and whether or not you want CICSPlex SM to take a transaction or system dump following an occurrence of this dump code.
Transaction dump codes EYUSTARTTRANDUMP.DELETE	Remove the dump code from the transaction dump code table in each CICS system where it is listed.
Transaction dump codes EYUSTARTTRANDUMP.DETAILED	Detailed information about a selected transaction dump code.
Transaction dump codes EYUSTARTTRANDUMP.RESET	Reset the number of dump calls for the transaction dump code to 0.
Transaction dump codes EYUSTARTTRANDUMP.SET	Display the CICS transaction dump code Set view in order to change the attributes of a selected dump code.
Transaction dump codes EYUSTARTTRANDUMP.TABULAR	Tabular information about transaction dump codes for active CICS systems.

Actions

Table 55. Actions available for TRANDUMP views

Action	Description
ADD	Display the CICS transaction dump code Add view in order to create a new transaction dump code. Specify the scope, the code, the maximum number of dumps allowed, whether or not you want a CICS system to shut down if it gets an error related to this code, and whether or not you want CICSPlex SM to take a transaction or system dump following an occurrence of this dump code.
DELETE	Remove the dump code from the transaction dump code table in each CICS system where it is listed.
RESET	Reset the number of dump calls for the transaction dump code to 0.
SET	Display the CICS transaction dump code Set view in order to change the attributes of a selected dump code.

Fields

Table 56. Fields in TRANDUMP views

Field	Attribute name	Description
Number of dump calls since last reset	CURRENT	The number of dump calls that have been made for this transaction dump code since the value was last reset to 0. This value can be reset using the INITIALIZE action command. This also includes requests that do not result in dumps, either because they are suppressed for this code or because the number for this code has reached its maximum. Note that it is possible for this value to be higher than the value in the Transaction Dumps Taken field, which is reset by CICS end-of-day. If this value was initialized shortly before the end-of-day statistics reset, the number of current dumps could exceed the total number of dumps taken.
Maximum number of dump calls	MAXIMUM	The maximum number of dump calls for this transaction dump code that result in a dump being taken. Input Values: 0 - 999 (TRANDUMP only)
Number of system dumps suppressed	SDMPSUPP	The number of system dumps requested for this transaction dump code (by CICS or a user) that were suppressed by one of the following: • a user exit • the dump table • a global system dump suppression
Number of system dumps taken	SDMPTOTL	The number of system dumps taken for this transaction dump code since the last CICS end-of-day statistics reset. This number does not include suppressed dumps.
Shutdown option	SHUTOPTION	Indicates whether the CICS system is to be shut down after a call to this transaction dump code. Input Values: SHUTDOWN, NOSHUTDOWN
System dump option	SYSDUMPING	Indicates whether a system dump is to be taken for this transaction dump code. Input Values: SYSDUMP, NOSYSDUMP
Number of transaction dumps suppressed	TDMPSUPP	The number of transaction dumps requested for this transaction dump code (by CICS or a user) that were suppressed by one of the following: • a user exit • the dump table
Number of transaction dumps taken	TDMPTOTL	The number of transaction dumps taken for this transaction dump code since the last CICS end-of-day statistics reset. This number does not include suppressed dumps.
Transaction dump scope type	TDUMPSCOPE	Indicates whether SDUMP requests with this transaction dump code are sent to other MVS images in the sysplex. The MVS images would be those that are running XCF/MRO connected CICS systems related to the CICS system that initiated the dump request. • LOCAL - SDUMP requests are not sent to related CICS systems. • RELATED - SDUMP requests are sent to related CICS systems. The CICS systems must be running under MVS/ESA 5.1 or later with the MVS workload manager. Input Values: LOCAL, RELATED
Transaction dump code	TRANDUMPCODE	The 4-character transaction dump code for which the transaction dump table entry is to be changed. A valid transaction dump code has no leading or imbedded blanks.

Table 56. Fields in TRANDUMP views (continued)

Field	Attribute name	Description
Transaction dump option	TRANDUMPING	Specifies whether a transaction dump should be taken when a transaction dump request with this code is received. CVDA values are: • NOTRANDUMP - A transaction dump is not to be taken. • TRANDUMP - A transaction dump is to be taken. Even when TRANDUMP is specified, CICS will dump only when the count of requests for this code is no greater than the MAXIMUM. If this option is omitted from an ADD request, TRANDUMP is assumed.

Global dispatcher information - DSPGBL

The **Global CICS dispatcher information** (DSPGBL) views display global CICS dispatcher information for CICS systems.

Supplied views

To access from the main menu, click:

CICS operations views > CICS region operations views > Global dispatcher information

Table 57. Views in the supplied **Global dispatcher information** *(DSPGBL) view set*

View	Notes
Global dispatcher information EYUSTARTDSPGBL.DETAILED	Detailed information about a global dispatcher in a selected CICS system.
Global dispatcher information EYUSTARTDSPGBL.TABULAR	Tabular information about global dispatchers in CICS systems.

Actions

Table 58. Actions available for DSPGBL views

Action	Description
SET	Change the attributes of a selected dispatcher.

Fields

Table 59. Fields in DSPGBL views

Field	Attribute name	Description
Current number of tasks	DSGCNT	The current number of tasks in the system. This figure includes all system tasks and all user tasks.
Elapsed job step timing	DSGEJST	The total CPU time for all TCBs in this address space, accumulated during the interval.
Runaway task time interval (ICVR) (milliseconds)	DSGICVRT	The default system value for runaway task time (expressed im milliseconds) specified in the SIT, or as an override, or changed dynamically using CEMT SET SYSTEM TIME(value) or EXEC CICS SET SYSTEM TIME(fullword binary data-value) commands. This value is used for any task executing a transaction whose profile does not specify runaway task time

Table 59. Fields in DSPGBL views (continued)

Field	Attribute name	Description
Terminal scan delay time (ICVTSD) (milliseconds)	DSGICVSD	The ICVTSD time value (expressed in milliseconds) specified in the SIT, or as an override, or changed dynamically using CEMT SET SYSTEM SCANDELAY(value) or EXEC CICS SET SYSTEM SCANDELAY(fullword binary data-value) commands.
Current region exit time (ICV) (milliseconds)	DSGICVT	The ICV time value (expressed in milliseconds) specified in the SIT, or as an override, or changed dynamically using CEMT SET SYSTEM TIME(value) or EXEC CICS SET SYSTEM TIME(fullword binary data-value) commands.
Dispatcher start time LOCAL	DSGLSTRT	The local time at which the CICS dispatcher started. This value can be used as an approximate time at which CICS started.
Last excess TCB scan	DSGLXSCN	The date and time of the last CICS dispatcher excess MVS TCB scan.
Last excess TCB scan - no TCB detached	DSGLXSND	The date and time of the last CICS dispatcher excess MVS TCB scan that did not detach any TCBs.
MRO batching value (MROBTCH)	DSGMBTCH	The MROBTCH value specified in the SIT, or as an override, or changed dynamically using CEMT SET SYSTEM MROBATCH(value) or EXEC CICS SET SYSTEM MROBATCH(fullword binary data-value) commands.
Peak number of tasks	DSGPNT	The peak number of tasks concurrently in the system.
Priority aging value (PRTYAGE) (milliseconds)	DSGPRIAG	The number of milliseconds to be used in the priority aging algorithm for incrementing the priority of a task. CICS increases the task priority by 1 after each PRTYAGING milliseconds of wait time without a dispatch. The value can be in the range 0 through 65535, and 1000 is the default.
Accumulated SRB time	DSGSRBT	The accumulated SRB time for this CICS address space.
Dispatcher start time GMT	DSGSTART	The time at which the dispatcher started. This value can be used as an approximate time at which CICS started.
Number of subtasks	DSGSTSKS	The number of task control blocks (TCBs) that CICS can use for running tasks in concurrent mode, as specified in the SUBTSKS SIT parameter.
Number of excess TCB scans with no TCB detached	DSGXSCNN	The number of excess MVS TCB scans that resulted in no MVS TCBs being detached by the CICS dispatcher.
Number of excess TCB scans	DSGXSCNS	The number of CICS dispatcher excess MVS TCB scans.
Total number of excess TCBs detached	DSGXTCBD	The total number of MVS TCBs that have been detached by the CICS dispatcher's excess MVS TCB management processing.
Quasi-reentrancy force option	FORCEQR	Specifies whether you want CICS to force all CICSAPI user application programs that are specified as threadsafe to run under the CICS QR TCB, as if they were specified as quasi-reentrant programs. Valid options: FORCE, NOFORCE

Dispatcher TCB modes - DSPMODE

The **Dispatcher TCB modes** (DSPMODE) views display CICS dispatcher TCB mode information for CICS systems.

Supplied views

To access from the main menu, click:

CICS operations views > CICS region operations views > Dispatcher TCB modes

Table 60. Views in the supplied **Dispatcher TCB modes** *(DSPMODE) view set*

View	Notes
Dispatcher TCB modes EYUSTARTDSPMODE.DETAILED	Detailed information about a selected dispatcher TCB mode.
Dispatcher TCB modes EYUSTARTDSPMODE.TABULAR	Tabular information about dispatcher TCB modes in CICS systems.

Actions

None.

Fields

Table 61. Fields in DSPMODE views

Field	Attribute name	Description
Total CPU time used by this TCB	DSGACT	The accumulated CPU time taken for all the TCBs that are, or have been, attached in this TCB mode; that is, the total time that TCBs in this mode have been in execution.
Number of TCB attaches	DSGNTCBA	The number of MVS TCBs that have been attached in this TCB mode.
Number of partition exits	DSGSYSW	The number of MVS waits which occurred on TCBs in this mode.
Number of TCB attach failures	DSGTCBAF	The number of MVS TCB attach failures that have occurred in this TCB mode.
Number of TCBs allocated	DSGTCBAL	The number of times a TCB from this TCB mode was allocated to a task (that is, CICS assigned the TCB for the use of a particular task). TCB allocates only apply to open TCB modes. 'N/A' means either that this is not an open TCB mode, or that no TCBs have yet been created in this mode.
Current number of TCBs attached	DSGTCBCA	The current number of TCBs attached for this CICS address space.
Current number of TCBs used by mode	DSGTCBCU	The current number of TCBs attached in this TCB mode.
Number of other detaches	DSGTCBDO	The number of MVS TCBs that have been, or are in the process of being, detached from this CICS dispatcher TCB mode for other reasons (for example, because the TCB pool limit has been lowered, or because there are too many TCBs attached in relation to the number of TCBs in use).
Number of stolen detaches	DSGTCBDS	The number of MVS TCBs that have been, or are in the process of being, taken from this CICS dispatcher mode because it is required by another TCB mode.
Number of unclean detaches	DSGTCBDU	The number of MVS TCBs that have been, or are in the process of being, detached for this CICS dispatcher mode because the CICS transaction associated with the TCB has abended.
Number of excess detaches	DSGTCBDX	The number of MVS TCBs that have been, or are in the process of being, detached from this CICS dispatcher mode because of the CICS dispatcher excess TCB scans.
Open status	DSGTCBMD	Indicates whether this TCB mode is an open TCB mode, not an open TCB mode, or unknown. Unknown means that this TCB mode has not been activated; the first request for a TCB in a particular mode will cause the mode to be activated.
Number of TCB mismatches	DSGTCBMM	The number of MVS TCB mismatches that have occurred for this TCB mode.
TCB mode pool number	DSGTCBMP	The number of the TCB pool in which this TCB mode is defined.

Table 61. Fields in DSPMODE views (continued)

Field	Attribute name	Description
TCB mode name	DSGTCBNM	The name of the CICS dispatcher TCB mode. This can be QR, RO, CO, SZ, RP, FO, SL, SO, SP, D2, JM, EP, TP, S8, L8, L9, J8, J9, T8, X8, or X9. J8, J9 and JM are obsolete from CICS Transaction Server 5.1 onwards.
Peak number of TCBs attached	DSGTCBPA	The peak number of TCBs attached in this mode.
Peak number of TCBs used by mode	DSGTCBPU	The peak number of TCBs used in this mode.
Number of TCB steals	DSGTCBST	The number of MVS TCBs that have been stolen from other TCB modes.
CPU time used by this TCB for dispatcher task	DSGTCT	The accumulated CPU time taken for the DS task, that is, the processor time used by TCBs in this mode while executing the default dispatcher task (DSTCB). The DSECT field contains the time as a store clock (STCK) value.
Total of real time TCB has been dispatched by MVS	DSGTDT	The accumulated real time that TCBs in this mode have been dispatched by MVS; that is, the total time used between an MVS wait issued by the dispatcher and the subsequent wait issued by the dispatcher. The DFHSTUP report expresses this time as hours:minutes:seconds.decimals; however, the DSECT field contains the time as a store clock (STCK) value.
Dispatchable Queue - Average	DSGTMADQ	The average number of dispatchable tasks that have been queued for the TCB.
Dispatchable Queue - Current	DSGTMCDQ	The current number of dispatchable tasks queued for the TCB.
Dispatchable Queue - Peak	DSGTMPDQ	The peak number of dispatchable tasks that have been queued for the TCB.
Real time CICS spent in MVS wait	DSGTWT	The accumulated real time that this TCB was in an MVS wait, that is, the total time used between an MVS wait issued by the dispatcher and the return from the MVS wait.
TCB mode pool name	TCBPOOLN	The name of the TCB pool in which this TCB mode is defined, either N/A, HOTPOOL, OPEN, JVM, SSL, XPLINK or THREADED.

Dispatcher TCB pools - DSPPOOL

The **Dispatcher TCB pools** (DSPPOOL) views display CICS dispatcher TCB pool information for CICS systems.

Supplied views

To access from the main menu, click:

CICS operations views > **CICS region operations views** > **Dispatcher TCB pools**

Table 62. Views in the supplied **Dispatcher TCB pools** *(DSPPOOL) view set*

View	Notes
Dispatcher TCB pools EYUSTARTDSPPOOL.DETAILED	Detailed information about a selected dispatcher TCB pool.
Dispatcher TCB pools EYUSTARTDSPPOOL.TABULAR	Tabular information about dispatcher TCB pools in CICS systems.

Actions

Table 63. Actions available for DSPPOOL views

Action	Description
SET	Set attributes according new values specified in input fields

Fields

Table 64. Fields in DSPPOOL views

Field	Attribute name	Description
Current TCB Mismatch waits	DSGCMMWS	The current number of TCB mismatch waits by TCB requests using this pool.
Current TCB Mismatch wait time	DSGCMMWT	The current wait time for current TCB mismatch waits by TCB requests using this pool.
Current number of TCBs attached	DSGCNUAT	The current number of TCBs attached in the TCB modes that reside in this TCB pool.
Current number of TCBs in use	DSGCNUUS	The current number of CICS TCBs attached in this TCB pool and being used.
Current number of tasks waiting for TCB	DSGCURNW	The number of TCB requests that are currently delayed because the system has reached the limit for the number of TCBs allowed in this pool.
Current waiting time at TCB limit	DSGCURWT	The current delay time for the TCB requests that are currently delayed because the system has reached the limit for the number of TCBs allowed in this pool.
Time Max TCB Pool Limit last reached	DSGLTCBL	The time at which the pool reached the maximum TCB limit.
Total TCB Mismatch wait time	DSGMMWTM	The total time spent in TCB mismatch waits by TCB requests using this pool.
Total TCB Mismatch waits	DSGMMWTS	The total number of TCB mismatch waits, that is, TCB requests that waited because there was no TCB available matching the request, but there was at least one non-matching free TCB. For J8 and J9 mode TCBs in the JVM pool, this shows the requests that waited for a TCB of the correct mode (J8 or J9) and JVM profile. J8 and J9 mode TCBs are obsolete from CICS Transaction Server 5.1 onwards.
Maximum number of TCBs	DSGMXTCB	The value for the maximum number of TCBs allowed in this pool. From CICS Transaction Server 5.1 onwards the value for the open, xplink and threaded pools is set by CICS and is not alterable, any set operation is ignored. For open and xplink pools the value is set by CICS based on the maxtasks value. For open tcbs it is (2*maxtasks)+32. For xplink it is the maxtasks value. For the threaded pool, it is the sum of the maximum number of threads for each JVMSERVER, up to a limit of 2000. For each JVMSERVER the value of threadlimit+1 is taken. For SSL TCBS, the value is taken from the MAXSSLTCBS system initialization parameter.
Number of times at pool limit	DSGNTCBL	The number of times the system reached the limit for the number of TCBs allowed in this pool.
Peak number of tasks waiting for TCB	DSGPEANW	The peak number of TCB requests that were delayed because the system had reached the limit for the number of TCBs allowed in this pool.
Peak TCB Mismatch waits	DSGPMMWS	The peak number of TCB mismatch waits by TCB requests using this pool.
Peak number of TCBs attached	DSGPNUAT	The peak number of TCBs attached in the TCB modes that reside in this TCB pool.
Peak number of TCBs in use	DSGPNUUS	The peak number of CICS TCBs used that were attached in this TCB pool.
TCB pool number	DSGTCBPN	The number of the CICS TCB pool.
Total MVS storage wait time	DSGTOTMT	The total time spent in MVS storage waits by TCB requests using this pool.

Table 64. Fields in DSPPOOL views (continued)

Field	Attribute name	Description
Total number of MVS storage waiters	DSGTOTMW	The total number of MVS storage requests that have waited because no TCB was available, and none could be created because of MVS storage constraints.
Total number of waits	DSGTOTNW	The total number of TCB requests delayed because the system reached the limit for the number of TCBs allowed in this pool.
Total waiting time at TCB limit	DSGTOTWL	The total time that TCB requests were delayed because the system had reached the limit for the number of TCBs allowed in this pool.
TCB pool name	POOLNAME	The name of the CICS TCB pool, either OPEN, SSL, XPLINK or THREADED.

Enqueue pools - ENQUEUE

The **CICS Global Enqueue** (ENQUEUE) views display information about CICS enqueues in active CICS systems being managed by CICSPlex SM.

Supplied views

To access from the main menu, click:

CICS operations views > **CICS region operations views** > **Enqueue pools**

Table 65. Views in the supplied **Enqueue manager** *(ENQUEUE) view set*

View	Notes
Enqueue manager EYUSTARTENQUEUE.DETAILED	No help available.
Enqueue manager EYUSTARTENQUEUE.TABULAR	No help available.

Actions

None.

Fields

Table 66. Fields in ENQUEUE views

Field	Attribute name	Description
Average retention time for enqueue requests	NQGACNQRT	The average retention time for the enqueues that were retained due to the owning UOW being shunted. This does not include the enqueue retention time for those currently retained.
Average waiting time for sysplex enqueue requests	NQGAGNQWT	The average retention time for the sysplex enqueue requests. This does not include sysplex enqueues tha are currently waiting.
Average waiting time for enqueue requests	NQGATNQWT	The average waiting time for the enqueues that had to wait due to the enqueues being held.
Average retention time for current enqueues	NQGCACNQRT	The average retention time for the enqueues that are currently retained due to the owning UOW being shunted.
Average waiting time for current sysplex enqueues	NQGCAGNQWT	The average waiting time for the sysplex enqueues that are currently waiting.
Average waiting time for current waiting enqueues	NQGCATNQWT	The average waiting time for the enqueues that are currently waiting.
Retention time for enqueues retained currently	NQGCNQRT	The total retention time for enqueues currently retained.

Table 66. Fields in ENQUEUE views (continued)

Field	Attribute name	Description
Number of enqueue requests retained currently	NQGCNQSR	The current number of enqueues retained.
Number of enqueue requests waiting currently	NQGCNQSW	The current number of enqueues waiting.
Waiting time for current waiting enqueue requests	NQGCNQWT	The total enqueue waiting time for enqueues currently waiting.
Total sysplex enqueue requests that waited	NQGGNQSW	The total number sysplex enqueue requests that waited.
Total waiting time for sysplex enqueue requests	NQGGNQWT	The total enqueue waiting time for sysplex enqueues.
Enqueue pool ID	NQGPOOL	The identifier of the enqueue pool.
Sysplex enqueue request count waiting currently	NQGSNQSW	The current number of sysplex enqueues waiting.
Waiting time for current sysplex enqueue requests	NQGSNQWT	The total enqueue waiting time for the sysplex enqueues currently waiting.
Total enqueue requests rejected with ENQBUSY	NQGTIRJB	The number of enqueues rejected immediately.
Total enqueue requests rejected ENQ retained	NQGTIRJR	The number of immediately rejected retained enqueues.
Total retention time for enqueue requests	NQGTNQRT	The total retention time for all enqueue requests.
Total number of enqueues issued	NQGTNQSI	The total number of enqueues issued.
Total enqueue requests that were retained	NQGTNQSR	The total number of enqueue requests retained.
Total number of enqueue requests that waited	NQGTNQSW	The total number of enqueues that waited.
Total waiting time for enqueue requests	NQGTNQWT	The total enqueue waiting time.
Total waiting enqueue requests purged by operator	NQGTWPOP	The number of enqueues awaiting rejection because of operator intervention.
Total waiting enqueue requests purged by timeout	NQGTWPTO	The number of enqueues awaiting rejection because of timeout.
Total waiting enqueues rejected ENQ retained	NQGTWRJR	The total number of retained enqueues rejected.

Global user exits - EXTGLORD

The **Global user exits** (EXTGLORD) views display information about a global user exit in an active system being managed by CICSPlex SM.

Supplied views

To access from the main menu, click:

CICS operations views > CICS region operations views > Global user exits

Table 67. Views in the supplied **Global user exit** *(EXTGLORD) view set*

View	Notes
Global user exit EYUSTARTEXTGLORD.DETAILED	No help available.

Table 67. Views in the supplied **Global user exit** *(EXTGLORD) view set (continued)*

View	Notes
Global user exit EYUSTARTEXTGLORD.TABULAR	No help available.

Actions

None.

Fields

Table 68. Fields in EXTGLORD views

Field	Attribute name	Description
Concurrency status	CONCURRENTST	Indicates the concurrency status of the user exit program specified by the latest Enable command for this program. Options are: • QUASIRENT - The user exit program is defined as being quasi-reentrant and is only able to run under the CICS QR TCB when invoking CICS services through the CICS API. To use any MVS services, this user exit program must switch to a privately-managed TCB.. • THREADSAFE - The program is defined as threadsafe, and is able to run under whichever TCB is in use by its user task when the program is given control.
Entry address of global user exit	ENTRY	The entry address of the global user exit program.
Entry name	ENTRYNAME	The name of the global user exit program. The value can be the same as the name of the load module, however a different value is returned when the load module contains more than one exit program.
Exit name	EXITPOINT	The name of the CICS exit.
Exit position	EXITPOSITION	The time order in which the exits were enabled for the EXITPOINT.
Name of exit which owns global work area	GAENTRYNAME	The name of the currently enabled global user exit program that owns the global work area being used by the exit specified in the entry name field. This field will not contain a value unless a global work area is being used and is owned by another exit program.
Length of global work area	GALENGTH	The length of the global work area for this exit program.
Number of global work area users	GAUSECOUNT	The number of exit programs that are using the global work area owned by this exit program.
Number of global exit points where exit is enabled	NUMEXITS	The number of global exit points where exit is enabled.
Program name	PROGRAM	The name of the load module of the exit program.
Exit program availability status	STARTSTATUS	Identifies whether the exit program is available for execution. • STARTED - The exit program is available for execution. • STOPPED - The exit program is not available for execution.
Program use count	USECOUNT	The total number of times the user exit program has been executed in the current CICS session.

Task related user exit programs - EXITTRUE

The **Task-related user exits** (EXITTRUE) view displays information about installed CICS TS task-related user exits.

Supplied views

To access from the main menu, click:

CICS operations views > CICS region operations views > Task related user exit programs

Table 69. Views in the supplied **Task related user exits** *(EXITTRUE) view set*

View	Notes
Task related user exits EYUSTARTEXITTRUE.DETAILED	Detailed information about a specific task related user exit.
Task related user exits EYUSTARTEXITTRUE.TABULAR	Tabular information about currently installed task related user exits.

Actions

None.

Fields

Table 70. Fields in EXITTRUE views

Field	Attribute name	Description
Open API status	APIST	Indicates which APIs the task-related user exit uses. • BASEAPI - The task-related user exit program is enabled as either QUASIRENT or THREADSAFE, but without the OPENAPI option. This means it is restricted to the CICS permitted programming interfaces. BASEAPI is a synonym of CICSAPI. • OPENAPI - The task-related user exit program is enabled with the THREADSAFE and OPENAPI options. This means that it is permitted to use non-CICS API in a threadsafe manner, for which purpose CICS gives control to the task-related user exit under an open TCB • NOTAPPLIC - Not applicable.
Concurrency type	CONCURRENTST	Indicates the concurrency status of the task-related user exit program specified by the latest Enable command for this program. • QUASIRENT - The task-related user exit program is quasi-reentrant and is only able to run under the CICS QR TCB when invoking CICS services through the CICS API. To use any MVS services, this task-related user exit program must switch to a privately-managed TCB. • THREADSAFE - The task-related user exit program is threadsafe. If APIST is BASEAPI then the task-related user exit program is able to run under whichever TCB is in use by its user task when the program is given control. If APIST is OPENAPI then the TCB used is always an L8 TCB. • REQUIRED - The task-related user exit program requires an open TCB. This value is returned only if APIST is BASEAPI and means the type of open TCB used is any eligible key 8 open tcb. A concurrency and apist combination of REQUIRED and OPENAPI has the same meaning as THREADSAFE and OPENAPI, therefore for reasons of compatibility with previous releases CICS will always return a value of THREADSAFE in this case. • NOTAPPLIC - The exit is not a task-related user exit.

Table 70. Fields in EXITTRUE views (continued)

Field	Attribute name	Description
Connect status	CONNECTST	This is valid for task-related user exits only and indicates the state of the connection between the exit and the external resource manager that it support • CONNECTED - The task-related user exit is connected to its external resource manager subsystem, and API requests can be issued. • NOTAPPLIC - The exit is not a task-related user exit. • NOTCONNECTED - The task-related user exit is not connected to its external resource manager subsystem, and therefore API requests cannot be issued. • UNKNOWN - The task-related user exit has been enabled and started, but not enabled for SPI requests. UNKNOWN can also be returned if CICS is unable to call the task related user exit. In both of these cases, CICS cannot tell whether it is connected to its external resource manager.
Entry-point address of task related user exit	ENTRY	Specifies the entry-point address of the task-related user exit program
Entry name	ENTRYNAME	Specifies the name of the global or task-related user exit program. The value can be the same as the name of the load module, however a different value is returned when the load module contains more than one exit program.
Format execution diagnostic facility (EDF) status	FORMATEDFST	Indicates whether FORMATEDF was specified on the ENABLE command. • FORMATEDF - On • NOFORMATEDF - Off • NOTAPPLIC - This is a global user exit
Name of exit owning global work area	GAENTRYNAME	Specifies the name of the currently enabled global, or task-related, user exit program that owns the global work area being used by the exit specified in the entry name field. This field will not contain a value unless a global work area is being used and is owned by another exit program.
Length of global work area	GALENGTH	Specifies the length of the global work area for this exit program.
Number of work area users	GAUSECOUNT	Specifies the number of users of the work area
INDOUBTWAIT enabled status	INDOUBTST	Indicates whether the task-related user exit is enabled with the INDOUBTWAIT keyword. • NOTAPPLIC - The exit being inquired upon is a global user exit. • NOWAIT - The exit is not enabled with the INDOUBTWAIT keyword. • WAIT - The exit is enabled with the INDOUBTWAIT keyword.
Program name	PROGRAM	Specifies the name of the load module of the exit program.
Purgeable status	PURGEABLEST	Indicates whether or not the task-related user exit can be purged. • PURGEABLE - The task-related user exit program can be purged. • NOTPURGEABLE - The task-related user exit program cannot be purged and must be force purged. • NOTAPPLIC - The information is not applicable to this release of CICS.
SPI qualifier	QUALIFIER	This returns, for a task-related user exit that is enabled for SPI calls, the 8-character qualifier returned by the exit. For global user exits and task-related user exits that are not enabled for SPI calls, returns blanks.
Exit CICS shutdown status	SHUTDOWNST	Specifies whether the task-related user exit is invoked when CICS shutdown occurs. • NOSHUTDOWN - The task-related user exit is not invoked. • NOTAPPLIC - Not applicable. • SHUTDOWN - The task-related user exit is invoked when CICS shutdown occurs.

Table 70. Fields in EXITTRUE views (continued)

Field	Attribute name	Description
Exit-enabled-for-(SPI) calls option	SPIST	Indicates whether the task-related user exit is enabled for SPI calls. • NOSPI - The exit is not enabled for SPI. • NOTAPPLIC - The exit being inquired upon is a global user exit. This occurs only when the INQUIRE command is explicitly for a global user exit • SPI - The exit is enabled for SPI.
Exit program availability status	STARTSTATUS	Identifies whether the exit program is available for execution. • STARTED - The exit program is available for execution. • STOPPED - The exit program is not available for execution.
Length of local work area	TALENGTH	Indicates the length of a local (task-related) work area.
Start and end of task invocation status	TASKSTART	Indicates whether the exit program is set to be invoked automatically at the start and end of every task. • NOTASKSTART - The exit program is not set to invocation at the start and end of every task. • NOTAPPLIC - Not applicable. • TASKSTART - The exit program is set for invocation at the start and end of every task.

Global MVS TCB information - MVSTCBGL

The **Global MVS TCBs** (MVSTCBGL) views display information about global MVS TCBs in the CICS address space.

Supplied views

To access from the main menu, click:

CICS operations views > CICS region operations views > Global MVS TCB information

Table 71. Views in the supplied **Global MVS TCB information** *(MVSTCBGL) view set*

View	Notes
Global MVS TCB information EYUSTARTMVSTCBGL.DETAILED	Detailed information about global MVS TCBs in a selected CICS system.
Global MVS TCB information EYUSTARTMVSTCBGL.TABULAR	Tabular information about global MVS TCBs in CICS systems.

Actions

None.

Fields

Table 72. Fields in MVSTCBGL views

Field	Attribute name	Description
Current CICS TCBs	CICSTCBCOUNT	The current number of CICS TCBs in the address space.
Storage above 16M for CICS TCBs	CICSTCBSTGA	The total storage in bytes above 16MB allocated to CICS TCBs.
Storage in use above 16M	CICSTCBSTGAI	The total storage in bytes above 16MB that is in use by CICS TCBs.
Storage below 16M for CICS TCBs	CICSTCBSTGB	The total storage in bytes below 16MB allocated to CICS TCBs.

Table 72. Fields in MVSTCBGL views (continued)

Field	Attribute name	Description
Storage below 16M in use by CICS TCBs	CICSTCBSTGBI	The total storage in bytes below 16MB that is in use by CICS TCBs.
CPU time used by current attached CICS TCBs	CICSTCBTIME	The total CPU time so far for the currently attached CICS TCBs.
Storage above 16M in use by non-CICS TCBs	NCICSTCBSGAI	The total storage in bytes above 16MB allocated to non-CICS TCBs.
Storage in use below 16M	NCICSTCBSGBI	The total storage in bytes below 16MB that is in use by non-CICS TCBs.
Storage above 16M for non-CICS TCBs	NCICSTCBSTGA	The total storage in bytes above 16MB allocated to non-CICS TCBs.
Storage below 16M for non-CICS TCBs	NCICSTCBSTGB	The total storage in bytes below 16MB allocated to non-CICS TCBs.
CPU time used by current attached non-CICS TCBs	NCICSTCBTIME	The total CPU time so far for the currently attached non-CICS TCBs.
Current non-CICS TCBs	NONCICSTCBCT	The current number of non-CICS TCBs in the address space.

MVS TCBs - MVSTCB

The **MVS TCBs** (MVSTCB) views display information about MVS TCBs in the CICS address space.

Supplied views

To access from the main menu, click:

CICS operations views > CICS region operations views > MVS TCBs

Table 73. Views in the supplied **MVS TCBs** *(MVSTCB) view set*

View	Notes
MVS TCBs EYUSTARTMVSTCB.DETAILED	Detailed information about a selected MVS TCB in a CICS system.
MVS TCBs EYUSTARTMVSTCB.TABULAR	Tabular information about MVS TCBs in CICS systems.

Actions

None.

Fields

Table 74. Fields in MVSTCB views

Field	Attribute name	Description
TCB address	TCBADDRESS	The address of the MVS TCB.
CICS task number	TCBCICSTASK	The CICS task number currently associated with this TCB. None means there are no CICS transactions currently assigned to this TCB.
CPU time used by the TCB	TCBCPUTIME	The total CPU time so far for this TCB
Daughter TCB	TCBDAUGHTER	The address of the daughter TCB
Mother TCB	TCBMOTHER	The address of the mother TCB
TCB name	TCBNAME	The name of the MVS TCB.

Table 74. Fields in MVSTCB views (continued)

Field	Attribute name	Description
Sister TCB	TCBSISTER	The address of the sister TCB
Private storage allocated above 16M	TCBSTGABOVE	The total private storage above 16MB allocated to this TCB.
Private storage in use above 16M	TCBSTGAINUSE	The total private storage above 16MB allocated to this TCB in use.
Private storage allocated below 16M	TCBSTGBELOW	The total private storage below 16MB allocated to this TCB.
Private storage in use below 16M	TCBSTGBINUSE	The total private storage below 16MB allocated to this TCB in use.
TCB type	TCBTYPE	The type of TCB. Values are CICS or NONCICS.

MVS workload management - MVSWLM

The **MVS workload management** (MVSWLM) views display MVS workload management (WLM) component information for CICS systems.

Supplied views

To access from the main menu, click:

CICS operations views > CICS region operations views > MVS workload management

Table 75. Views in the supplied **MVS workload management** *(MVSWLM) view set*

View	Notes
MVS workload management EYUSTARTMVSWLM.CLOSE	Instructs CICS to start decreasing the z/OS WLM Health indicator until the health indicator has reached a value of 0.
MVS workload management EYUSTARTMVSWLM.DETAILED	Detailed MVS workload manager information for a selected CICS system.
MVS workload management EYUSTARTMVSWLM.IMMCLOSE	Instructs CICS to immediately set the z/OS WLM Health indicator to 0.
MVS workload management EYUSTARTMVSWLM.OPEN	Instructs CICS to start increasing the z/OS WLM Health indicator until the health indicator has reached a value of 100.
MVS workload management EYUSTARTMVSWLM.SET	Set attributes according new values specified in input fields.
MVS workload management EYUSTARTMVSWLM.TABULAR	Tabular MVS workload manager information for CICS systems.

Actions

Table 76. Actions available for MVSWLM views

Action	Description
CLOSE	Instructs CICS to start decreasing the z/OS WLM Health indicator until the health indicator has reached a value of 0.
IMMCLOSE	Instructs CICS to immediately set the z/OS WLM Health indicator to 0.
OPEN	Instructs CICS to start increasing the z/OS WLM Health indicator until the health indicator has reached a value of 100.

Table 76. Actions available for MVSWLM views (continued)

Action	Description
SET	Set attributes according new values specified in input fields.

Fields

Table 77. Fields in MVSWLM views

Field	Attribute name	Description
CEC machine type	MNGMCHTP	CEC machine type for the address space.
CEC model number	MNGMDLID	CEC model identification number for the address space.
Adjustment value for z/OS WLM health indicator	MNGWLMAD	For CICS regions at level CICS TS 5.4 and higher, this is the current adjustment value that adjusts the z/OS WLM health indicator of the CICS address space at each interval
CPU critical	MNGWLMCC	Indicates whether or not the CICS region is defined to the MVS workload management component with long-term CPU protection. Values are: • Yes – The CICS region is defined in the JES (batch job) or STC (started task) subsystems using a MVS workload manager service class that specifies CPU critical. • No – The CICS region is defined in the JES (batch job) or STC (started task) subsystems using a MVS workload manager service class that does not specify CPU critical.
Goal importance	MNGWLMGI	Indicates the relative importance level defined in the MVS workload manager service class. Values are: • 1 – Highest • 2 – High • 3 – Medium • 4 – Low • 5 – Lowest
Goal management	MNGWLMGM	Indicates whether z/OS Workload Manager manages the address space using transaction goals, region goals or both. Values are: • Transaction – Workload manager uses transaction goals • Region – Workload manager uses region goals • Both – Workload manager uses both goals • Notapplic – Unknown or undefined goal mode
Goal type	MNGWLMGT	The MVS workload manager goal type associated with the current service class. Values are: • Velocity – The MVS workload management component will assign resources to the service class in order to minimize delays. • Discretionary – The MVS workload management component will assign resources to the service class only if they are not required by other non-discretionary goals. This is typically used for low priority work. • System – The service class is one of the MVS workload manager predefined service classes; SYSTEM, SYSSTC, or SYSOTHER. • Notapplic – Unknown or undefined goal type.

Table 77. Fields in MVSWLM views (continued)

Field	Attribute name	Description
Velocity goal value	MNGWLMGV	For MVS workload manager service classes that use a velocity goal this value indicates the acceptable amount of delay for the work. This value will be 0 if the service class is not defined with a velocity goal.
z/OS WLM health indicator	MNGWLMHL	For CICS regions at level CICS TS 5.4 and higher, this is the percentage value that represents the z/OS WLM health open state for the region. A value of N/A is returned if WLMHEALTH=OFF is set in the SIT.
Last time z/OS WLM health indicator was updated	MNGWLMHT	For CICS regions at level CICS TS 5.4 and higher, this is the last time, in ABSTIME format, when the z/OS WLM health indicator was reported to z/OS WLM.
Time interval (seconds) between z/OS WLM health updates	MNGWLMIN	For CICS regions at level CICS TS 5.4 and higher, this is the amount of time, in seconds, between calls that CICS make to the z/OS Workload Manager Health API
Goal mode	MNGWLMMD	Indicates whether the MVS workload management component is running in goal mode. Values are: • Yes – The MVS workload management component is running in goal mode. • No – The MVS workload management component is running in compatibility mode. **Note** - compatibility mode is only available on z/OS releases prior to z/OS V1R3.
z/OS WLM health open status	MNGWLMOS	For CICS regions at level CICS TS 5.4 and higher, this is the status of the z/OS WLM health indicator process. The CVDA values are as follows: • OPEN - Instructs CICS to start increasing the z/OS WLM health indicator until it has reached a value of 100 where it will remain in the OPEN state • OPENING - CICS has started increasing the z/OS WLM health indicator, which is currently in the range 0 through 99. • CLOSE - Instructs CICS to start decreasing the z/OS WLM health indicator until it has reached a value of 0. • CLOSED - CICS has completed decreasing the z/OS WLM health indicator, which has reached a value of 0. • CLOSING - CICS has started decreasing the z/OS WLM health indicator to 0, which is currently in the range 100 through 1. • IMMCLOSING - CICS is in the process of immediately setting the z/OS WLM health indicator to 0. • IMMCLOSE - Instructs CICS to immediately set the z/OS WLM health indicator to 0.
Report class	MNGWLMRC	Identifies the name of the MVS workload manager report class that has been assigned to the CICS region on the basis of the JES (batch job) or STC (started task) startup subsystem. If no report class has been assigned, this field will be blank.
Resource group	MNGWLMRG	Identifies the name of the MVS workload manager resource group that has been assigned to the CICS region on the basis of the JES (batch job) or STC (started task) startup subsystem. If no resource group has been assigned, this field will be blank.
Service class	MNGWLMSC	Identifies the name of the MVS workload manager service class that has been assigned to the CICS region on the basis of the JES (batch job) or STC (started task) startup subsystem.

Table 77. Fields in MVSWLM views (continued)

Field	Attribute name	Description
Storage critical	MNGWLMSK	Indicates whether or not the CICS region is defined to the MVS workload management component with long-term storage protection. Values are: • Yes – The CICS region is classified in the JES (batch job) or STC (started task) subsystems using a MVS workload manager classification rule that specifies storage critical. • No – The CICS region is not classified in the JES (batch job) or STC (started task) subsystems using a MVS workload manager classification rule that specifies storage critical. Long-term storage protection will be assigned under the JES (batch job) or STC (started task) subsystems as long as the service class has a single period and has a velocity goal or response time goal of over twenty seconds.
WLM server	MNGWLMST	Identifies whether or not the MVS workload management component is treating the CICS region as a server. Values are: • Yes – The MVS workload management component is treating the CICS region as a server and processing work based upon CICS subsystem definitions. • No – The MVS workload management component is treating the CICS region as a non-server address space. Work is being processed based upon JES (batch job) or STC (started task) subsystem definitions.
Workload name	MNGWLMWN	Identifies the name of the MVS workload management component workload name that has been assigned to the CICS region on the basis of the JES (batch job) or STC (started task) startup subsystem. **Note** - this is different from the CICSPlex SM workload name that the CICS region may be participating in.

Connection operations views

The connection operations views show information about ISC/MRO connections, IPIC connections, LU 6.2 mode names, partners, profiles and TCP/IP services within the current context and scope.

ISC/MRO connections - CONNECT

The **ISC/MRO connections** (CONNECT) views display information about ISC over SNA connections and MRO connections.

Supplied views

To access from the main menu, click:

CICS operations views > Connection operations views > ISC/MRO connections

Table 78. Views in the supplied **ISC/MRO connections** *(CONNECT) view set*

View	Notes
ISC/MRO connections EYUSTARTCONNECT.ACQUIRE	Acquire a connection (APPC only).
ISC/MRO connections EYUSTARTCONNECT.BACKOUT	Back out any units of work that are in-doubt because of a failure of the connection.

Table 78. Views in the supplied **ISC/MRO connections** *(CONNECT) view set (continued)*

View	Notes
ISC/MRO connections EYUSTARTCONNECT.CANCEL	Cancel automatic initiation descriptor (AID) queuing for a connection.
ISC/MRO connections EYUSTARTCONNECT.COMMIT	Commit any units of work that are in-doubt because of a failure of the connection.
ISC/MRO connections EYUSTARTCONNECT.DETAIL1	Displays detailed information about session information and allocate requests for a selected ISC/MRO connection.
ISC/MRO connections EYUSTARTCONNECT.DETAIL2	Displays detailed information about Automatic Initiator Descriptors (AIDs) and bids for a selected ISC/MRO connection.
ISC/MRO connections EYUSTARTCONNECT.DETAIL3	Displays detailed information about function ships for a selected ISC/MRO connection.
ISC/MRO connections EYUSTARTCONNECT.DETAIL4	Detailed information about the resource signature.
ISC/MRO connections EYUSTARTCONNECT.DETAILED	Displays detailed information about a selected ISC/MRO connection.
ISC/MRO connections EYUSTARTCONNECT.DISCARD	Discard a connection from the CICS system where it is installed. The connection must be out of service before it can be discarded.
ISC/MRO connections EYUSTARTCONNECT.ENDAFFINITY	Specifies, where CICS is a member of a VTAM generic resource group, that VTAM is to end an affinity owned by CICS. This is valid only for APPC and LU6.1 connections. The connection must be out of service and, for APPC, in NORECOVDATA state. • There is no facility in VTAM for inquiring on affinities, so CICS has no certain knowledge that an affinity exists for a given connection. Whenever there is a possibility that an affinity has been created that must be ended explicitly, CICS issues message DFHZC0177. This message gives the NETNAME and NETID of the suspect connection. • If a request to end an affinity is rejected by VTAM because no such affinity exists, CICS issues message DFHZC0181.
ISC/MRO connections EYUSTARTCONNECT.FORCE	Force transactions associated with a connection to be immediately purged (VTAM only).
ISC/MRO connections EYUSTARTCONNECT.INSERVICE	Place the system in service; that is, available for use. • For an MRO connection, all sessions are placed in service and the following occurs: – If both the issuing system and the remote system have IRC open, and the remote system has INSERVICE connection definition for the issuing system, the connection is made ACQUIRED. – Otherwise, the status of the connection is set INSERVICE so that the connection is acquired when the above conditions are met. – The status of the underlying sessions for a connection is always the same as that for the connection itself. • For an EXCI connection, all receive sessions (or 'pipes') are placed in service and available for use by the client program. • For an ISC APPC connection, the LU Services Manager sessions are placed in service, thereby enabling the connection subsequently to be acquired. • For an ISC LU6.1 connection, all sessions are placed in service.

Table 78. Views in the supplied **ISC/MRO connections** *(CONNECT) view set (continued)*

View	Notes
ISC/MRO connections EYUSTARTCONNECT.NORECOVDATA	Force all in-doubt units of work (according to the transaction definitions), target any resyncs that were outstanding for the connection, and erase the logname previously received from the partner system. The state of the connection is reset. **Attention:**You should use NORECOVDATA only in exceptional circumstances. It erases recovery information and may compromise data integrity for units of work that have updated resources on remote systems. Examples of circumstances in which you might need to use it are: • You need to discard a connection, or issue an ENDAFFINITY, and it is not possible for the quiesce protocols with the partner system to be completed. (Neither action is possible for an APPC connection if recovery data is outstanding.) • In operational or logic error results in a logname mismatch for the connection. The connection state must be reset to allow the exchange lognames process to complete.
ISC/MRO connections EYUSTARTCONNECT.NOTPENDING	Force all in-doubt units of work (according to the transaction definition) that were created by the connection before the initial (or cold) start of the partner. Also forget any resyncs (waitforget UOW-links) that are outstanding for the connection, and created before the initial (or cold) start of the partner. The PENDING condition indicates the existence of recovery information (either shunted UOWs or decisions remembered for the partner) on a connection that has experienced a lognames mismatch with its partner. For a CICS Transaction Server for z/OS partner, a lognames mismatch indicates that the partner has performed an initial start. For a pre-CICS Transaction Server for z/OS partner, a lognames mismatch indicates that the partner has performed a cold start. In either case, the recovery protocol has been corrupted by a loss of log data at the partner. It is not possible to set a connection to NOTPENDING state (forcing in-doubt and erasing NOFORGET UOWs) until this system has made contact with the partner and received a new logname from it. Decisions for a whole connection can be forgotten, but that does not affect the memory of a decision for any other connection involved in the UOW.

Table 78. Views in the supplied **ISC/MRO connections** *(CONNECT) view set (continued)*

View	Notes
ISC/MRO connections EYUSTARTCONNECT.OUTSERVICE	Place the connection out of service; that is, not available for use. For a connection, all sessions are placed out of service (immediately if PURGE is specified, or when tasks have terminated if it is not) and the following occurs: • If an APPC connection is currently ACQUIRED and you specify OUTSERVICE, the command fails. You must RELEASE the connection before setting OUTSERVICE. • If any other connection is currently ACQUIRED, the sessions are broken (quiesced). The connection cannot be used until it is once again placed INSERVICE. • If the connection is currently RELEASED, the status of the connection is set to OUTSERVICE and it cannot be used until it is in service again. • The status of the underlying sessions for a connection is always the same as that for the connection itself. • For an EXCI connection, all receive sessions (or 'pipes') are placed out of service and are not available for use by the client program. • For an ISC APPC system, this option is valid only if the connection is RELEASED. The LU Services Manager sessions are placed out of service, and the connection cannot be acquired until it is placed INSERVICE again. • For an ISC LU6.1 connection, all sessions are released and placed out of service: immediately if PURGE or FORCEPURGE is specified; or when tasks have terminated if neither PURGE nor FORCEPURGE is specified. If the response to an INQUIRE CONNECTION command shows OUTSERVICE, it does not imply that the connection has been explicitly set as SET OUTSERVICE; in particular circumstances, you cannot reinstall this connection.
ISC/MRO connections EYUSTARTCONNECT.PURGE	Purge abnormally the transactions associated with a connection (VTAM only). CICS terminates the transactions associated with this connection only if system and data integrity can be maintained. **Note:** A transaction is not purged if its definition specifies SPURGE=NO.
ISC/MRO connections EYUSTARTCONNECT.RELEASE	Release a connection (APPC only).
ISC/MRO connections EYUSTARTCONNECT.RESYNC	Retry any UOWs shunted because of the failure of this connection (that is, exchange lognames resynchronization for this connection is to be attempted). This process should normally be started automatically when a connection is acquired or when a UOW is unshunted.
ISC/MRO connections EYUSTARTCONNECT.SET	Display the **Set** view in order to change the attributes of a selected ISC/MRO connection.
ISC/MRO connections EYUSTARTCONNECT.TABULAR	Displays tabular information about ISC and MRO connections.

Actions

Table 79. Actions available for CONNECT views

Action	Description
ACQUIRE	Acquire a connection (APPC only).
BACKOUT	Back out any units of work that are in-doubt because of a failure of the connection.
CANCEL	Cancel automatic initiation descriptor (AID) queuing for a connection.

Table 79. Actions available for CONNECT views (continued)

Action	Description
COMMIT	Commit any units of work that are in-doubt because of a failure of the connection.
DISCARD	Discard a connection from the CICS system where it is installed. The connection must be out of service before it can be discarded.
ENDAFFINITY	Specifies, where CICS is a member of a VTAM generic resource group, that VTAM is to end an affinity owned by CICS. This is valid only for APPC and LU6.1 connections. The connection must be out of service and, for APPC, in NORECOVDATA state. • There is no facility in VTAM for inquiring on affinities, so CICS has no certain knowledge that an affinity exists for a given connection. Whenever there is a possibility that an affinity has been created that must be ended explicitly, CICS issues message DFHZC0177. This message gives the NETNAME and NETID of the suspect connection. • If a request to end an affinity is rejected by VTAM because no such affinity exists, CICS issues message DFHZC0181.
FORCE	Force transactions associated with a connection to be immediately purged (VTAM only).
FORCECANCEL	Cancel all automatic initiation descriptors (AIDs), including system AIDs, queuing for the specified connection. This can lead to unpredictable results and should be used only in exceptional circumstances. **Note:** This does not remove transient data AIDs with an associated triggered task. These AIDs can be removed by purging the associated task.
FORCEPURGE	Immediately abnormally terminate all transactions running on sessions on the connected system. This can lead to unpredictable results and should be used only in exceptional circumstances. In some extreme cases (for example, if an error occurs during backout processing), CICS might terminate abnormally. For in-doubt and shunted UOWs, FORCEPURGE has no effect. To force shunted UOWs, you must use the COMMIT, BACKOUT, or FORCE commands on the connection following a FORCEPURGE. This can lead to unpredictable results and should be used only in exceptional circumstances.
INSERVICE	Place the system in service; that is, available for use. • For an MRO connection, all sessions are placed in service and the following occurs: – If both the issuing system and the remote system have IRC open, and the remote system has INSERVICE connection definition for the issuing system, the connection is made ACQUIRED. – Otherwise, the status of the connection is set INSERVICE so that the connection is acquired when the above conditions are met. – The status of the underlying sessions for a connection is always the same as that for the connection itself. • For an EXCI connection, all receive sessions (or 'pipes') are placed in service and available for use by the client program. • For an ISC APPC connection, the LU Services Manager sessions are placed in service, thereby enabling the connection subsequently to be acquired. • For an ISC LU6.1 connection, all sessions are placed in service.
KILL	Terminate the task. System and data integrity is not guaranteed. The KILL option extends the PURGE and FORCEPURGE options. It should be used only after an attempt has been made to PURGE or FORCEPURGE a task. The KILL option does not guarantee integrity of any kind but in some situations it allows the user to free up a stalled region enabling the region to continue processing. In some cases, for example, if a task is killed during back out processing, CICS terminates abnormally.

Table 79. Actions available for CONNECT views (continued)

Action	Description
NORECOVDATA	Force all in-doubt units of work (according to the transaction definitions), target any resyncs that were outstanding for the connection, and erase the logname previously received from the partner system. The state of the connection is reset. **Attention:**You should use NORECOVDATA only in exceptional circumstances. It erases recovery information and may compromise data integrity for units of work that have updated resources on remote systems. Examples of circumstances in which you might need to use it are: • You need to discard a connection, or issue an ENDAFFINITY, and it is not possible for the quiesce protocols with the partner system to be completed. (Neither action is possible for an APPC connection if recovery data is outstanding.) • In operational or logic error results in a logname mismatch for the connection. The connection state must be reset to allow the exchange lognames process to complete.
NOTPENDING	Force all in-doubt units of work (according to the transaction definition) that were created by the connection before the initial (or cold) start of the partner. Also forget any resyncs (waitforget UOW-links) that are outstanding for the connection, and created before the initial (or cold) start of the partner. The PENDING condition indicates the existence of recovery information (either shunted UOWs or decisions remembered for the partner) on a connection that has experienced a lognames mismatch with its partner. For a CICS Transaction Server for z/OS partner, a lognames mismatch indicates that the partner has performed an initial start. For a pre-CICS Transaction Server for z/OS partner, a lognames mismatch indicates that the partner has performed a cold start. In either case, the recovery protocol has been corrupted by a loss of log data at the partner. It is not possible to set a connection to NOTPENDING state (forcing in-doubt and erasing NOFORGET UOWs) until this system has made contact with the partner and received a new logname from it. Decisions for a whole connection can be forgotten, but that does not affect the memory of a decision for any other connection involved in the UOW.
OUTSERVICE	Place the connection out of service; that is, not available for use. For a connection, all sessions are placed out of service (immediately if PURGE is specified, or when tasks have terminated if it is not) and the following occurs: • If an APPC connection is currently ACQUIRED and you specify OUTSERVICE, the command fails. You must RELEASE the connection before setting OUTSERVICE. • If any other connection is currently ACQUIRED, the sessions are broken (quiesced). The connection cannot be used until it is once again placed INSERVICE. • If the connection is currently RELEASED, the status of the connection is set to OUTSERVICE and it cannot be used until it is in service again. • The status of the underlying sessions for a connection is always the same as that for the connection itself. • For an EXCI connection, all receive sessions (or 'pipes') are placed out of service and are not available for use by the client program. • For an ISC APPC system, this option is valid only if the connection is RELEASED. The LU Services Manager sessions are placed out of service, and the connection cannot be acquired until it is placed INSERVICE again. • For an ISC LU6.1 connection, all sessions are released and placed out of service: immediately if PURGE or FORCEPURGE is specified; or when tasks have terminated if neither PURGE nor FORCEPURGE is specified. If the response to an INQUIRE CONNECTION command shows OUTSERVICE, it does not imply that the connection has been explicitly set as SET OUTSERVICE; in particular circumstances, you cannot reinstall this connection.

Table 79. Actions available for CONNECT views (continued)

Action	Description
PURGE	Purge abnormally the transactions associated with a connection (VTAM only). CICS terminates the transactions associated with this connection only if system and data integrity can be maintained. **Note:** A transaction is not purged if its definition specifies SPURGE=NO.
RELEASE	Release a connection (APPC only).
RESYNC	Retry any UOWs shunted because of the failure of this connection (that is, exchange lognames resynchronization for this connection is to be attempted). This process should normally be started automatically when a connection is acquired or when a UOW is unshunted.
SET	Display the **Set** view in order to change the attributes of a selected ISC/MRO connection.

Fields

Table 80. Fields in CONNECT views

Field	Attribute name	Description
Access method	ACCESSMETHOD	The access method in use for this connection (VTAM, IRC, INDIRECT, XCF, XM, NETBIOS, or TCPIP).
Number of automatic initiator descriptors (AIDs)	AIDS	The current number of automatic initiator descriptors (AIDs) in the AID chain.
Total number of allocate requests	ALLOCATES	The total number of allocate requests against this system.
Allocate queue limit (QUEUELIMIT)	ALLOCQLIMIT	The value of the QUEUELIMIT parameter as specified on the CONNECTION definition. If this value is reached, then allocate queue requests are rejected. If the CONNECTION is defined with a QUEUELIMIT of NO, N/A will be displayed.
Number of ATIs satisfied by primary sessions	ATISBPRI	The number of ATI requests satisfied by primary (contention loser) sessions.
Number of ATIs satisfied by secondary sessions	ATISBSEC	The number of ATI requests satisfied by secondary (contention winner) sessions.
Autoconnect option	AUTOSTATUS	Indicates whether sessions with this connection are to be bound when CICS is initialized or whenever communication with VTAM is started: • ALLCONN - Associated sessions are bound. • AUTOCONN - Associated sessions are bound. • NONAUTOCONN - Associated sessions are not bound.
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Total number of bids sent	BIDSSENT	The total number of bids that were sent.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • AUTOINSTALL - The resource was last autoinstalled. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.

Table 80. Fields in CONNECT views (continued)

Field	Attribute name	Description
Last modification agent release	CHANGEAGREL	If the connection was installed using a CICSPlex SM SYSLINK definition, this is the CICS release level of the CICS system where the connection is installed. For connections not installed using SYSLINK this is the CICS release level of the agent that made the last modification to the connection definition.
Last modification time	CHANGETIME	If the connection was installed using a CICSPlex SM SYSLINK definition, this is the local date and time of the installation. For connections not installed using SYSLINK this is the local date and time when the connection definition was last changed.
Last modification user ID	CHANGEUSRID	If the connection was installed using a CICSPlex SM SYSLINK definition, this is the user ID that requested the installation. For connections not installed using SYSLINK this is the user ID that made the last modification to the connection definition.
Number of bids currently in progress	CONCURBIDS	The number of bids currently in progress.
Local connection create time	CONNCREATIME	The local time when the connection was created
Local connection delete time	CONNDELETIME	The local time when the connection was deleted
Connection status	CONNSTATUS	For connections using either the APPC or MRO protocol, the status of the connection as one of the following: • ACQUIRED - The connection is acquired. • AVAILABLE - The connection is acquired, but there are currently no bound sessions. • FREEING - The connection is being released. • NOTAPPLIC - The connection is not a CICS-to-CICS MRO or APPC connection. • OBTAINING - The connection is being acquired. • RELEASED - The connection is released. Input Values: ACQUIRED, RELEASED
External CICS interface type	CONNTYPE	Indicates whether this connection is: • SPECIFIC - For communication from a non-CICS client program to the CICS system, and is an MRO link with one or more sessions dedicated to a single user in a client program. • GENERIC - For communication from a non-CICS client program to the CICS system, and is an MRO link with a number of sessions to be shared by multiple external CICS interface users. • NOTAPPLIC - Not an external CICS interface connection.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	If the connection was installed using a CICSPlex SM SYSLINK definition, this is the local date and time of the installation. For connections not installed using SYSLINK this is the local date and time when the connection definition record was created on DFHCSD or EYUDREP.
Number of DL/I function ships	DLIFUNCSHIP	The number of DL/I requests for function shipping.
Number of Distributed Program Link function ships	DPLFUNCSHIP	The number of Distributed Program Link (DPL) requests that have been function shipped across this connection.
Interval Control FS start requests with channels	ESTICCHNL	Number of Interval Control FS start requests with channels
Number of bytes received on START channel requests	ESTICCHNRCVD	The number of bytes received on START channel requests
Number of bytes sent on START channel requests	ESTICCHNSENT	The number of bytes sent on START channel requests
Program Control FS LINK requests with channels	ESTPCCHNL	Number of program control FS LINK requests with channels
Bytes received on LINK channel requests	ESTPCCHNRCVD	Number of bytes received on LINK channel requests

Table 80. Fields in CONNECT views (continued)

Field	Attribute name	Description
Bytes sent on LINK channel requests	ESTPCCHNSENT	Number of bytes sent on LINK channel requests
Number of terminal sharing channel requests	ESTTCCHNL	The number of terminal sharing channel requests.
Bytes received on terminal sharing channel requests	ESTTCCHNRCVD	Number of bytes received on terminal sharing channel requests
Bytes sent on terminal sharing channel requests	ESTTCCHNSENT	Number of bytes sent on terminal sharing channel requests
Exit Tracing status	EXITTRACING	Controls the terminal exit program's tracing activity for the sessions associated with this connection. A value of NOTAPPLIC means this connection is either not an LU6.1 or APPC connection, or it is a remote connection. Input Values: EXITTRACE, NOEXITTRACE
Allocates rejected because QUEUELIMIT reached	EXIT_REJALLC	The total number of allocates rejected due to the QUEUELIMIT value being reached.
Number of allocate requests with other failure	FAILEDOTHERS	The number of allocate requests that failed due to a session not being currently available for use.
Number of allocate requests with link failure	FAILINKALLOC	The number of allocate requests that failed due to the connection being released, out of service, or with a closed mode group.
Number of File Control function ships	FCFUNCSHIP	The number of file control requests for function shipping.
GMT connection create time	GMTCREATIME	The time when the connection was created in Greenwich Mean Time (GMT) format
GMT connection delete time	GMTDELETIME	The time when the connection was deleted in Greenwich Mean Time (GMT) format
APPC generic resource	GRNAME	For an APPC connection to a generic resource when this system is also a generic resource, this field contains the 8-character generic resource name of the connected LU. Otherwise, the field is blank.
Number of Interval Control function ships	ICFUNCSHIP	The number of interval control requests for function shipping.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • AUTOINSTALL - The resource was autoinstalled. • GRPLIST - The resource was installed by GRPLIST INSTALL.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Name of real link towards TOR	LINKSYSTEM	The 4-character name of the connection that is the real link towards the TOR for a remote or indirect system entry, if it is available. It is not set if some connection definitions in the chain from the remote or indirect entry to the link system are missing.
Maximum number of concurrent bids	MAXBIDS	The maximum number of bids in progress at any one time.
Peak number of primary sessions in use	MAXPRIMARIES	The maximum number of primary (contention loser) sessions in use at any one time.
Number of allocates purged when MAXQTIME exceeded	MAXQTALLCPRG	The number of allocates purged because the queue processing time would have exceeded the maximum queue time value.
Maximum queue time	MAXQTIME	The maximum amount of time, in seconds, provided to process an allocate queue once the QUEUELIMIT value for the connection has been reached. If an allocate queue would take longer than this to process, the queue is purged.

Table 80. Fields in CONNECT views (continued)

Field	Attribute name	Description
Number of allocates purged due to MAXQTIME value	MAXQTPURGCNT	The number of times an allocate queue has been purged because its processing time would have exceeded the maximum queue time value.
Peak number of secondaries in use at one time	MAXSECOND	The maximum number of secondary (contention winner) sessions in use at any one time.
Member name of connected LU	MEMBERNAME	For an APPC connection to a generic resource when this system is also a generic resource, this field contains the 8-character member name (applid) of the connected LU. Otherwise, the field is blank.
Connection ID	NAME	The name of the installed connection.
Net name	NETNAME	The name by which the remote system is known to the network.
Number of AIDs waiting for a session	NONSPECAIDS	The current number of automatic initiator descriptors (AIDs) that are waiting for a session to become available.
Network qualified name	NQNAME	The network qualified name if one was sent by VTAM at logon time.
Peak number of outstanding allocate requests	OUTSALLOC	The maximum number of allocate requests that were queued for this system.
Pending status	PENDSTATUS	For connections using the APPC and MRO protocol, indicates whether there are any units of work that require resynchronization after a session failure (PENDING or NOTPENDING).
Number of primaries currently in use	PRICURRUSED	The number of primary (contention loser) sessions currently in use
Connection protocol	PROTOCOL	For connections with an access method of VTAM, indicates which SNA protocol is in use, either LU61 or APPC. A value of EXCI means this connection uses the External CICS Interface. A value of NOTAPPLIC means this connection is not a VTAM connection.
Number of queued allocate requests	QUEDALLOCATE	The current number of queued allocate requests against this system.
Number of defined receive sessions	RECEIVECOUNT	For MRO connections, the number of receive sessions defined in the SESSIONS definition.
Recovery status	RECOVSTATUS	Indicates whether there is recovery information outstanding for the connection: • NORECOVDATA - The connection was quiesced and neither side of the connection has recovery information outstanding. Data integrity will be maintained for a cold start of the local CICS system. • RECOVDATA - The local CICS system has either in-doubt logical units of work or outstanding resynchronizations on the connection. Resynchronization will take place the next time the connection becomes active. Data integrity will not be maintained for a cold start of the local CICS system. • NRS - The connection is active and has completed the exchange of lognames. There may be logical units of work in-flight or in resynchronization.
Connection name in remote system	REMOTENAME	The name by which this connection is known in a remote system.
Net name of the owning TOR	REMOTESYSNET	The system ID of the owning TOR
Remote connection name	REMOTESYSTEM	The name of the remotely connected system
Number of secondaries currently in use	SECCURRUSED	The number of secondary (contention winner) sessions currently in use.
Number of defined send sessions	SENDCOUNT	For MRO connections, the number of send sessions defined in the SESSIONS definition.

Table 80. Fields in CONNECT views (continued)

Field	Attribute name	Description
Service status	SERVSTATUS	Indicates whether the system can receive and send data as follows: • INSERVICE - The connection is in service; the system can send and receive data. • OUTSERVICE - The connection is not in service; the system can not send or receive data. • GOINGOUT - An OUTSERVICE request was issued for the connection, but can not be processed until all current work is complete.
Number of Transient Data function ships	TDFUNCSHIP	The number of transient data requests for function shipping.
Number of terminal sharing requests	TERMSHAREREQ	The number of transaction routing commands.
Number of Temporary Storage function ships	TSFUNCSHIP	The number of temporary storage requests for function shipping.
Connection type	TYPE	The connection type. Values are: LU61, LU62, INDIRECT, MRO, NETBIOS, or TCPIP
Exchange lognames (XLN) status	XLNSTATUS	The status of the exchange lognames (XLN) process. A value of NOTAPPLIC means that the link is released, the link is MRO, LU6.1, or single-session APPC, or the link does not support synchronization level 2 conversations.
Number of allocates purged by XZIQUE exit	XZIQALLCPRG	The number of allocates purged as a result of the XZIQUE exit requesting that queues be purged.
Number of queue purges requested by XZIQUE exit	XZIQPRGCNT	The number of allocate queue purges requested by the XZIQUE exit.
Number of allocates rejected by XZIQUE exit	XZIQREJS	The number of allocates rejected by the XZIQUE exit.
ZCP tracing	ZCPTRACING	Indicates the status of the ZCP trace facility. A value of NOTAPPLIC means this connection is not LU6.1 or APPC. Input Values: ZPTRACE, NOZPTRACE

IPIC connections - IPCONN

In a TCP/IP network, **IPIC connection** (IPCONN) views display the state of currently-installed IP intercommunications connections (also known as "*IPIC* connections").

Supplied views

To access from the main menu, click:

CICS operations views > TCP/IP service operations views > IPIC connections

Table 81. Views in the supplied **IPIC connections** *(IPCONN) view set*

View	Notes
IPIC connections EYUSTARTIPCONN.ACQUIRE	Acquire a connection
IPIC connections EYUSTARTIPCONN.BACKOUT	Back out all units of work that have been shunted because of the failure of this IPIC connection.
IPIC connections EYUSTARTIPCONN.CANCEL	Cancel all automatic initiation descriptors (AIDs) queuing for the IPIC connection.

Table 81. Views in the supplied **IPIC connections** *(IPCONN) view set (continued)*

View	Notes
IPIC connections EYUSTARTIPCONN.COMMIT	Commit all units of work that have been shunted because of the failure of this IP connection.
IPIC connections EYUSTARTIPCONN.DETAIL4	Detailed information about the resource signature.
IPIC connections EYUSTARTIPCONN.DETAILED	Detailed information about a selected IP interconnectivity (IPIC) connection.
IPIC connections EYUSTARTIPCONN.DETAILED2	Detailed session information and allocate requests for a selected IP interconnectivity (IPIC) connection.
IPIC connections EYUSTARTIPCONN.DETAILED3	Detailed function ship information for a selected IP interconnectivity (IPIC) connection.
IPIC connections EYUSTARTIPCONN.DISCARD	Discard a connection from the CICS system where it is installed. The connection must be out of service before it can be discarded.
IPIC connections EYUSTARTIPCONN.FORCE	Force all UOWs shunted because of the failure of this IPIC connection to BACKOUT or COMMIT, as specified on the ACTION option of the TRANSACTION definition.
IPIC connections EYUSTARTIPCONN.FORCECANCEL	Cancel all AIDs, including system AIDs, queuing for the IPIC connection.
IPIC connections EYUSTARTIPCONN.FORCEPURGE	Force transactions associated with the IP connection purged immediately.
IPIC connections EYUSTARTIPCONN.INSERVICE	Place a connection in service.
IPIC connections EYUSTARTIPCONN.KILL	Terminate the task allocated to the IPCONN session. System and data integrity is not guaranteed. The KILL option extends the PURGE and FORCEPURGE options. It should be used only after an attempt has been made to PURGE or FORCEPURGE a task. The KILL option does not guarantee integrity of any kind but in some situations it allows you to free up a stalled region, enabling the region to continue processing. In some cases, for example, if a task is killed during backout processing, CICS terminates abnormally.
IPIC connections EYUSTARTIPCONN.NORECOVDATA	Force all in-doubt units of work, forget any outstanding resynchs, and erase the logname previously received from the partner system.
IPIC connections EYUSTARTIPCONN.NOTPENDING	Force all in-doubt units of work and forget any outstanding resynchs created before the initial (or cold) start of the partner system. This overrides the resynchronization process.
IPIC connections EYUSTARTIPCONN.OUTSERVICE	Take a connection out of service.
IPIC connections EYUSTARTIPCONN.PURGE	Purge normally the transactions associated with the IPIC connection. CICS terminates the transactions associated with this connection only if system and data integrity can be maintained. **Note:** A transaction is not purged if its definition specifies SPURGE=NO.
IPIC connections EYUSTARTIPCONN.RELEASE	Release the IPIC connection.
IPIC connections EYUSTARTIPCONN.RESYNC	Attempt exchange lognames resynchronization.

Table 81. Views in the supplied **IPIC connections** *(IPCONN) view set (continued)*

View	Notes
IPIC connections EYUSTARTIPCONN.SET	Display the **Set** view in order to change the attributes of a selected connection.
IPIC connections EYUSTARTIPCONN.TABULAR	Tabular information about IP interconnectivity (IPIC) connections.

Actions

Table 82. Actions available for IPCONN views

Action	Description
ACQUIRE	Acquire a connection
BACKOUT	Back out all units of work that have been shunted because of the failure of this IPIC connection.
CANCEL	Cancel all automatic initiation descriptors (AIDs) queuing for the IPIC connection.
COMMIT	Commit all units of work that have been shunted because of the failure of this IP connection.
DISCARD	Discard a connection from the CICS system where it is installed. The connection must be out of service before it can be discarded.
FORCE	Force all UOWs shunted because of the failure of this IPIC connection to BACKOUT or COMMIT, as specified on the ACTION option of the TRANSACTION definition.
FORCECANCEL	Cancel all AIDs, including system AIDs, queuing for the IPIC connection.
FORCEPURGE	Force transactions associated with the IP connection purged immediately.
INSERVICE	Place a connection in service.
KILL	Terminate the task allocated to the IPCONN session. System and data integrity is not guaranteed. The KILL option extends the PURGE and FORCEPURGE options. It should be used only after an attempt has been made to PURGE or FORCEPURGE a task. The KILL option does not guarantee integrity of any kind but in some situations it allows you to free up a stalled region, enabling the region to continue processing. In some cases, for example, if a task is killed during backout processing, CICS terminates abnormally.
NORECOVDATA	Force all in-doubt units of work, forget any outstanding resynchs, and erase the logname previously received from the partner system.
NOTPENDING	Force all in-doubt units of work and forget any outstanding resynchs created before the initial (or cold) start of the partner system. This overrides the resynchronization process.
OUTSERVICE	Take a connection out of service.
PURGE	Purge normally the transactions associated with the IPIC connection. CICS terminates the transactions associated with this connection only if system and data integrity can be maintained. **Note:** A transaction is not purged if its definition specifies SPURGE=NO.
RELEASE	Release the IPIC connection.
RESYNC	Attempt exchange lognames resynchronization.
SET	Display the **Set** view in order to change the attributes of a selected connection.

Fields

Table 83. Fields in IPCONN views

Field	Attribute name	Description
Number of allocations failed on link	ALLCFAILLINK	The number of session allocations that have failed on the link for this connection.

Table 83. Fields in IPCONN views (continued)

Field	Attribute name	Description
Number of allocations failed for other reasons	ALLCFAILOTH	The number of session allocations that have failed on this connection for non-link related reasons.
Remote application ID	APPLID	The name by which the remote system is known to the network (taken from the APPLID option of the IPCONN definition). This is the application identifier (*applid*) of the remote system, as specified on the APPLID option of its system initialization table. For XRF systems it is the generic applid.
Autoconnect option	AUTOCONNECT	Identifies which AUTOCONNECT option has been specified in the IPCONN definition: • NOAUTOCONN – CICS does not try to establish sessions when the IPIC connection is installed. • AUTOCONN – CICS tries to establish sessions when the IPIC connection is installed.
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Certificate	CERTIFICATE	The name of a certificate within the key ring file that is to be used as a client certificate in the SSL handshake for outbound IPCONN connections.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • AUTOINSTALL - The resource was last autoinstalled. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	If the connection was installed using a CICSPlex SM SYSLINK definition, this is the CICS release level of the CICS system where the connection is installed. For connections not installed using SYSLINK this is the CICS release level of the agent that made the last modification to the IPIC connection definition.
Last modification time	CHANGETIME	If the connection was installed using a CICSPlex SM SYSLINK definition, this is the local date and time of the install. For connections not installed using SYSLINK this is the local date and time when the IPIC connection definition was last changed.
Last modification user ID	CHANGEUSRID	If the connection was installed using a CICSPlex SM SYSLINK definition, this is the user ID that requested the install. For connections not installed using SYSLINK this is the user ID that made the last modification to the IPIC connection definition.
SSL cipher suite codes	CIPHERS	A value specifying up to 28 cipher suites, in the form of hexadecimal pairs. From CICS Transaction Server 5.1 this field can alternatively specify the name of an XML file residing on zFS which contains a list of ciphers. An XML file can be up to 28 characters.

Table 83. Fields in IPCONN views (continued)

Field	Attribute name	Description
Most diverse route to partner system	CLIENTLOC	An IPCONN may use a number of sockets to provide different paths to its partner system. The SO_CLUSTERCONNTYPE options returned by z/OS Communications Server for all the sockets used by the IPCONN are evaluated, and the options representing the most diverse route are returned here. The binary format of SO_CLUSTERCONNTYPE is converted to characters and displayed here as either zeros or ones. See the z/OS 1.9 Communications Server IP Sockets Application Programming Interface Guide in the z/OS 1.9 Information Center for a description of SO_CLUSTERCONNTYPE and an explanation of the bit settings.
Connection status	CONNSTATUS	The state of the IPIC connection between CICS and the remote system: • ACQUIRED – The IPIC connection is acquired. The criterion for ACQUIRED is that the capabilities exchange is complete. (The capabilities exchange is how two connected CICS regions discover the levels of service that they can collectively support; for example, the syncpoint level, and security protocols such as SSL.) • FREEING – The IPIC connection is being released. • OBTAINING – The IPIC connection is being acquired. The connection remains in the OBTAINING state until all the criteria for ACQUIRED have been met. • RELEASED – The IPIC connection is RELEASED. Although it may also be in INSERVICE status, it is not usable.
Number of receive sessions in use	CRECVSESS	The number of receive sessions in use on this connection.
Number of send sessions in use	CSENDSESS	The number of send sessions in use on this connection.
Current number of allocates queued	CURRQUEUED	The number of session allocations currently queued on this connection.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	If the connection was installed using a CICSPlex SM SYSLINK definition, this is the local date and time of the install. For connections not installed using SYSLINK this is the local date and time when the IPIC connection definition record was created on DFHCSD or EYUDREP.
Number of XISQUE allocates purged	EXITALLCPUR	The number of sessions on this connection that have been purged by the XISQUE exit module.
Number of XISQUE allocation queue purges	EXITALLCQPUR	The number of session allocations on this connection that have been purged by the XISQUE exit module.
Number of XISQUE allocate rejections	EXITALLCREJ	The number of session allocations on this connection that have been rejected by the XISQUE exit module.
Number of FC function shipped bytes received	FSFCBYTERECD	The number of bytes received by file control requests.
Number of FC function shipped bytes sent	FSFCBYTESENT	The number of bytes sent by file control requests.
Number of FC function shipped requests	FSFCREQS	The number of file control requests for function shipping on this connection.
Number of IC function shipped bytes received	FSICBYTERECD	The number of bytes received on interval control requests.

Table 83. Fields in IPCONN views (continued)

Field	Attribute name	Description
Number of IC function shipped bytes sent	FSICBYTESENT	The number of bytes sent on interval control requests.
Number of IC function shipped requests	FSICREQS	The number of interval control requests for function shipping on this connection.
Number of PC function shipped bytes received	FSPCBYTERECD	The number of bytes received on LINK requests.
Number of PC function shipped bytes sent	FSPCBYTESENT	The number of bytes sent on LINK requests.
Number of PC function shipped requests	FSPGREQS	The number of program control LINK requests for function shipping on this connection.
Number of TD function shipped bytes received	FSTDBYTERECD	The number of bytes received on transient data requests.
Number of TD function shipped bytes sent	FSTDBYTESENT	The number of bytes sent on transient data requests.
Number of TD function shipped requests	FSTDREQS	The number of transient data requests for function shipping on this connection.
Number of TS function shipped bytes received	FSTSBYTERECD	The number of bytes received on temporary storage requests.
Number of TS function shipped bytes sent	FSTSBYTESENT	The number of bytes sent on temporary storage requests.
Number of TS function shipped requests	FSTSREQS	The number of temporary storage requests for function shipping on this connection.
GMT connection create time	GMTCTIME	The time when the connection was created in Greenwich Mean Time (GMT) format.
GMT connection delete time	GMTDTIME	The time when the connection was deleted in Greenwich Mean Time (GMT) format
High availability status	HA	Indicate whether the IPIC connection requires high availability. • REQUIRED – The IPIC connection requires high availability. • NOTREQUIRED – The IPIC connection does not require high availability.
Remote host name	HOST	The host name or IP address of the remote system. The HOSTTYPE option gives the format of this value as either a name, an IPv4 address or an IPv6 address.
Host name's address format	HOSTTYPE	The format of the host's address. These are the possible values: • HOSTNAME - HOST contains a character host name. The IP address that corresponds to the host name is looked up using DNS. • IPV4 - HOST contains an IPv4 address specified in dotted decimal address format. • IPV6 - HOST contains an IPv6 address specified in colon hexadecimal address format. • NOTAPPLIC - The HOST name or address is incorrect (HOST=0.0.0.0 or HOST=*).

Table 83. Fields in IPCONN views (continued)

Field	Attribute name	Description
Identity propagation	IDPROP	Specifies whether the Distributed ID will be transmitted to the connected system by the sender. The IDPROP attribute is meaningful only if a connection extends outside a sysplex and is used primarily to prevent distributed identities being distributed between enterprises. If the connection is between systems in the same sysplex, the connection operates as if IDPROP(OPTIONAL) is specified and ignores any other setting. • NOTALLOWED: A user ID associated with the sending transaction is sent for requests using this connection. NOTALLOWED is the default value. • OPTIONAL: A distributed identity is sent, if available. The user ID associated with the sending transaction is also sent. • REQUIRED: A distributed identity is required for requests using this connection. If REQUIRED is specified, the receiving system must support distributed identities. The user ID associated with the sending transaction is not sent. If you specify IDPROP(REQUIRED), a task using the IPIC connection must have an associated distributed identity, otherwise the request fails with a security error.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • AUTOINSTALL - The resource was autoinstalled. • GRPLIST - The resource was installed by GRPLIST INSTALL.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
The format of the resolved IP address	IPFAMILY	The format of the resolved IP address, IPRESOLVED. These are the possible values: • IPV4 - The address is specified in IPv4 dotted decimal address format. • IPV6 - The address is specified in IPv6 colon hexadecimal address format. • UNKNOWN - IPRESOLVED is not yet in use, or the address cannot be resolved. This is the default when IPRESOLVED is 0.0.0.0
Remote host's IP address	IPRESOLVED	The resolved IPv4 or IPv6 address of the HOST to which this IPCONN applies, or 0.0.0.0 if it is unavailable or unknown. The format of this IP address is given by the IPFAMILY option.
Link security	LINKAUTH	Specifies how the user ID for link security is established in a CICS system with security initialized (SEC=YES). • CERTUSER - TCP/IP communication with the partner system must be configured for SSL and a certificate must be received from the partner system during SSL handshake. For example, the TCPIPSERVICE in the partner CICS system should be defined with SSL(YES) or SSL(CLIENTAUTH) In addition, this received certificate must be defined to the external security manager so that it is associated with a user ID. This user ID is used to establish link security. • SECUSER - The user ID specified in SECURITYNAME is used to establish link security. This is the default value.
Local connection create time	LOCCTIME	The local time when the connection was created.
Local connection delete time	LOCDTIME	The local time when the connection was deleted.
Maximum queue time	MAXQTIME	The maximum time, in seconds, for which allocate requests may be queued. The value is in the range 0-9999, or will have the standard null value of -1 if MAXQTIME(NO) is specified on the IPCONN definition.

Table 83. Fields in IPCONN views (continued)

Field	Attribute name	Description
Minimum mirror lifetime	MIRRORLIFE	Indicates the minimum lifetime of the mirror task for function shipped requests received by this region. This parameter only takes affect when specified on the IPCONN on the resource-owning region and is not to be honored for function shipping interval control or linkrequests. • REQUEST: The mirror task will terminate as soon as possible. • TASK: The mirror task remains available to the application issuing the remote request the until the end of this application's task. • UOW: The mirror transaction remains available to the application issuing the remote request until the next syncpoint is issued.
Number of queue time allocates purged	MQTALLPURG	The number of session allocations that have been purged on this connection because the queue time value has been exceeded.
Number of queue time allocation queue purges	MQTALLQPURG	The number of session allocations that have failed on this connection because the queue time value has been exceeded.
IPIC connection ID	NAME	The 8-character identifier of the remote system or region (that is, the name assigned to its IPCONN definition).
Remote network ID	NETWORKID	The network ID of the remote system. This is the value of the NETWORKID option of the IPCONN definition. If NETWORKID is not specified on the IPCONN definition, the value returned is the VTAM NETID or, for VTAM=NO systems, the value of the UOWNETQL system initialization parameter, of this CICS (that is, the CICS on which the IPCONN definition is installed). NETWORKID is used in combination with the APPLID option to ensure unique naming for connecting systems.
Number of SSL cipher suite codes	NUMCIPHERS	The count of cipher suite codes, which are specified as hexadecimal pairs. A value of 0 could indicate the use of an XML cipher file.
Product token of partner system	PARTNER	The product token of the partner system, unless the partner system is CICS TS 5.3 or later and is making use of the HTTPUSRAGENTHDR system initialization parameter. The field is blank when the connection is not acquired or if the partner system has not indicated a product token when the connection is established. For example, the partner system is IBM_CICS_Transaction_Server/4.1.0(zOS) for a CICS TS 4.1 partner.
Number of peak queued session allocations	PEAKQUEUED	The maximum number of session allocations queued on this connection at any one time.

Table 83. Fields in IPCONN views (continued)

Field	Attribute name	Description
Pending status	PENDSTATUS	Identifies whether there are any pending units of work for this IPIC connection: • NOTPENDING – There has been no mismatch of lognames with the partner. • PENDING – There is resynchronization work outstanding for the IPIC connection but the partner system has performed an initial start, preventing completion of the resynchronization process. You can use the SET IPCONN NOTPENDING command to unilaterally commit or back out the units of work associated with the connection, according to their associated transaction definitions. You can also investigate the units of work individually and force them to commit or back out, in which case you must also complete the recovery activity by using a SET IPCONN NOTPENDING command to clear the PENDING condition. No new syncpoint work (that is, work involving sync level 2 protocols) can be transmitted across the connection until a SET IPCONN NOTPENDING command has been issued. If you are not concerned by the loss of synchronization caused by the initial (or cold) start of the partner, you can cause the SET IPCONN NOTPENDING command to be issued automatically by specifying XLNACTION(FORCE) on the IPCONN definition.
Port number	PORT	The port number used for outbound requests on this IPIC connection; that is, the number of the port on which the remote system is listening. If the IPCONN is defined with PORT(NO), the value is -1.
Maximum number of receive sessions used	PRECVSESS	The maximum number of receive sessions in use on this connection at any one time.
Maximum number of send sessions used	PSENDSESS	The maximum number of send sessions in use on this connection at any one time.

Table 83. Fields in IPCONN views (continued)

Field	Attribute name	Description
Purge type	PURGETYPE	How associated transactions are purged: • CANCEL – AIDs queuing for the specified IPCONN are canceled. • FORCECANCEL – All AIDs, including system AIDs, queuing for the IPCONN are canceled. **Note:** FORCECANCEL does not remove transient data AIDs with an associated triggered task. You can remove these AIDs by purging the associated task. • FORCEPURGE – All transactions running on sessions on the connected system are immediately terminated abnormally. This can lead to unpredictable results and should be used only in exceptional circumstances. In some extreme cases (for example, if an error occurs during backout processing), CICS might terminate abnormally. For in-doubt and shunted UOWs, FORCEPURGE has no effect. **Note:** To force shunted UOWs, the operator must issue SET IPCONN COMMIT, BACKOUT, or FORCE following a FORCEPURGE. This can lead to unpredictable results and should be used only in exceptional circumstances. • KILL – The task allocated to the IPCONN session is terminated. System and data integrity is not guaranteed. The KILL option extends the PURGE and FORCEPURGE options. It should be used only after an attempt has been made to PURGE or FORCEPURGE a task. The KILL option does not guarantee integrity of any kind but in some situations it allows you to free up a stalled region, enabling the region to continue processing. In some cases, for example, if a task is killed during backout processing, CICS terminates abnormally. • PURGE – Transactions running on the connected system are abnormally terminated. Transactions are terminated only if system and data integrity can be maintained. A transaction is not purged if its definition specifies SPURGE=NO, or if the UOW is shunted.
Number of queue limit allocate rejections	QLIMALLOCREJ	The number of session allocations that have failed on this connection because the queue limit value has been reached.
Queue limit	QUEUELIMIT	The maximum number of allocate requests that can be queued for this IPIC connection. The value is in the range 0-9999, or will have the standard null value of -1 if QUEUELIMIT(NO) is specified on the IPCONN definition.
Receive count	RECEIVECOUNT	The number of RECEIVE sessions defined for this IPIC connection.
Recovery status	RECOVSTATUS	Identifies whether there is resynchronization work outstanding for the IPIC connection. The connection may never have been connected, have been quiesced and all resynchronization work completed, or disrupted without quiescence, in which case resynchronization may be necessary. • NORECOVDATA – Neither side has recovery information outstanding. • NRS – CICS does not have recovery outstanding for the connection, but the partner may have. • RECOVDATA – There are in-doubt units of work associated with the IPIC connection, or there are outstanding resynchronization tasks awaiting FORGET on the connection. Resynchronization takes place when the connection next becomes active, or when the UOW is unshunted.
Remote terminal starts	REMTRMSTRT	The number of remote terminal starts over this connection.

Table 83. Fields in IPCONN views (continued)

Field	Attribute name	Description
Security name of the remote system	SECURITYNAME	This is the security name of the remote system and is applicable to PROTOCOL(IPIC) only. In a CICS system with security initialized (SEC=YES), the security name is used to establish the authority of the remote system. The security name must be a valid RACF user ID on your system. The default value for the security name is the default user ID.
Send count	SENDCOUNT	The number of SEND sessions defined for this IPIC connection. If a value of 0 is shown, then this IPIC connection may only receive data.
Service status	SERVSTATUS	Identifies whether data can be sent and received on the IPIC connection: • INSERVICE – Data can be sent and received. • OUTSERVICE – Data cannot be sent or received.
Secure sockets layer (SSL) type	SSLTYPE	Whether the service uses secure sockets layer. • NOSSL - The service does not use secure sockets layer. • SSL - Secure sockets layer is used by this service except for client authentication.
TCP/IP service	TCPIPSERVICE	The 8-character name of a PROTOCOL(IPIC) TCPIPSERVICE definition that defines the attributes of the inbound processing for this IPCONN.
Total number of session allocations	TOTALLOC	The total number of sessions that have been used on this connection.
Number of transactions attached	TRANSATTCH	The number of transactions that have been attached on this connection.
Number of TR function shipped bytes received	TRBYTERECD	The number of bytes received for transaction routing on this connection.
Number of TR function shipped bytes sent	TRBYTESENT	The number of bytes sent for transaction routing on this connection.
Number of TR function shipped requests	TRREQS	The number of transaction routing requests over this connection.
Number of unsupported requests	UNSUPREQS	The number of attempts to function ship unsupported requests across this connection.
UOW Action	UOWACTION	The action taken for units of work (UOWs) that are shunted because of the failure of this IPIC connection: • BACKOUT – All UOWs shunted because of the failure of this IPIC connection are backed out. • COMMIT – All UOWs shunted because of the failure of this IPIC connection are committed. • FORCEUOW – All UOWs shunted because of the failure of this IPIC connection are forced to BACKOUT or COMMIT, as specified on the ACTION option of the TRANSACTION definition. • RESYNC – Any UOWs shunted because of the failure of this IPIC connection are retried (that is, exchange lognames resynchronization for this connection is attempted). This process should normally be started automatically when a connection is acquired or when a UOW is unshunted.

Table 83. Fields in IPCONN views (continued)

Field	Attribute name	Description
Attach-time user security level	USERAUTH	The level of attach-time user security required for the connection: • DEFAULTUSER - CICS will not accept a user ID and password from the partner system. All requests run under the default user ID. • LOCAL - CICS will not accept a user ID and password from the partner system. All requests will run under the user ID determined for link security. • VERIFY - Incoming attach requests must specify a user identifier and a user password. • IDENTIFY - Incoming attach requests must specify a user identifier. For CICS TS Version 4 Release 1 system, this allows the distributed ID to be transmitted to the connected system by the sender, should it be required.

LU 6.2 mode names - MODENAME

The **LU6.2 mode names** (MODENAME) views display information about LU 6.2 modenames.

Supplied views

To access from the main menu, click:

CICS operations views > Connection operations views > LU 6.2 mode names

Table 84. Views in the supplied **LU6.2 mode names** *(MODENAME) view set*

View	Notes
LU6.2 mode names EYUSTARTMODENAME.ACQUIRE	Acquire all negotiated contention-winner sessions. To increase the number of available sessions, click Set Attributes and overtype the value in the Number of Sessions Available field.
LU6.2 mode names EYUSTARTMODENAME.CLOSE	Set the available sessions value to 0. The connected system is prevented from acquiring any sessions.
LU6.2 mode names EYUSTARTMODENAME.DETAILED	Detailed information about a selected LU 6.2 mode name.
LU6.2 mode names EYUSTARTMODENAME.SET	Change the attributes of a selected LU 6.2 mode name.
LU6.2 mode names EYUSTARTMODENAME.TABULAR	Tabular information about LU 6.2 mode names.

Actions

Table 85. Actions available for MODENAME views

Action	Description
ACQUIRE	Acquire all negotiated contention-winner sessions. To increase the number of available sessions, click Set Attributes and overtype the value in the Number of Sessions Available field.
CLOSE	Set the available sessions value to 0. The connected system is prevented from acquiring any sessions.
SET	Change the attributes of a selected LU 6.2 mode name.

Fields

Table 86. Fields in MODENAME views

Field	Attribute name	Description
Autoconnect status	AUTOCONN	Indicates whether sessions are to be bound automatically whenever CICS starts communication with VTAM: • ALLCONN: CICS tries to bind both contention-winner and contention-loser sessions. • AUTOCONN: CICS tries to bind only sessions for which it is contention winner. • NONAUTOCONN: CICS does not try to bind any sessions.
Connection name	CONNECTION	The name of the connection that this group of sessions is associated with.
Connection status	CONNSTATUS	The status of the connection. Valid values are: RELEASED, CLOSED, ACQUIRED, FREEING, AVAILABLE, OBTAINING.
Mode name	NAME	The name of the mode name associated with the group of sessions.
Number of active sessions	SESSACTV	The number of sessions within this group that are currently in use.
Number of sessions available	SESSAVAIL	The current number of sessions in the group that are bound, including sessions currently in use, and those available for use.
Maximum number of sessions	SESSMAX	The maximum number of sessions that will be supported within this group at one time.
Maximum number of contention winner sessions	SESSMAXWIN	The maximum number of sessions that can be supported as contention winners within this group.

Partners - PARTNER

The **Partners** (PARTNER) views display general information about currently installed partner tables.

Supplied views

To access from the main menu, click:

CICS operations views > Connection operations views > Partners

Table 87. Views in the supplied **Partners** *(PARTNER) view set*

View	Notes
Partners EYUSTARTPARTNER.DETAILED	Detailed information about a selected partner table.
Partners EYUSTARTPARTNER.DISCARD	Discard a partner table from the CICS system where it is installed.
Partners EYUSTARTPARTNER.TABULAR	Tabular information about partner tables.

Actions

Table 88. Actions available for PARTNER views

Action	Description
DISCARD	Discard a partner table from the CICS system where it is installed.

Fields

Table 89. Fields in PARTNER views

Field	Attribute name	Description
Node where partner located	NETNAME	The node name where the partner table is located.
Network where partner located	NETWORK	The network name where the partner table is located. If this value is blank, the partner is in the same network as your CICS system.
Partners	PARTNER	The name of the partner table.
Profile name for partner	PROFILE	The profile name for the partner table.
Remote transaction program name	TPNAME	The remote transaction program name associated with the partner table.
Length of remote transaction program name	TPNAMELEN	The number of characters in the remote transaction program name.

Profiles - PROFILE

The **Profiles** (PROFILE) view shows general information about currently installed profiles.

Supplied views

To access from the main menu, click:

CICS operations views > **Connection operations views** > **Profiles**

Table 90. Views in the supplied **Profiles** *(PROFILE) view set*

View	Notes
Profiles EYUSTARTPROFILE.DETAIL1	Detailed information about the resource signature.
Profiles EYUSTARTPROFILE.DETAILED	Detailed information about a selected profile.
Profiles EYUSTARTPROFILE.DISCARD	Discard a profile from the CICS system where it is installed.
Profiles EYUSTARTPROFILE.TABULAR	Tabular information about installed profiles.

Actions

Table 91. Actions available for PROFILE views

Action	Description
DISCARD	Discard a profile from the CICS system where it is installed.

Fields

Table 92. Fields in PROFILE views

Field	Attribute name	Description
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.

Table 92. Fields in PROFILE views (continued)

Field	Attribute name	Description
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • SYSTEM - The resource was last changed by the CICS or CICSPlex SM system. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • GRPLIST - The resource was installed by GRPLIST INSTALL.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Profiles	PROFILE	The name of the profile.

TCP/IP services - TCPIPS

The **TCP/IP service name** (TCPIPS) views display information about CICS internal sockets support.

Supplied views

To access from the main menu, click:

CICS operations views > TCP/IP service operations views > TCP/IP services

Table 93. Views in the supplied **TCP/IP service** *(TCPIPS) view set*

View	Notes
TCP/IP service EYUSTARTTCPIPS.CLOSE	Close a TCP/IP service. When this action command is used, a managed CICS system no longer accepts input from this TCP/IP service definition. Output operations from transactions in a managed CICS system that use this TCP/IP service definition are allowed to complete.
TCP/IP service EYUSTARTTCPIPS.DETAIL1	Detailed SSL cipher suite code information for a selected TCP/IP service definition.

Table 93. Views in the supplied **TCP/IP service** *(TCPIPS) view set (continued)*

View	Notes
TCP/IP service EYUSTARTTCPIPS.DETAIL2	Detailed information about the resource signature.
TCP/IP service EYUSTARTTCPIPS.DETAILED	Detailed information about a selected TCP/IP service definition.
TCP/IP service EYUSTARTTCPIPS.DISCARD	Discard a TCP/IP service definition from the CICS system where it is installed.
TCP/IP service EYUSTARTTCPIPS.IMMCLOSE	Requests a TCP/IP service definition to be closed immediately. When this action command is used, a managed CICS system no longer accepts input from this TCP/IP service definition. If a managed CICS system has transactions that are using the TCP/IP service definition, when this action command is used these transactions may be abnormally terminated.
TCP/IP service EYUSTARTTCPIPS.OPEN	Open a TCP/IP service. When this action command is used, a managed CICS system will accept input from this TCP/IP service definition.
TCP/IP service EYUSTARTTCPIPS.SET	Set attributes according new values specified in input fields.
TCP/IP service EYUSTARTTCPIPS.TABULAR	Tabular information about currently installed TCP/IP service definitions.

Actions

Table 94. Actions available for TCPIPS views

Action	Description
CLOSE	Close a TCP/IP service. When this action command is used, a managed CICS system no longer accepts input from this TCP/IP service definition. Output operations from transactions in a managed CICS system that use this TCP/IP service definition are allowed to complete.
DEREGISTER	This is obsolete from CICS TS Version 5 Release 2. Deregister a TCP/IP service definition.
DISCARD	Discard a TCP/IP service definition from the CICS system where it is installed.
IMMCLOSE	Requests a TCP/IP service definition to be closed immediately. When this action command is used, a managed CICS system no longer accepts input from this TCP/IP service definition. If a managed CICS system has transactions that are using the TCP/IP service definition, when this action command is used these transactions may be abnormally terminated.
OPEN	Open a TCP/IP service. When this action command is used, a managed CICS system will accept input from this TCP/IP service definition.
SET	Set attributes according new values specified in input fields.

Fields

Table 95. Fields in TCPIPS views

Field	Attribute name	Description
Attach-time security	ATTACHSEC	Indicates, for ECI over TCP/IP services, the level of attach-time security used by connections to CICS Clients: • LOCAL - CICS does not require a user ID or password from clients. • VERIFY - Incoming attach requests must specify a user identifier and a user password.

Table 95. Fields in TCPIPS views (continued)

Field	Attribute name	Description
Authentication level	AUTHENTICATE	The level of authentication used by this TCP/IP resource.
Queue backlog setting	BACKLOG	The setting for the maximum number of requests which can be queued in TCP/IP waiting to be processed. Input Values: 0 - 32767. If the value of BACKLOG is greater than the TCP/IP configuration value for SOMAXCONN, TCP/IP uses the value specified by the SOMAXCONN attribute.
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Number of bytes received across all sockets	BYTERCVD	The total number of bytes received across all sockets in this TCP/IP Service.
Number of bytes sent across all sockets	BYTESENT	The total number of bytes sent across all sockets in this TCP/IP Service.
Certificate	CERTIFICATE	The name of a certificate within the key ring file that is to be used in the SSL handshake for this TCP/IP service.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • SYSTEM - The resource was last changed by the CICS or CICSPlex SM system. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
SSL cipher suite codes	CIPHERS	A value specifying up to 28 cipher suites, in the form of hexadecimal pairs. From CICS Transaction Server 5.1 this field can alternatively specify the name of an XML file residing on zFS which contains a list of ciphers. An XML file can be up to 28 characters.
Timeout for socket close (seconds)	CLOSETIMEOUT	The period in seconds after which the managed CICS system will close the socket if no data is received. This value applies when the socket close parameter is TIMEOUT.
Current maximum backlog	CMAXBACKLOG	The maximum value currently being used as the backlog for the TCP/IP service over all stacks. This may be greater than the value specified using the TCP/IP service's BACKLOG attribute as TCP/IP may increase this if e.g. it thinks there is a SYN flood.
Number of connections	CONNECTIONS	The current number of socket connections associated with this service.
Time connection last dropped	CONNLASTDROP	The time that a connection was last rejected due to the TCP/IP service's backlog queue being full.
Connections dropped	CONNSDROPPED	The total number of connections dropped due to the TCP/IP service's backlog queue being full, summed over all appropriate stacks if the TCP/IP service is listening on multiple stacks.
Current backlog	CURRBACKLOG	The current number of connection requests in the backlog, summed over all appropriate stacks if the TCP/IP service is listening on multiple stacks.

Table 95. Fields in TCPIPS views (continued)

Field	Attribute name	Description
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
Times disconnected a persistent connection at task limit	DISCATTLIM	The number of times an existing persistent HTTP connection was closed because the number of tasks in the region has exceeded the limit.
Times disconnected an connection at max uses	DISCATUSELIM	The number of times a persistent HTTP connection was disconnected because its number of uses had exceeded the limit.
Domain name service (DNS) group	DNSGROUP	This is obsolete from CICS TS Version 5 Release 2. The DNS Group Name.
Domain name service (DNS) status	DNSSTATUS	This is obsolete from CICS TS Version 5 Release 2. The current state of WLM/DNS registration for this TCP/IP service: • NOTAPPLIC - This service is not using DNS connection optimization. No DNSGROUP attribute was specified when the resource was installed. • UNAVAILABLE - Registration is not supported by OS/390 • UNREGISTERED - Registration has not yet occurred (this is the initial state of any service). • REGISTERED - Registration has completed successfully. • REGERROR - Registration has failed with an error. • DEREGISTERED - Deregistration has completed successfully. • DEREGERROR - Deregistration has failed with an error.
Generic TCPIPService	GENERICTCPS	The name of the generic TCP/IP Service that this TCP/IP Service uses. When named, this TCPIPSERVICE is a specific TCP/IP Service.
GMT service open time	GMTSERVOPN	The Greenwich mean time at which this TCP/IP service was opened.
Critical domain name service (DNS) group member	GRPCRITICAL	This is obsolete from CICS TS Version 5 Release 2. Whether or not this TCP/IP service is a critical member of the DNS group: • CRITICAL - If this TCPIPSERVICE is closed, or abnormally stops listening for any reason, the group name specified in the DNSGROUP attribute is deregistered from WLM. • NONCRITICAL - If this TCPIPSERVICE is closed, or abnormally stops listening for any reason, the group name specified in the DNSGROUP attribute is not deregistered from WLM, unless this is the last service in a set with the same group name.
Server address to listen on	HOST	The host name or IP address of the server this TCPIPSERVICE should listen on for incoming requests, ANY or DEFAULT. The HOSTTYPE option gives the format of this value, as either a host name, an IPv4 address, an IPv6 address, ANY, DEFAULT or NOTAPPLIC. IPRESOLVED has the numerical IP address actually used.
The listening server's address format	HOSTTYPE	The format of the address in the HOST field that this service should listen on. • ANY - The ANY option has been specified for the server's address • DEFAULT - The DEFAULT option has been specified for the server's address • HOSTNAME - The server's address is a character host name. The IP address that corresponds to the host name is looked up in a domain name server • IPV4 - The server's address is an IPv4 address specified in dotted decimal address format • IPV6 - The server's address is an IPv6 address specified in colon hexadecimal address format • NOTAPPLIC - The server's host name or address is incorrect

Table 95. Fields in TCPIPS views (continued)

Field	Attribute name	Description
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • GRPLIST - The resource was installed by GRPLIST INSTALL. • BUNDLE - The resource was installed by a bundle deployment.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
IPv4 address of the service	IPADDRESS	The IPv4 dotted-decimal address of the server this TCPIPSERVICE is listening on, ANY, INADDR_ANY or DEFAULT.
Resolved IP address format	IPFAMILY	The format of this service's resolved IP address shown in IPRESOLVED. • IPV4 - IPRESOLVED contains an IPv4 address specified in dotted decimal address format. • IPV6 - IPRESOLVED contains an IPv6 address specified in colon hexadecimal address format. • UNKNOWN - IPRESOLVED is not yet in use, or the address cannot be resolved. This is the default when IPRESOLVED is 0.0.0.0
Resolved IP address	IPRESOLVED	The resolved IPv4 or IPv6 address this TCPIPSERVICE is listening on, or 0.0.0.0 if it is unavailable or unknown. If the address given in HOST is ANY or DEFAULT the resolved IP address is dynamically selected from the list of IP addresses associated with the IP stack that is in use by the application. This IP address changes depending on which socket is used and what server or current IP address is used for the listener. IPFAMILY gives the format of this IP address.
Maximum length of data that may be received	MAXDATALEN	The maximum length of data that may be received on this TCP/IP service.
Maximum persistent connections	MAXPERSIST	The maximum number of persistent connections the CICS will accept. The value is in the range 0-65535, or will have the standard null value of -1 if MAXPERSIST(NO) is specified on the MAXPERSIST definition.
TCP/IP service name	NAME	TCP/IP service name
Number of non-persisted connections	NONPERSIST	The number of non-persisted connections that have been made above the maxpersist limit.
Times a connection was made non-persistent because MAXPERSIST was reached	NPERSATMAXP	The number of times a new persistent connection was made non-persistent because MAXPERSIST was reached.
Times a connection made non-persistent at task limit	NPERSATTLIM	The number of times a new persistent HTTP connection was made non-persistent because the number of tasks in the region has exceeded the limit.
Number of SSL cipher suite codes	NUMCIPHERS	The count of cipher suite codes, which are specified as hexadecimal pairs. A value of 0 could indicate the use of an XML cipher file.

Table 95. Fields in TCPIPS views (continued)

Field	Attribute name	Description
TCP/IP service status	OPENSTATUS	The state of the TCP/IP service definition as follows: • OPEN - Input is accepted from this TCP/IP service definition. • OPENING - Input is not accepted from this TCP/IP service definition. The service is in the process of OPENING. • CLOSED - Input is not accepted from this TCP/IP service definition. • CLOSING - Input is not accepted from this TCP/IP service definition. The service is in the process of CLOSING. • IMMCLOSE - Input is not accepted from this TCP/IP service definition. If a managed CICS system has transactions that are using the TCP/IP service definition, these transactions may be abnormally terminated. • IMMCLOSING - Input is not accepted from this TCP/IP service definition. CICS internal sockets support is in the process of immediate termination.
Peak number of connections	PEAKCONNS	The peak number of socket connections in use across this TCP/IP Service.
Port number	PORT	The port number on which the managed CICS system is listening for incoming client requests.
Privacy for clients using this service	PRIVACY	This is obsolete from CICS TS Version 3 Release 1. Indicates the level of SSL encryption required for inbound connections to this service. • REQUIRED - Encryption must be used. • SUPPORTED - Encryption is used if both client and server support it. • NOTSUPPORTED - Encryption must not be used.
Protocol	PROTOCOL	The name of the protocol being used by this TCP/IP resource: • ECI - ECI over TCP/IP protocol. • HTTP - Hypertext Transfer protocol. • IIOP - This is obsolete from CICS TS Version 5 Release 1. Internet Inter-orb protocol. • IPIC - IP Interconnectivity protocol. • USER - User-defined protocol.
Basic authentication realm name	REALM	The realm that is provided when CICS requests basic authentication.
Number of receives across all sockets	RECEIVES	The total number of receives made across all sockets in this TCP/IP Service.
Requests	REQUESTS	The number of requests processed by the TCP/IP service.
Number of sends across all sockets	SENDS	The total number of sends made across all sockets in this TCP/IP Service.
Socket close action	SOCKETCLOSE	The action taken by the managed CICS system if no data is received from the socket. • WAIT - The managed CICS system waits and does not close the socket if no data is received. • TIMEOUT - The managed CICS system will close the socket if no data has been received after the period specified in the close timeout parameter.
Specific TCPIPService	SPECIFTCPS	The name of the specific TCP/IP Service that this TCP/IP Service uses. When named, this TCP/IP Service is a generic TCP/IP Service.
Secure sockets layer (SSL) type	SSLTYPE	Whether the service uses secure sockets layer. • NOSSL - The service does not use secure sockets layer. • SSL - Secure sockets layer is used by this service except for client authentication. • CLIENTAUTH - Secure sockets layer is used by this service including client authentication. • ATTLSAWARE - CICS expects AT-TLS to secure the client connections for this service. This may support client authentication.

Table 95. Fields in TCPIPS views (continued)

Field	Attribute name	Description
Local service open time	TIMEOPEN	The local time at which this TCP/IP service was opened.
Total connections	TOTALCONNS	The total number of connections made for the TCP/IP service.
Number of transactions attached	TRANATTACH	The total number of transactions attached via this TCP/IP Service.
CICS transaction ID	TRANSID	The identifier of the transaction which is attached to process requests received for this service.
TS queue prefix	TSQPREFIX	This parameter is no longer required or used in CICS Transaction Server for z/OS, Version 3 Release 2 and later releases.
User-replaceable module name	URM	The name of the user-replaceable module to be invoked by this service.

IP facilities - IPFACIL

The **IP facilities** (IPFACIL) views show the associations between active CICS tasks and the IP connections in use by those tasks.

Supplied views

To access from the main menu, click:

CICS operations views > TCP/IP service operations views > IP facilities

Table 96. Views in the supplied **IP facilities** *(IPFACIL) view set*

View	Notes
IP facilities EYUSTARTIPFACIL.DETAILED	Detailed information about a selected IP facility.
IP facilities EYUSTARTIPFACIL.TABULAR	Displays tabular information about IP facilities.

Actions

None.

Fields

Table 97. Fields in IPFACIL views

Field	Attribute name	Description
IP connection id	IPCONN	The IP connection name associated with the task.
IP facility type	IPFACILTYPE	The indicator of the type of IP facility in relation to its task. Values are: • PRINCIPAL This IP facility associates the main IP connection name to the owning task. • ALTERNATE This IP facility associates a secondary IP connection name to the owning task.
Associated task id	TASKID	The ID of the task associated with the IP facility.
IP facility token	TOKEN	The identifier token of the IP facility

DB2, DBCTL and WebSphere MQ operations views

The DB2, DBCTL and WebSphere MQ operations views show information about DB2 subsystems, DB2 threads within the current context and scope, DBCTL subsystems and status and usage of the WebSphere MQ connection.

Connections - DB2CONN

The **DB2 connections** (DB2CONN) views display information about DB2 connections defined to CICSPlex SM via DB2CDEF objects.

Supplied views

To access from the main menu, click:

CICS operations views > DB2, DBCTL and WebSphere MQ operations views > Connections

Table 98. Views in the supplied **DB2 connections** *(DB2CONN) view set*

View	Notes
DB2 connections EYUSTARTDB2CONN.CONNECT	Cause a connection to be established between the CICS/DB2 attachment facility and the DB2 subsystem.
DB2 connections EYUSTARTDB2CONN.DETAIL1	Detailed connection statistics information about a selected DB2 connection.
DB2 connections EYUSTARTDB2CONN.DETAIL4	Detailed information about the resource signature.
DB2 connections EYUSTARTDB2CONN.DETAILED	Detailed information about a selected DB2 connection.
DB2 connections EYUSTARTDB2CONN.DISCARD	Discard a DB2 connection from the CICS system where it is installed.
DB2 connections EYUSTARTDB2CONN.DISCONNECT	Cause disconnection of the CICS/DB2 attachment facility from the DB2 subsystem.
DB2 connections EYUSTARTDB2CONN.FORCE	Force DB2 connections to be immediately purged.
DB2 connections EYUSTARTDB2CONN.REBUILD	Force all existing threads to resignon at the next thread reuse.
DB2 connections EYUSTARTDB2CONN.SET	Display the Set view in order to change the attributes of a selected DB2 connection.
DB2 connections EYUSTARTDB2CONN.TABULAR	Tabular information about DB2 connections.

Actions

Table 99. Actions available for DB2CONN views

Action	Description
CONNECT	Cause a connection to be established between the CICS/DB2 attachment facility and the DB2 subsystem.
DISCARD	Discard a DB2 connection from the CICS system where it is installed.

Table 99. Actions available for DB2CONN views (continued)

Action	Description
DISCONNECT	Cause disconnection of the CICS/DB2 attachment facility from the DB2 subsystem.
FORCE	Force DB2 connections to be immediately purged.
REBUILD	Force all existing threads to resignon at the next thread reuse.
SET	Display the Set view in order to change the attributes of a selected DB2 connection.

Fields

Table 100. Fields in DB2CONN views

Field	Attribute name	Description
Accounting record option	ACCOUNTREC	This defines whether the CICS DB2 attachment will produce a DB2 accounting record per unit of work (UOW), transid, transaction or not at all for transactions using pool threads. • NONE - No accounting records to be cut. • TXID - The CICS attachment facility will cut an accounting record only when the transid using the thread changes. • TASK - The CICS attachment facility will cut a minimum of one accounting record per task. • UOW - The CICS attachment facility will cut an accounting record per unit of work (UOW) provided the thread has been released at syncpoint.
Pool thread authorization ID	AUTHID	This defines the user identifier to be used for security checking when using pool threads. If Pool thread authorization ID is specified then Pool thread authorization type is not applicable.
Pool thread authorization type	AUTHTYPE	This indicates the type of user identifier to be used for security checking when using pool threads. If Pool thread authorization type is specified, authorization ID is set to blanks. • GROUP - Eight character user ID and the connected group name are used as the authorization ID • SIGN - The sign ID parameter of db2conn is used as the authorization ID • TERM - The terminal identification is used as the authorization ID • TX - The transaction identification is used as the authorization ID • OPID - The user operator identification is used as the authorization ID • USERID - The eight character user ID associated with the CICS transaction is used as the authorization ID • NOTAPPLIC - Security checking is not applicable to this DB2 connection.
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Number of calls using command threads	CCALLS	This field indicates the number of DB2 commands issued using the DSNC transaction.

Table 100. Fields in DB2CONN views (continued)

Field	Attribute name	Description
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Command thread authorization ID	COMAUTHID	This defines the user identifier to be used for security checking when using command threads. If COMAUTHID is specified, COMAUTHTYPE is not applicable.
Command thread authorization type	COMAUTHTYPE	This indicates the type of user identifier to be used for security checking when using command threads. If COMAUTHTYPE is specified then COMAUTHID is set to blanks. • CGROUP - Eight character user ID and the connected group name are used as the authorization ID. • CSIGN - The sign ID parameter of DB2 connection is used as the authorization ID. • CTERM - The terminal identification is used as the authorization ID. • CTX - The transaction identification is used as the authorization ID. • COPID - The user operator identification is used as the authorization ID. • CUSERID - The eight character user ID associated with the CICS transaction is used as the authorization ID. • NOTAPPLIC - Security checking is not applicable to this DB2 connection.
Maximum number of command threads	COMTHREADLIM	The current maximum number of command threads the CICS DB2 attachment facility allows active before requests overflow to the pool.
Number of active command threads	COMTHREADS	This indicates the current number of active command threads.
Connection error processing option	CONNECTERROR	This specifies the way that the information, that CICS is not connected to DB2 because the attachment facility is in 'standby mode', is reported back to an application that has issued an SQL request: • ABEND - The application abends with abend code AEY9. • SQLCODE - The application receives a -923 sqlcode. SQLCODE cannot be specified if STANDBYMODE is set to NOCONNECT.
Connection status	CONNECTST	This indicates the status of the CICS DB2 connection: • CONNECTED - CICS is connected to DB2. • NOTCONNECTED - CICS is not connected to DB2. • CONNECTING - CICS is currently attempting to connect to DB2. • DISCONNING - CICS is currently disconnecting from DB2.
Number of command thread signons	CSIGNONS	This field indicates the number of DB2 signons performed for command threads.
Current number of command threads	CTCURR	This field indicates the current number of command threads for this DB2 entry.

Table 100. Fields in DB2CONN views (continued)

Field	Attribute name	Description
Peak number of command threads	CTHWM	This field indicates the peak number of active command threads.
GMT connect time	CTIMEGMT	This indicates the last connection time - with respect to GMT - at which this connection definition was connected.
Local connect time	CTIMELOC	This indicates the last connection time - with respect to local time - at which this connection definition was connected.
Maximum number of command threads	CTLIMIT	This field indicates the current maximum number of command threads the CICS DB2 attachment allows to be active before requests overflow into the pool.
Number of command thread overflows to pool	CTOVERF	This field indicates the number of times a DSNC DB2 command resulted in a pool thread being used because the number of active command threads exceeded the command thread limit.
Number of command thread terminations	CTTERM	This field indicates the number of terminate thread requests made to DB2 for command threads.
DB2 data sharing group ID	DB2GROUPID	This indicates the name of the DB2 data sharing group, or subgroup, to which CICS is connected or connecting. This can only be changed when the CICS-DB2 Attachment Facility is not active.
DB2 subsystem ID	DB2ID	This indicates the name of the DB2 subsystem to which CICS is connected or connecting. DB2 ID can only be changed when the CICS-DB2 Attachment Facility is not active. If you are using group attach and the CICS DB2 attachment is not connected and is not in the process of connecting, this field is blank.
DB2 version and release	DB2RELEASE	This indicates the version and release level of the DB2 subsystem to which CICS is connected. When CICS is not connected this field is set to blanks.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
Deadlock resolution rollback option	DROLLBACK	This field indicates whether or not the CICS DB2 attachment will initiate a syncpoint rollback in the event of transaction being selected as a victim of a deadlock resolution. • ROLLBACK - The attachment facility will issue a syncpoint rollback before returning control to the application. An SQL code of -911 will be returned to the application indicating the current uow has been rolled back. • NOROLLBACK - The attachment facility will NOT initiate a rollback for a transaction. An SQL code of -913 will be returned to the application indicating an unsuccessful execution caused by deadlock or timeout.
GMT disconnect time	DTIMEGMT	This indicates the last disconnection time - with respect to GMT - at which this connection definition was disconnected.
Local disconnect time	DTIMELOC	This indicates the last disconnection time - with respect to local time - at which this connection definition was disconnected.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • GRPLIST - The resource was installed by GRPLIST INSTALL.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Unsolicited error message TDQ name 1	MSGQUEUE1	This field indicates the name of the first transient data queue to which unsolicited messages from the CICS DB2 attachment facility are sent. This first transient data queue name cannot be blank.

Table 100. Fields in DB2CONN views (continued)

Field	Attribute name	Description
Unsolicited error message TDQ name 2	MSGQUEUE2	This field indicates the name of the second transient data queue to which unsolicited messages from the CICS DB2 attachment facility are sent.
Unsolicited error message TDQ name 3	MSGQUEUE3	This field indicates the name of the third transient data queue to which unsolicited messages from the CICS DB2 attachment facility are sent.
DB2 connection name	NAME	The name of the DB2 connection definition.
Non-terminal transaction thread-release option	NONTERMREL	This indicates whether or not a non-terminal transaction releases threads for reuse at intermediate syncpoints: • RELEASE - Non-terminal transactions release threads for reuse at intermediate syncpoints. • NORELEASE - Non-terminal transactions do not release threads for reuse at intermediate syncpoints.
Number of pool thread aborts	PABORTS	This field indicates the number of units of work using pool threads that were rolled back.
Number of calls using pool threads	PCALLS	This field indicates the number of SQL calls made using pool threads.
Number of pool thread commits	PCOMMITS	This field indicates the number of two phase commits performed for units of work using pool threads.
Name of plan used for pool	PLAN	This indicates the name of the plan to be used for the pool. If a plan name is specified then the PLANEXITNAME field is set to blank.
Name of dynamic plan exit used for pool threads	PLANEXITNAME	This indicates the name of the dynamic plan exit used for pool threads. If a planexit name is specified then the PLAN field is set to blank.
Number of pool thread partial signons	PPSIGNONS	This field indicates the number of DB2 partial signons performed for pool threads.
Number of times a pool thread reached REUSELIMIT	PREUSELIMCT	This field indicates the number of times a pool thread reached reuselimit and had to be terminated.
TCB priority	PRIORITY	This field indicates the priority of the pool thread TCBs relative to the CICS main task. • HIGH - The TCB will attain a higher priority than the CICS (QR TCB) • EQUAL - The TCB will have an equal priority to the CICS (QR TCB) • LOW - The TCB will have a lower priority to the CICS (QR TCB)
Current number of tasks waiting for pool thread	PRQCUR	This field indicates the current number of CICS tasks waiting for a pool thread to become available.
Peak number of tasks waiting for pool thread	PRQHWM	This field indicates the peak number of CICS tasks that waited for a pool thread to become available.
Number of pool thread signons	PSIGNONS	This field indicates the number of DB2 signons performed for pool threads.
Number of units of work with single phase commit	PSPHASE	This field indicates the number of units of work using pool threads that used single phase commit, either because they were read-only UOWs, or because DB2 was the only recoverable resource updated in the UOW.
Number of times threads created	PTCREATE	This field indicates the number of create thread requests made to DB2 for pool threads.
Current number of active pool threads	PTCURR	This field indicates the current number of protected threads for this DB2 entry.
Peak number of active pool threads	PTHWM	This field indicates the peak number of CICS tasks that have used a pool thread.
Maximum number of pool threads	PTLIMIT	This field indicates the current maximum number of pool threads allowed.

Table 100. Fields in DB2CONN views (continued)

Field	Attribute name	Description
Number of times transactions reused pool threads	PTREUSE	This field indicates the number of times CICS transactions using the pool were able to reuse an already created DB2 thread.
Number of times threads terminated	PTTERM	This field indicates the number of terminate thread requests made to DB2 for pool threads.
Number of pool thread waits	PTWAIT	This field indicates the number of times all available threads in the pool were busy and a transaction had to wait for a thread to become available.
Protected thread purge cycle (minutes)	PURGECYCLEM	This field defines the length in minutes of the protected thread purge cycle. The range is 0 - 59. A protected thread is not terminated immediately when it is released. It is terminated only after two completed purge cycles, if it has not been reused in the meantime. Hence if the purge cycle is set to 30 seconds after it is released, a protected thread is purged 30 - 60 seconds after it is released. An unprotected thread is terminated when it is released (at syncpoint or end of task) if there are no other transactions waiting for a thread on that DB2ENTRY.
Protected thread purge cycle (seconds)	PURGECYCLES	This field defines the length in seconds of the protected thread purge cycle. The range is 0 - 59. If PURGECYCLEM is zero then the minimum value for PURGECYCLES is 5 seconds. See PURGECYCLEM for more information.
Current number of tasks using a pool thread	PXCURR	This field indicates the current number of CICS tasks that are using a pool thread.
Peak number of tasks using a pool thread	PXHWM	This field indicates the peak number of active pool threads.
Total number of tasks that used a pool thread	PXTOTAL	This field indicates the total number of completed tasks that have used a pool thread.
Resynchronization member	RESYNCMEMBER	This applies only if you are using group attach, and specifies the strategy that CICS adopts if outstanding units of work are being held for the last DB2 data sharing group member to which CICS was connected. • RESYNC - CICS connects to the same DB2 data sharing group member. • NORESYNC - CICS makes one attempt to connect to the same DB2 data sharing group member, and if that attempt fails, CICS connects to any member of the DB2 data sharing group and issues a warning about the outstanding units of work. • NOTAPPLIC - DB2 group attach is not being used.
Thread reuse limit	REUSELIMIT	The maximum number of times a thread can be reused before it needs to be terminated.
Authorization ID used by CICS-DB2 attach	SIGNID	This field defines the authorization ID to be used by the CICS DB2 attachment facility when signing on to DB2 for pool and DB2ENTRY threads that specify AUTHTYPE(SIGN) and command threads specifying COMAUTHTYPE(CSIGN). The default is blanks which are replaced by the applid of the CICS system when the DB2CONN is installed. **Note:** If you specify a user ID on the SIGNID attribute, CICS performs a surrogate user check against the user ID performing the installation. Similarly, the CICS region user ID is subject to a surrogate user check during group list installation on CICS cold or initial start.

Table 100. Fields in DB2CONN views (continued)

Field	Attribute name	Description
Standby mode action	STANDBYMODE	This field indicates action to be taken by the CICS DB2 attachment if DB2 is not active when an attempt to start a connection is made. • NOCONNECT - The CICS DB2 attachment will terminate. • CONNECT - The CICS DB2 attachment will go into 'standby mode' and wait for DB2. • RECONNECT - The CICS DB2 attachment will go into 'standby mode' and wait for DB2. Having connected to DB2, if DB2 subsequently fails the CICS DB2 attachment reverts to standby mode again and subsequently reconnects to DB2 when it comes up again.
Attachment statistics TDQ name	STATSQUEUE	This indicates the name of the transient data queue to which statistics will be sent when the CICS DB2 attachment is shut down.
Current number of connections without a TCB	TCBFREE	This field indicates the current number of connections currently not associated with a TCB.
Maximum number of connections (TCBLIMIT)	TCBLIMIT	This field indicates the maximum number of connections (identified TCBs) that can be used to process DB2 requests.
Current number of tasks waiting for a connection	TCBRDYQCURR	This field indicates the current number of CICS tasks queued waiting for a DB2 connection to become available.
Peak number of tasks waiting for a connection	TCBRDYQHWM	This field indicates the peak number of CICS tasks queued waiting for a DB2 connection to become available.
Current number of connections with a TCB	TCBS	This field indicates the current number of TCBs used by the CICS-DB2 attachment facility.
Current number of subtask TCBs	TCURR	This field indicates the current number connections that are associated with a TCB.
Action following thread error	THREADERROR	This indicates the processing that is to occur following a create thread error: • ABEND - When the first SQL error is detected, CICS takes a transaction dump for abend code AD2S, AD2T, or AD2U, depending on the type of error. For the first error, the transaction does not abend. For a second or subsequent SQL error, the transaction abends with abend code AD2S, AD2T, or AD2U. The transaction must be terminated and reinitialized before it is allowed to issue another SQL request. • N906 - The DSNCSQL RMI associated with the transaction is not to be disabled. The transaction receives a -906 SQLCODE if another SQL request is issued, unless the transaction issues a SYNCPOINT ROLLBACK. SYNCPOINT without the ROLLBACK option results in a ASP3 or ASP7 abend. • N906D - A transaction dump is to be taken and the DSNCSQL RMI associated with the transaction is not to be disabled. The transaction receives -906 SQLCODE if another SQL is issued, unless the transaction issues SYNCPOINT ROLLBACK. SYNCPOINT without the ROLLBACK option results in an ASP3 or ASP7 abend. The transaction dump records an abend of AD2S, AD2T or AD2U.
Maximum number of pool threads	THREADLIMIT	This field indicates the current maximum number of pool threads that the CICS DB2 attachment facility allows to be active before requests are made to wait or are rejected (subject to the THREADWAIT attribute). The default THREADLIMIT (3) is also the minimum you can specify. The maximum value must not be greater than the value specified for TCBLIMIT.
Number of active pool threads	THREADS	This field indicates the current number of pool threads.

Table 100. Fields in DB2CONN views (continued)

Field	Attribute name	Description
Thread wait option	THREADWAIT	This field specifies whether or not transactions should wait for a pool thread, or be abended if the number of active pool threads reaches the thread limit. The CICS DB2 attachment issues a unique abend code AD3T, message DFHDB2011, when THREADWAIT=NO is coded and the number of pool threads is exceeded: • TWAIT - If all threads are busy a transaction must wait until one becomes available. A transaction can wait as long as CICS allows it to wait, generally until a thread becomes available. • NOTWAIT - If all threads are busy, the transaction is terminated with abend code AD3T.
Peak number of connections with a TCB	THWM	This field indicates the peak number of active threads for this DB2 entry
Current maximum number of connections into DB2	TLIMIT	This field indicates the maximum number of TCB subtasks that can be used by the CICS-DB2 attachment Facility.

Entries - DB2ENTRY

The **DB2 entries** (DB2ENTRY) views display information about entry threads used by the CICS DB2 attachment facility in active CICS systems being managed by CICSPlex SM.

Supplied views

To access from the main menu, click:

CICS operations views > DB2, DBCTL and WebSphere MQ operations views > Entries

Table 101. Views in the supplied **DB2 entries** *(DB2ENTRY) view set*

View	Notes
DB2 entries EYUSTARTDB2ENTRY.DETAIL1	Detailed entry statistics information about selected DB2 entries.
DB2 entries EYUSTARTDB2ENTRY.DETAIL2	Detailed information about the resource signature.
DB2 entries EYUSTARTDB2ENTRY.DETAILED	Detailed information about a selected DB2 entries.
DB2 entries EYUSTARTDB2ENTRY.DISABLE	Display the Disable view, which lets you specify how to handle a DB2 entry if it is still in use.
DB2 entries EYUSTARTDB2ENTRY.DISCARD	Discard a DB2 entry from the CICS system where it is installed. The DB2 entry must be disabled before the discard is allowed.
DB2 entries EYUSTARTDB2ENTRY.ENABLE	Enable a DB2 entry on the CICS system where it is installed.
DB2 entries EYUSTARTDB2ENTRY.SET	Set the attributes according to new values you specify in the overtype fields.
DB2 entries EYUSTARTDB2ENTRY.TABULAR	Tabular information about DB2 entries.

Actions

Table 102. Actions available for DB2ENTRY views

Action	Description
DISABLE	Display the Disable view, which lets you specify how to handle a DB2 entry if it is still in use.
DISCARD	Discard a DB2 entry from the CICS system where it is installed. The DB2 entry must be disabled before the discard is allowed.
ENABLE	Enable a DB2 entry on the CICS system where it is installed.
SET	Set the attributes according to new values you specify in the overtype fields.

Fields

Table 103. Fields in DB2ENTRY views

Field	Attribute name	Description
Number of aborts	ABORTS	This field indicates the number of units of work using this DB2 entry that were rolled back.
Accounting record option	ACCOUNTREC	This defines whether the CICS DB2 attachment will produce a DB2 accounting record per unit of work (UOW), transaction, transid or not at all for transactions using this DB2 entry. • UOW - The CICS DB2 attachment facility causes an accounting record to be produced by DB2 for each UOW, assuming that the thread is released at the end of the UOW. • TASK - The CICS DB2 attachment facility causes a minimum of one accounting record to be produced by DB2 for each CICS task. • TXID - The CICS DB2 attachment facility causes an accounting record to be produced by DB2 when the transid using the thread changes. • NONE - No accounting records are required for transactions using threads from this DB2 entry.
Thread authorization ID	AUTHID	This defines the user identifier to be used for security checking for threads on this DB2 entry. If Thread authorization ID is specified, then Authorization type is not applicable
Authorization type	AUTHTYPE	This indicates the type of user identifier to be used for security checking for threads on this DB2 entry. If Authorization type is specified then Thread authorization ID is set to blanks. • GROUP - Eight character ID and the connected group name are used as the authorization ID • SIGN - The SIGNID parameter of DB2 connection is used as the authorization ID • TERM - The terminal identification is used as the authorization ID • TX - The transaction identification is used as the authorization ID • OPID - The user operator identification is used as the authorization ID • USERID - The eight character user ID associated with the CICS transaction is used as the authorization ID
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Number of calls	CALLS	This field indicates the number of SQL calls made using this DB2 entry.

Table 103. Fields in DB2ENTRY views (continued)

Field	Attribute name	Description
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Number of commits	COMMITS	This field indicates the number of two phase commits performed for units of work using this DB2 entry.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
Disabled action	DISABLEDACT	This defines what CICS is to do with new transactions accessing DB2 entry when it has been disabled or is disabling. If this is not specified and DB2 entry is disabled, new requests are routed to the pool by default. • POOL - The CICS DB2 attachment facility routes the request to the pool. Message DFHDB2072 is sent to the transient data destination specified by MSGQUEUEn on the DB2CONN for each transaction routed to the pool. • ABEND - The CICS DB2 attachment facility abends the transaction.The abend code is AD26. • SQLCODE - An SQLCODE is returned to the application indicating that the DB2ENTRY is disabled.
Deadlock rollback option	DROLLBACK	This field indicates whether or not the CICS DB2 attachment will initiate a syncpoint rollback in the event of transaction being selected as a victim of a deadlock resolution. • ROLLBACK - The attachment facility will issue a syncpoint rollback before returning control to the application. An SQL code of -911 will be returned to the application indicating the current UOW has been rolled back. • NOROLLBACK - The attachment facility will NOT initiate a rollback for a transaction. An SQL code of -913 will be returned to the application indicating an unsuccessful execution caused by deadlock or timeout.
Enabled status	ENABLESTATUS	This indicates whether the DB2 entry can be accessed by application programs. • ENABLED - The DB2 entry can be accessed by applications. DB2 entry is installed in an enabled state. • DISABLED - The DB2 entry cannot be accessed by applications. • DISABLING - The DB2 entry is in the process of being disabled. New transactions cannot access the entry. However, existing transactions using the entry will be allowed to complete unless the DB2 entry is being disabled using the FORCE option.

Table 103. Fields in DB2ENTRY views (continued)

Field	Attribute name	Description
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • GRPLIST - The resource was installed by GRPLIST INSTALL.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
DB2 entry name	NAME	This is the name of the DB2 entry which defines the resources to be used by a specific transaction or by a group of transactions when accessing DB2.
Plan name	PLAN	This indicates the name of the plan to be used for this entry. If a plan name is specified then the Dynamic plan exit name field is set to blank.
Dynamic plan exit name	PLANEXITNAME	This indicates the name of the dynamic plan exit used for this entry. If a Dynamic plan exit name is specified then the Plan name field is set to blank.
TCB priority	PRIORITY	This field indicates the priority of the DB2 entry TCBs relative to the CICS main task. • HIGH - The TCB will attain a higher priority than the CICS (QR TCB) task. • EQUAL - The TCB will have an equal priority to the CICS (QR TCB) task. • LOW - The TCB will have a lower priority to the CICS (QR TCB) task.
Maximum number of protected threads	PROTECTNUM	This field indicates the current maximum number of protected threads allowed for this DB2 entry.
Number of partial signons	PSIGNONS	This field indicates the number of DB2 partial signons performed for this DB2 entry.
Current number of protected threads	PTCURR	This field indicates the current number of protected threads for this DB2 entry.
Number of protected threads	PTHREADS	This field indicates the current number of protected threads.
Peak number of protected threads	PTHWM	This field indicates the peak number of protected threads for this DB2 entry.
Maximum number of protected threads	PTLIM	This field indicates the current maximum number of protected threads allowed for this DB2 entry.
Number of times a DB2ENTRY thread reached REUSELIMIT	REUSELIMCT	This field indicates the number of times a DB2ENTRY thread reached reuselimit and had to be terminated.
Current number of tasks waiting for thread	RQCUR	This field indicates the current number of CICS tasks waiting for a thread to become available on this DB2 entry.
Peak number of tasks waiting for thread	RQHWM	This field indicates the peak number of CICS tasks that waited for a thread to become available on this DB2 entry.
Number of signons	SIGNONS	This field indicates the number of DB2 signons performed for this DB2 entry.
Number of UOWs with single phase commit	SPHASE	This field indicates the number of units of work using the DB2 entry that used single phase commit, either because they were read-only UOWs, or because DB2 was the only recoverable resource updated in the UOW.
Number of times threads created	TCREATE	This field indicates the number of create thread requests made to DB2 for threads of this DB2 entry.
Current number of threads	TCURR	This field indicates the current number of active threads for this DB2 entry.

Table 103. Fields in DB2ENTRY views (continued)

Field	Attribute name	Description
Maximum number of active threads	THREADLIMIT	This field indicates the current maximum number of pool threads the CICS DB2 attachment allows to be active before requests are made to wait, overflow to the pool, or are rejected.
Number of active threads	THREADS	This field indicates the current number of threads active for this DB2 entry.
Thread wait option	THREADWAIT	This field indicates whether or not transactions should wait for a pool thread or be abended if the number of active pool threads reaches the threadlimit number. • TWAIT - If all threads are busy, a transaction will wait until one becomes available. • NOTWAIT - If all threads are busy, a transaction will be terminated with abend code AD2P. • TPOOL - If all threads are busy a transaction will be diverted to use a pool thread. If the pool is also busy and NOTWAIT has been specified for the threadwait parameter on DB2 connection, the transaction is terminated with abend code AD3T.
Peak number of active threads	THWM	This field indicates the peak number of active threads for this DB2 entry
Maximum number of threads	TLIMIT	This field indicates the current maximum number of threads allowed for the DB2 entry.
Number of times threads reused	TREUSE	This field indicates the number of times CICS transactions using the DB2 entry were able to reuse an already created DB2 thread.
Number of times threads terminated	TTERM	This field indicates the number of terminate thread requests made to DB2 for threads of this DB2 entry.
Number of thread waits or overflows	TWORO	This field indicates the number of times all available threads in the DB2 entry were busy and a transaction had to wait for a thread to become available, or overflow to the pool and use a pool thread instead.
Current number of tasks	XCURR	This field indicates the current number of CICS tasks that are using this DB2 entry.
Peak number of tasks	XHWM	This field indicates the peak number of CICS tasks that have used this DB2 entry.
Total number of tasks	XTOTAL	This field indicates the total number of completed tasks that have used this DB2 entry.

Subsystems in a CICS region - DB2SS

The **DB2 subsystem in a CICS region** (DB2SS) view displays information about attachments between an active CICS system and a DB2 subsystem.

Supplied views

To access from the main menu, click:

CICS operations views > DB2, DBCTL and WebSphere MQ operations views > Subsystems in a CICS region

Table 104. Views in the supplied **DB2 subsystems in a CICS region** *(DB2SS) view set*

View	Notes
DB2 subsystems in a CICS region EYUSTARTDB2SS.DETAILED	Detailed information about a selected DBCTL subsystem.
DB2 subsystems in a CICS region EYUSTARTDB2SS.TABULAR	Tabular information about DBCTL subsystems.

Actions

None.

Fields

Table 105. Fields in DB2SS views

Field	Attribute name	Description
Number of current active tasks	CURTHREAD	The number of threads that are currently active between the CICS system and the DB2 subsystem.
First error destination	ERRDEST1	The first CICS transient data destination to receive unsolicited messages.
Second error destination	ERRDEST2	The second CICS transient data destination to receive unsolicited messages.
Third error destination	ERRDEST3	The third CICS transient data destination to receive unsolicited messages.
MVS system ID	LOCATION	The system ID of the MVS system where this DB2 subsystem resides.
Maximum number of threads	MAXTHREAD	The maximum number of threads that could be created between the CICS system and the DB2 subsystem. This includes command threads, pool threads and entry threads.
DB2 ID	NAME	The name of the DB2 subsystem.
Plan allocation entry trace ID	PLANENTRTRC	Entry trace ID of the DB2 dynamic plan exit used for this subsystem
Plan allocation exit trace ID	PLANEXITTRC	Exit trace ID of the DB2 dynamic plan exit used for this DB2 subsystem
DB2 connection name	RCTNAME	The 8 character DB2 connection name.
DB2 subsystem release level	RELEASE	The release of the DB2 subsystem.
Snap dump output class	SNAPCLASS	The SYSOUT class of the snap dump
SQL trace ID	SQLTRCID	ID of the SQL trace
Transient data destination for CICS DB2 statistics	STATSDEST	The transient data destination used for the collection of CICS DB2 statistics
DB2 CICS attachment status	STATUS	The status of the DB2 subsystem, as one of the following: • ACTIVE - The subsystem is either processing or available for work. • INACTIVE - The subsystem is not available for work. • QUIESCING - The subsystem is being shutdown. • WAITING - The subsystem is not fully initialized. • CONNECTING - CICS is currently attempting to connect to the subsystem. • DISCONNING - CICS is currently disconnecting from the subsystem.
Wait for DB2 subsystem option	WAIT	Wait for the DB2 subsystem to become available.

Threads in a CICS region - DB2THRD

The **DB2 thread in a CICS region** (DB2THRD) views display information about all of the threads defined in the DB2 DSNCRCT table. The threads are listed by initial transaction ID. When a thread is shared by multiple DB2 transactions, the view shows the names of the sharing transactions. It is associated with the DB2THRD resource.

Supplied views

To access from the main menu, click:

CICS operations views > DB2, DBCTL and WebSphere MQ operations views > Threads in a CICS region

Table 106. Views in the supplied **DB2 threads in a CICS region** *(DB2THRD) view set*

View	Notes
DB2 threads in a CICS region EYUSTARTDB2THRD.DETAILED	Detailed information about a selected DB2 thread.
DB2 threads in a CICS region EYUSTARTDB2THRD.TABULAR	Tabular information about DB2 threads.

Actions

None.

Fields

Table 107. Fields in DB2THRD views

Field	Attribute name	Description
Number of aborts	ABORTCNT	The number of units of recovery, including both abends and sync point rollbacks, that were rolled back. This count is incremented only when CICS calls DB2 with an abort call during commit processing; other types of DB2 aborts are not counted.
Number of authorizations performed	AUTHCNT	The number of authorization checks that have been performed for this DSNCRCT entry
Authorization type	AUTHTYPE	The type of authorization for this transaction, as defined by the first AUTH= subparameter of the DSNCRCT entry: • CHARSTR - Specific character string • NA - Authorization cannot be determined • NULL - No RACF group available for specified USERID. • RACFGID - RACF user-ID and group name • SIGNID - CICS system authorization ID • TERMID - Terminal ID • TRANID - Transaction ID • USER - User operator ID (3-character) • USERID - Sign-on user ID (8-character)
Number of current threads	CURTHREADS	The number of threads currently active for this DSNCRCT entry
Dispatching mode	DPMODE	The dispatching priority for connection subtasks relative to CICS, as specified on the DPMODE= or DPMODI= parameter of the DSNCRCT entry: • EQ - Subtasks must be allowed to have equal priority with CICS. • HIGH - Subtasks can have a higher priority than CICS. • LOW - Subtasks will have a lower priority than CICS.
Initial transaction	INITTRAN	Identifies the first transaction in the thread, as specified on the TXID= parameter of the DSNCRCT entry. The value shown here depends upon which TYPE= statement was used: • CMD - TYPE=COMD • POL - TYPE=POOL • tranid - TYPE=ENTRY • DB2THRDD (from DB2THRD) • DB2TRAN (from DB2THRDD)
Maximum number of threads	MAXTHREADS	The maximum number of active threads for this DSNCRCT entry, as specified on the THRDM= parameter
DB2 subsystem	NAME	The name of the DB2 subsystem to which this thread belongs.
Number of transactions in group	OTHERIDS	The number of other transactions specified on the TXID= parameter of the DSNCRCT entry.

Table 107. Fields in DB2THRD views (continued)

Field	Attribute name	Description
Plan	PLANNAME	The name of the application plan associated with this transaction, as specified on the PLAN= parameter of the DSNCRCT entry. If this field is blank, no plan name was specified. A value of '********' means plan name does not apply because the PLNEXIT=YES parameter was specified
Dynamic plan exit for pool threads	PLANPRGM	The name of the exit program for this transaction, as specified on the PLANPGME= parameter of the DSNCRCT entry. If this field is blank, no exit program name was specified.
Number of read-only commits	READCOMMIT	The number of read-only commits processed for transactions associated with this thread
Rollback option	ROLLBACKOPT	The rollback option for this transaction, as specified on the ROLBE= or ROLBI= parameter of the DSNCRCT entry: • YES - A sync point rollback is issued before returning control to the application. • NO - No rollback is issued.
Number of reserved threads	RSVTHREADS	The number of started thread subtasks for this DSNCRCT entry, as specified on the THRDS= parameter
Peak number of concurrent threads in use	THREADHWM	The maximum number of threads the attachment facility allows to be connected for this DSNCRCT entry, as specified on the THRDA= parameter
Number of thread waits	THREADWAIT	The number of times this transaction has had to wait for a thread
Thread wait option	THREADWOPT	The thread wait option for this DSNCRCT entry, as specified on the TWAIT= or TWAITI= parameter. This value indicates how the transaction will respond when all threads are busy: • YES or TWAIT - If all threads are busy, a transaction will wait until one becomes available. • NO or NOTWAIT - If all threads are busy, a transaction will be terminated with an abend. • POOL - Specifies that, if all threads are busy, a transaction must be diverted to use the pool of threads. If the pool is also busy, and NO has been specified for the TWAIT or TWAITI parameter on the TYPE=POOL form of the macro, a transaction is terminated with an abend. • NA - Thread wait option cannot be determined.
Number of times plan used	USECOUNT	The number of times the specified plan has been used

Thread associated transactions - DB2TRAN

The **DB2 thread associated transactions** (DB2TRAN) views display information about the transaction IDs associated with each DB2 thread.

Supplied views

To access from the main menu, click:

CICS operations views > DB2, DBCTL and WebSphere MQ operations views > Thread associated transactions

Table 108. Views in the supplied **DB2 thread associated transactions** *(DB2TRAN) view set*

View	Notes
DB2 thread associated transactions EYUSTARTDB2TRAN.DETAILED	Detailed view information about a selected DB2 transaction
DB2 thread associated transactions EYUSTARTDB2TRAN.TABULAR	Tabular information about DB2 transactions associated with DB2 threads.

Actions

None.

Fields

Table 109. Fields in DB2TRAN views

Field	Attribute name	Description
Initial transaction	INITTRAN	Identifies the first transaction in the thread, as specified on the TXID= parameter of the DSNCRCT macro.
Associated transaction ID	NAME	Identifies another transaction that is associated with the initial transaction, as specified on the TXID= parameter of the DSNCRCT macro.

Entry associated transactions - DB2TRN

The **DB2 entry associated transactions** (DB2TRN) views display information about the transactions associated with each DB2 entry.

Supplied views

To access from the main menu, click:

CICS operations views > DB2, DBCTL and WebSphere MQ operations views > Entry associated transactions

Table 110. Views in the supplied **DB2 entry associated transactions** *(DB2TRN) view set*

View	Notes
DB2 entry associated transactions EYUSTARTDB2TRN.DETAIL1	Detailed information about the resource signature.
DB2 entry associated transactions EYUSTARTDB2TRN.DETAILED	Detailed view information about a selected DB2 transaction
DB2 entry associated transactions EYUSTARTDB2TRN.DISCARD	Discard the association between a DB2 transaction and a DB2 entry.
DB2 entry associated transactions EYUSTARTDB2TRN.TABULAR	Tabular information about DB2 transactions associated with DB2 entries.

Actions

Table 111. Actions available for DB2TRN views

Action	Description
DISCARD	Discard the association between a DB2 transaction and a DB2 entry.
SET	Sets an attribute according to the new value you specify in an overtype field.

Fields

Table 112. Fields in DB2TRN views

Field	Attribute name	Description
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.

Table 112. Fields in DB2TRN views (continued)

Field	Attribute name	Description
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • DYNAMIC - The resource was last changed dynamically. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
DB2 entry name for DB2TRN	DB2ENTRY	This is the name of the DB2 entry to which this DB2TRN refers.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • DYNAMIC - The resource was installed dynamically. • GRPLIST - The resource was installed by GRPLIST INSTALL.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
DB2 transaction name	NAME	This is name by which the transaction is known within the CICS system.
Plan name	PLAN	Identifies the DB2 plan name
Plan exit name	PLANEXITNAME	Identifies the DB2 plan exit name
Transaction ID associated with DB2 entry	TRANSID	This specifies the transaction to be associated with the DB2 entry. The transaction name can be wildcarded.

DBCTL subsystem - DBCTLSS

The **DBCTL subsystems** (DBCTLSS) views display information about connections between active CICS systems and DBCTL subsystems.

Supplied views

To access from the main menu, click:

CICS operations views > DB2, DBCTL and WebSphere MQ operations views > DBCTL subsystem

Table 113. Views in the supplied **DBCTL subsystem in use** *(DBCTLSS) view set*

View	Notes
DBCTL subsystem in use EYUSTARTDBCTLSS.DETAILED	Detailed information about a selected DBCTL subsystem.
DBCTL subsystem in use EYUSTARTDBCTLSS.TABULAR	Tabular information about DBCTL subsystems.

Actions

None.

Fields

Table 114. Fields in DBCTLSS views

Field	Attribute name	Description
CICS system name used to attach	CICSNAME	The name of the CICS system connected to the DBCTL subsystem.
DBCTL ID override	DBCTLOVERIDE	The DBCTL override identifier. If no identifier is specified, the DRA uses the DBCTL identifier specified on the DBCTLID parameter in the DRA startup table.
MVS system ID	LOCATION	The system ID of the MVS system where this DBCTL subsystem resides.
Number of times maximum threads reached	MAXTHRDCNT	The number of times that the number of active threads between CICS and DBCTL has reached the maximum value.
Elapsed time at maximum threads condition	MAXTHRDTIME	The elapsed time for which the CICS-DBCTL session is running at the maximum thread value.
Maximum number of threads	MAXTHREAD	The maximum number of threads specified in the database resource adapter (DRA) startup parameter table.
Number of times minimum threads reached	MINTHRDCNT	The number of times that the number of active threads between CICS and DBCTL has been reduced to the minimum.
Minimum number of threads	MINTHREAD	The minimum number of threads specified in the database resource adapter (DRA) startup parameter table.
DBCTL subsystem name	NAME	The name of the DBCTL subsystem.
Peak number of threads in use	PEAKTHREADS	The highest number of threads between DBCTL and CICS at any given time.
Fully qualified startup table name	PRPNAME	The fully qualified name of the database resource adapter (DRA) startup table.
Number of times PSB successfully scheduled	PSBSCHED	The number of times the CICS-DBCTL session successfully scheduled a program specification block (PSB).
Recoverable Service Element (RSE) name	RSENAME	The name of the DBCTL Recoverable Service Element (RSE).
DBCTL CICS attachment status	STATUS	The status of the connection to DBCTL, as one of the following: • ACTIVE - CICS is connected to DBCTL. • INACTIVE - CICS is not connected to DBCTL. • WAITING - The connection between CICS and DBCTL is not yet complete.
Time at which disconnect occurred	TIMEOFF	The GMT time of the last disconnect of the DBCTL subsystem.
Time at which connect occurred	TIMEON	The GMT time that the connection was first made to the DBCTL subsystem.

WebSphere MQ connection statistics - MQCONN

The **Websphere MQ connection statistics** (MQCONN) views display status information and statistics for the WebSphere MQ connection for a CICS region.

Supplied views

To access from the main menu, click:

CICS operations views > DB2, DBCTL and WebSphere MQ operations views > WebSphere MQ connection statistics

Table 115. Views in the supplied **WebSphere MQ connection statistics** *(MQCONN) view set*

View	Notes
WebSphere MQ connection statistics EYUSTARTMQCONN.DETAIL1	Statistics for WebSphere MQ API calls, by individual command.
WebSphere MQ connection statistics EYUSTARTMQCONN.DETAIL2	Statistics for indoubt, unresolved, committed and backed out units of work.
WebSphere MQ connection statistics EYUSTARTMQCONN.DETAIL3	Statistics for all WebSphere MQ API calls made using the connection.
WebSphere MQ connection statistics EYUSTARTMQCONN.DETAILED	Overview information about the WebSphere MQ connection statistics for the selected CICS region.
WebSphere MQ connection statistics EYUSTARTMQCONN.TABULAR	Tabular information about WebSphere MQ connection statistics for CICS regions.

Actions

None.

Fields

Table 116. Fields in MQCONN views

Field	Attribute name	Description
MQ connection name	MQCONNECT	The name of the CICS-MQ connection definition.
MQ connection status	MQGCONNSTAT	Indicates the status of the connection between this CICS system and WebSphere MQ: • CONNECTED - CICS is connected to WebSphere MQ. • NOTCONNECTED - CICS is not connected to WebSphere MQ.
Number of indoubt units of work	MQGINDBTUOW	The total number of UOWs that were indoubt at startup of the WebSphere MQ adapter.
Initiation queue name	MQGINITQ	The name of the default WebSphere MQ initiation queue.
MQ Release	MQGMQRELEASE	The release of the WebSphere MQ queue manager.
MQ queue manager name	MQGQMGRNAME	The name of the WebSphere MQ queue manager.
Number of resolved backout units of work	MQGRESBACUW	The number of UOWs that were indoubt at startup of the WebSphere MQ adapter, and were resolved by a backout.
Number of resolved committed units of work	MQGRESCOMUW	The number of UOWs that were indoubt at startup of the WebSphere MQ adapter, and were resolved by a commit.
Number of two phase commit operations	MQGT2PCOMM	The total number of two phase commits for UOWs on the connection.
Number of MQ API calls since MQ connected	MQGTAPI	The total number of WebSphere MQ API calls that have been made since CICS connected to WebSphere MQ.

Table 116. Fields in MQCONN views (continued)

Field	Attribute name	Description
Number of MQ API calls completed successfully	MQGTAPIOK	The total number of WebSphere MQ API calls that completed successfully.
Number of backout units of work	MQGTBACKUOW	The total number of UOWs on the connection which were resolved by a backout.
Number of MQBUFMH requests	MQGTBUFMH	The total number of times the MQBUFMH command was issued.
Number of internal MQ calls	MQGTCALL	The total number of internal calls to WebSphere MQ on the connection.
Number of MQ calls that needed I/O	MQGTCALLIO	The total number of WebSphere MQ API calls that required I/O to complete.
Number of MQ calls that completed synchronously	MQGTCALLSYNC	The total number of WebSphere MQ API calls that completed synchronously.
Number of MQCB requests	MQGTCB	The total number of times the MQCB command was issued.
Number of MQCLOSE requests	MQGTCLOSE	The total number of times the MQCLOSE command was issued.
Number of committed units of work	MQGTCOMMUOW	The total number of UOWs on the connection which were resolved by a commit.
Number of messages consumed	MQGTCONSUME	The total number of messages passed to callback routines.
Number of MQCRTMH requests	MQGTCRTMH	The total number of times the MQCRTMH command was issued.
Number of MQCTL requests	MQGTCTL	The total number of times the MQCTL command was issued.
Number of MQDLTMH requests	MQGTDLTMH	The total number of times the MQDLTMH command was issued.
Number of MQDLTMP requests	MQGTDLTMP	The total number of times the MQDLTMP command was issued.
Number of MQ API calls when MQ was not connected	MQGTFUTATT	The total number of WebSphere MQ API calls that were made when the connection status was 'NOTCONNECTED' (that is, futile attempts). When CICS connects to WebSphere MQ, this number is reset to zero.
Number of MQGET requests	MQGTGET	The total number of times the MQGET command was issued.
Number of MQGET with wait requests	MQGTGETWAIT	The total number of times the MQGET command was issued with the MQGMO_WAIT option.
Number of MQINQ requests	MQGTINQ	The total number of times the MQINQ command was issued.
Number of MQINQMP requests	MQGTINQMP	The total number of times the MQINQMP command was issued.
Number of MQMHBUF requests	MQGTMHBUF	The total number of times the MQMHBUF command was issued.
Number of MQOPEN requests	MQGTOPEN	The total number of times the MQOPEN command was issued.
Number of MQPUT requests	MQGTPUT	The total number of times the MQPUT command was issued.
Number of MQPUT1 requests	MQGTPUT1	The total number of times the MQPUT1 command was issued.
Number of MQSET requests	MQGTSET	The total number of times the MQSET command was issued.
Number of MQSETMP requests	MQGTSETMP	The total number of times the MQSETMP command was issued.
Number of single phase commit operations	MQGTSPCOMM	The total number of single phase commits for UOWs on the connection.
Number of MQSTAT requests	MQGTSTAT	The total number of times the MQSTAT command was issued.
Number of MQSUB requests	MQGTSUB	The total number of times the MQSUB command was issued.
Number of MQSUBRQ requests	MQGTSUBRQ	The total number of times the MQSUBRQ command was issued.

Table 116. Fields in MQCONN views (continued)

Field	Attribute name	Description
Number of MQ calls that had a TCB switch	MQGTSUBTASK	The total number of WebSphere MQ API calls that involved a TCB switch.
Number of tasks	MQGTTASKEND	The total number of tasks on the connection.
Number of current tasks	MQGTTASKS	The number of current tasks that have issued a WebSphere MQ call.
Number of MQGET with wait requests that waited	MQGTWAITMSG	The total number of times the MQGET command was issued with the MQGMO_WAIT option, and the request waited.
Number of unresolved units of work	MQGUNRESUOW	The number of UOWs that were indoubt at startup of the WebSphere MQ adapter, and could not be resolved because the CICS system was cold started.

WebSphere MQ connections - MQCON

The **WebSphere MQ connection** (MQCON) views display status information and statistics for the WebSphere MQ connection for a CICS region.

Supplied views

To access from the main menu, click:

CICS operations views > DB2, DBCTL and WebSphere MQ operations views > WebSphere MQ connections

Table 117. Views in the supplied **WebSphere MQ connection** *(MQCON) view set*

View	Notes
WebSphere MQ connection EYUSTARTMQCON.CONNECT	Connect this CICS system to WebSphere MQ. If the requested Websphere MQ queue manager is not active, state will be set to connecting and the connection will complete when WebSphere MQ becomes active.
WebSphere MQ connection EYUSTARTMQCON.DETAIL1	Statistics for WebSphere MQ API calls, by individual command.
WebSphere MQ connection EYUSTARTMQCON.DETAIL2	Statistics for indoubt, unresolved, committed and backed out units of work.
WebSphere MQ connection EYUSTARTMQCON.DETAIL3	Statistics for all WebSphere MQ API calls made using the connection.
WebSphere MQ connection EYUSTARTMQCON.DETAIL4	Resource signature information about a selected MQ connection.
WebSphere MQ connection EYUSTARTMQCON.DETAILED	Overview information about the WebSphere MQ connection for the selected CICS region.
WebSphere MQ connection EYUSTARTMQCON.DISCARD	Removes this MQCONN. The MQCONN must be set to NOTCONNECTED before it can be discarded.
WebSphere MQ connection EYUSTARTMQCON.DISCONNECT	Disconnect this CICS system from WebSphere MQ. Use the BUSY parameter to determine whether to wait for disconnect to complete (WAIT), return control after initiating a quiesce (NOWAIT) or force purge transactions currently using WMQ (FORCE)
WebSphere MQ connection EYUSTARTMQCON.SET	Set attributes according to values specified in input fields

Table 117. Views in the supplied **WebSphere MQ connection** *(MQCON) view set (continued)*

View	Notes
WebSphere MQ connection EYUSTARTMQCON.TABULAR	Tabular information about WebSphere MQ connections for CICS regions.

Actions

Table 118. Actions available for MQCON views

Action	Description
CONNECT	Connect this CICS system to WebSphere MQ. If the requested Websphere MQ queue manager is not active, state will be set to connecting and the connection will complete when WebSphere MQ becomes active.
DISCARD	Removes this MQCONN. The MQCONN must be set to NOTCONNECTED before it can be discarded.
DISCONNECT	Disconnect this CICS system from WebSphere MQ. Use the BUSY parameter to determine whether to wait for disconnect to complete (WAIT), return control after initiating a quiesce (NOWAIT) or force purge transactions currently using WMQ (FORCE)
SET	Set attributes according to values specified in input fields

Fields

Table 119. Fields in MQCON views

Field	Attribute name	Description
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Connection status	CONNECTST	CONNECTST returns the status of the CICS MQ connection. CVDA values are: • CONNECTED - CICS is connected to WebSphere MQ. • NOTCONNECTED - CICS is not connected to WebSphere MQ. • CONNECTING - CICS is currently attempting to connect to WebSphere MQ. • DISCONNING - CICS is currently disconnecting from WebSphere MQ.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.

Table 119. Fields in MQCON views (continued)

Field	Attribute name	Description
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • GRPLIST - The resource was installed by GRPLIST INSTALL.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
GMT connection time	MQGGMTCONN	The GMT date and time when CICS connected to WebSphere MQ.
GMT disconnect time	MQGGMTDISC	The GMT date and time when CICS disconnected from WebSphere MQ.
Number of indoubt units of work	MQGINDBTUOW	The total number of UOWs that were indoubt at startup of the WebSphere MQ adapter.
Initiation queue name	MQGINITQ	The name of the default WebSphere MQ initiation queue.
Local connection time	MQGLOCCONN	The local date and time when CICS connected to WebSphere MQ.
Local disconnect time	MQGLOCDISC	The local date and time when CICS disconnected from WebSphere MQ.
Number of resolved backout units of work	MQGRESBACUW	The number of UOWs that were indoubt at startup of the WebSphere MQ adapter, and were resolved by a backout.
Number of resolved committed units of work	MQGRESCOMUW	The number of UOWs that were indoubt at startup of the WebSphere MQ adapter, and were resolved by a commit.
Number of two phase commit operations	MQGT2PCOMM	The total number of two phase commits for UOWs on the connection.
Number of WebSphere MQ API calls since WebSphere MQ connected	MQGTAPI	The total number of WebSphere MQ API calls that have been made since CICS connected to WebSphere MQ.
Number of WebSphere MQ API calls completed successfully	MQGTAPIOK	The total number of WebSphere MQ API calls that completed successfully.
Number of backout units of work	MQGTBACKUOW	The total number of UOWs on the connection which were resolved by a backout.
Number of MQBUFMH requests	MQGTBUFMH	The total number of times the MQBUFMH command was issued.
Number of internal WebSphere MQ calls	MQGTCALL	The total number of internal calls to WebSphere MQ on the connection.
Number of WebSphere MQ calls that needed I/O	MQGTCALLIO	The total number of WebSphere MQ API calls that required I/O to complete.
Number of WebSphere MQ calls that completed synchronously	MQGTCALLSYNC	The total number of WebSphere MQ API calls that completed synchronously.
Number of MQCB requests	MQGTCB	The total number of times the MQCB command was issued.
Number of MQCLOSE requests	MQGTCLOSE	The total number of times the MQCLOSE command was issued.
Number of committed units of work	MQGTCOMMUOW	The total number of UOWs on the connection which were resolved by a commit.
Number of messages consumed	MQGTCONSUME	The total number of messages passed to callback routines.
Number of MQCRTMH requests	MQGTCRTMH	The total number of times the MQCRTMH command was issued.
Number of MQCTL requests	MQGTCTL	The total number of times the MQCTL command was issued.
Number of MQDLTMH requests	MQGTDLTMH	The total number of times the MQDLTMH command was issued.

Table 119. Fields in MQCON views (continued)

Field	Attribute name	Description
Number of MQDLTMP requests	MQGTDLTMP	The total number of times the MQDLTMP command was issued.
Number of WebSphere MQ API calls when WebSphere MQ was not connected	MQGTFUTATT	The total number of WebSphere MQ API calls that were made when the connection status was 'NOTCONNECTED' (that is, futile attempts). When CICS connects to WebSphere MQ, this number is reset to zero.
Number of MQGET requests	MQGTGET	The total number of times the MQGET command was issued.
Number of MQGET with wait requests	MQGTGETWAIT	The total number of times the MQGET command was issued with the MQGMO_WAIT option.
Number of MQINQ requests	MQGTINQ	The total number of times the MQINQ command was issued.
Number of MQINQMP requests	MQGTINQMP	The total number of times the MQINQMP command was issued.
Number of MQMHBUF requests	MQGTMHBUF	The total number of times the MQMHBUF command was issued.
Number of MQOPEN requests	MQGTOPEN	The total number of times the MQOPEN command was issued.
Number of MQPUT requests	MQGTPUT	The total number of times the MQPUT command was issued.
Number of MQPUT1 requests	MQGTPUT1	The total number of times the MQPUT1 command was issued.
Number of MQSET requests	MQGTSET	The total number of times the MQSET command was issued.
Number of MQSETMP requests	MQGTSETMP	The total number of times the MQSETMP command was issued.
Number of single phase commit operations	MQGTSPCOMM	The total number of single phase commits for UOWs on the connection.
Number of MQSTAT requests	MQGTSTAT	The total number of times the MQSTAT command was issued.
Number of MQSUB requests	MQGTSUB	The total number of times the MQSUB command was issued.
Number of MQSUBRQ requests	MQGTSUBRQ	The total number of times the MQSUBRQ command was issued.
Number of WebSphere MQ calls that had a TCB switch	MQGTSUBTASK	The total number of WebSphere MQ API calls that involved a TCB switch.
Number of completed tasks	MQGTTASKEND	The total number of tasks on the connection.
Number of MQGET with wait requests that waited	MQGTWAITMSG	The total number of times the MQGET command was issued with the MQGMO_WAIT option, and the request waited.
Number of unresolved units of work	MQGUNRESUOW	The number of UOWs that were indoubt at startup of the WebSphere MQ adapter, and could not be resolved because the CICS system was subject to a cold start.
WebSphere MQ queue manager or QSG name	MQNAME	The name of the WebSphere MQ queue manager or queue sharing group.
Connected Queue Manager name	MQQMGR	The name of the connected WebSphere MQ queue manager.
WebSphere MQ Release	MQRELEASE	The release of the WebSphere MQ queue manager.
WebSphere MQ connection name	NAME	WebSphere MQ connection name

Table 119. Fields in MQCON views (continued)

Field	Attribute name	Description
Resynchronization member	RESYNCMEMBER	This applies only if you are using group attach, and specifies the strategy that CICS adopts if outstanding units of work are being held for the last WebSphere MQ queue sharing group (QSG) member to which CICS was connected. Units of work which are shunted indoubt are not included in this process, because CICS is unable to resolve those units of work at this time. Resynchronization for those UOWs will occur when CICS has resynchronized with its remote coordinator. CVDA values are: • RESYNC - CICS connects to the same WebSphere MQ QSG member. • NORESYNC - CICS makes one attempt to connect to the same WebSphere MQ QSG member, and if that attempt fails, CICS connects to any member of the WebSphere MQ QSG and issues a warning about the outstanding units of work. • GROUPRESYNC - CICS connects to any member of the queue-sharing group. The queue-manager will be chosen by WebSphere MQ and it will ask CICS to resolve indoubt units of work on behalf of all eligible queue managers in the queue-sharing group. This function is called Group unit of recovery (group UR). This option can only be used when running a release of WebSphere MQ that supports group UR for CICS and when group UR has been enabled in the queue managers. • NOTAPPLIC - Connection is not using group attach.
Number of current tasks	TASKS	The number of current tasks that have issued a WebSphere MQ call. This includes CICS MQMonitor tasks.
Number of current CICS MQMonitor tasks	TRIGMONTASKS	The number of CICS MQMonitor tasks currently using the CICS-MQ interface.

WebSphere MQ initiation queue - MQINI

The **Websphere MQ initiation queue** (MQINI) views display status information and statistics for the WebSphere MQ connection for a CICS region.

Supplied views

To access from the main menu, click:

CICS operations views > DB2, DBCTL and WebSphere MQ operations views > WebSphere MQ initiation queue

Table 120. Views in the supplied **WebSphere MQ initiation queue** *(MQINI) view set*

View	Notes
WebSphere MQ initiation queue EYUSTARTMQINI.DETAILED	Overview information about the WebSphere MQ initiation queue.
WebSphere MQ initiation queue EYUSTARTMQINI.TABULAR	Tabular information about the WebSphere MQ initiation queue for CICS regions.

Actions

None.

Fields

Table 121. Fields in MQINI views

Field	Attribute name	Description
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • AUTOINSTALL - The resource was last autoinstalled. • DYNAMIC - The resource was last changed as a result of the installation of a MQCONN with INITQNAME specified.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
MQ initiation queue name	INITQNAME	The name of the WebSphere MQ initiation queue.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • AUTOINSTALL - The resource was autoinstalled. • DYNAMIC - The resource was installed as a result of the installation of a MQCONN with INITQNAME specified.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
MQ initiation queue resource name	NAME	The name of the WebSphere MQ initiation queue resource.

WebSphere MQ monitors - MQMON

The **Websphere MQ monitor** (MQMON) views display status information and statistics for a WebSphere MQ Monitor defined in the CICS region.

Supplied views

To access from the main menu, click:

CICS operations views > DB2, DBCTL and WebSphere MQ operations views > WebSphere MQ monitors

Table 122. Views in the supplied **WebSphere MQ monitor** *(MQMON) view set*

View	Notes
WebSphere MQ monitor EYUSTARTMQMON.DETAIL1	Statistics for WebSphere MQ API calls, by individual command.
WebSphere MQ monitor EYUSTARTMQMON.DETAILED	Overview information about the WebSphere MQ Monitor for the selected CICS region.
WebSphere MQ monitor EYUSTARTMQMON.SET	Set attributes according to values specified in input fields
WebSphere MQ monitor EYUSTARTMQMON.TABULAR	Tabular information about WebSphere MQ Monitors for CICS regions.

Actions

Table 123. Actions available for MQMON views

Action	Description
SET	Set attributes according to values specified in input fields

Fields

Table 124. Fields in MQMON views

Field	Attribute name	Description
Autostart status	AUTOSTATUS	Specifies if the queue monitoring transaction is to be automatically started when the connection to the MQ Queue manager is established.
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource. • AUTOINSTALL - The resource was last autoinstalled. • DYNAMIC - The resource was last changed as a result of the installation of a MQCONN with INITQNAME specified.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
Enabled status	ENABLESTATUS	The enabled / disabled status of the MQMonitor.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • GRPLIST - The resource was installed by GRPLIST INSTALL. • DYNAMIC - The resource was installed as a result of the installation of a MQCONN with INITQNAME specified.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Monitor data	MONDATA	Data to be passed to the transaction monitoring the MQ queue. For user written MQMONITORs this data is prefixed as follows : • Left chevron • MQ monitor resource name • Target userid • Right chevron

Table 124. Fields in MQMON views (continued)

Field	Attribute name	Description
Monitor status	MONSTATUS	The current activity status of the MQMonitor.
Monitor userid	MONUSERID	Userid to be used by the task monitoring the MQ queue.
GMT start time	MQRGMTSTART	The GMT date and time when the CICS MQ monitor started.
GMT stop time	MQRGMTSTOP	The GMT date and time when the CICS MQ monitor stopped.
Local start time	MQRLCLSTART	The local date and time when the CICS MQ monitor started.
Local stop time	MQRLCLSTOP	The local date and time when the CICS MQ monitor stopped.
MQ queue name	MQRQNAME	The name of the WebSphere MQ queue.
Number of backout units of work	MQRTBACKUOW	The total number of UOWs on the connection which were resolved by a backout.
Number of MQCLOSE requests	MQRTCLOSE	The total number of times the MQCLOSE command was issued.
Number of committed units of work	MQRTCOMMUOW	The total number of UOWs on the connection which were resolved by a commit.
Number of MQGET requests	MQRTGET	The total number of times the MQGET command was issued.
Number of MQGET with wait requests	MQRTGETWAIT	The total number of times the MQGET command was issued with the MQGMO_WAIT option.
Number of MQINQ requests	MQRTINQ	The total number of times the MQINQ command was issued.
Number of MQINQL requests	MQRTINQL	The total number of times the MQINQL command was issued.
Number of MQOPEN requests	MQRTOPEN	The total number of times the MQOPEN command was issued.
Number of other MQ calls	MQRTOTHER	The total number of other MQ calls.
Number of MQPUT requests	MQRTPUT	The total number of times the MQPUT command was issued.
Number of MQPUT1 requests	MQRTPUT1	The total number of times the MQPUT1 command was issued.
Number of MQSET requests	MQRTSET	The total number of times the MQSET command was issued.
MQ monitor resource name	NAME	The name of the WebSphere MQ monitor resource.
MQ queue name	QNAME	The name of the WebSphere MQ queue that is being monitored.
Task number	TASKID	Task number of the task monitoring the MQ queue.
Monitor transaction	TRANSACTION	Transaction used by the task monitoring the MQ queue.
Target userid	USERID	Userid to be used by the task started by the MQ monitoring task when no userid has been supplied by the application.

Document template operations views

The document template operations views show information about document templates within the current context and scope.

Document template - DOCTEMP

The **Document templates** (DOCTEMP) views display information about currently installed document templates.

Supplied views

To access from the main menu, click:

CICS operations views > Document template operations views > Document template

Table 125. Views in the supplied **Document template** *(DOCTEMP) view set*

View	Notes
Document template EYUSTARTDOCTEMP.DETAIL1	Statistical information about a selected document template.
Document template EYUSTARTDOCTEMP.DETAIL2	Detailed information about the resource signature.
Document template EYUSTARTDOCTEMP.DETAILED	Detailed information about a selected document template.
Document template EYUSTARTDOCTEMP.DISCARD	Discard a document template table from the CICS system where it is installed.
Document template EYUSTARTDOCTEMP.NEWCOPY	Refresh the cached copy of the document template in the CICS system where it is installed.
Document template EYUSTARTDOCTEMP.TABULAR	Tabular information about currently installed document templates.

Actions

Table 126. Actions available for DOCTEMP views

Action	Description
DISCARD	Discard a document template table from the CICS system where it is installed.
NEWCOPY	Refresh the cached copy of the document template in the CICS system where it is installed.

Fields

Table 127. Fields in DOCTEMP views

Field	Attribute name	Description
Carriage return line feed (CRLF) append option	APPENDCRLF	The option to append carriage return, line feed (CRLF) to document template records when they are read. Values are APPEND, NOAPPEND.
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Total number of DOCTEMPLATE deletes from Cache	CACHEDELD	The number of times the cached copy of the document template was deleted because of a short on storage condition.
Size in bytes of DOCTEMPLATE	CACHESIZE	The amount of storage required for a cached copy of the document template. Before the first use of the template, this field is zero. This field is always zero for templates in a CICS program, which are never cached, and for templates in an exit program if they are not specified for caching.
Total number of DOCTEMPLATE accesses from Cache	CACHEUSED	The number of times an application used the cached copy of the document template.

Table 127. Fields in DOCTEMP views (continued)

Field	Attribute name	Description
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • DYNAMIC - The resource was last changed dynamically. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
New copy status of the DOCTEMPLATE	COPY	The COPY status of the doctemplate, which determines whether or not a new copy of the doctemplate is required.
DD name of the partitioned data set	DDNAME	The DDname of the partitoned data set for the document template.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
Document content type	DOCTYPE	The data type of the contents of the document. Values are BINARY or EBCDIC.
Data set name of partitioned data set	DSNAME	The data set name (dsname) for the document template.
Exit program name	EXITPGM	Name of the exit program for the document template.
File name	FILE	The name of the file for the document template.
zSeries File System template file	HFSFILE	The name of the zSeries File System (zFS) template file
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • GRPLIST - The resource was installed by GRPLIST INSTALL. • DYNAMIC - The resource was installed dynamically.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Name of the member in partitioned data set	MEMBER	The member of the partitoned dataset for the document template.
Document template name	NAME	The name of the document template
Total number of NEWCOPY requests issued	NEWCOPYCNT	The number of times the SET DOCTEMPLATE NEWCOPY command was issued for this document template.
Program name	PROGRAM	The program for the document template.
Total number of DOCTEMPLATE reads	READCOUNT	The number of times the document template was read from the source.
Transient data queue name	TDQUEUE	The identifier of the transient data queue for the document template.

Table 127. Fields in DOCTEMP views (continued)

Field	Attribute name	Description
Extended document template name	TEMPLATENAME	The full name of the document template.
Document template type	TEMPLATETYPE	The type of document template. Available types of document template are: • EXITPGM - An exit program. • FILE - A file. • HFS - An HFS file. • MEMBER - A member of a partitioned dataset. • PROGRAM - A program. • TDQUEUE - A transient data queue. • TSQUEUE - A temporary storage queue.
Temporary storage queue name	TSQUEUE	The identifier of the temporary storage queue for the document template.
Total number of times DOCTEMPLATE has been used	USECOUNT	The total number of times the document template was referenced for any reason.

Enqueue model operations views

The enqueue model operations views show information about enqueue models within the current context and scope.

Enqueue model - ENQMODEL

The **enqueue models** (ENQMODEL) views display information about ENQ models in active CICS systems being managed by CICSPlex SM.

Supplied views

To access from the main menu, click:

CICS operations views > **Enqueue model operations views** > **Enqueue model**

Table 128. Views in the supplied **Enqueue model** *(ENQMODEL) view set*

View	Notes
Enqueue model EYUSTARTENQMODEL.DETAIL1	Detailed information about the resource signature.
Enqueue model EYUSTARTENQMODEL.DETAILED	Detailed information about a selected enqueue model.
Enqueue model EYUSTARTENQMODEL.DISABLE	Set the status of the selected enqueue model to DISABLED.
Enqueue model EYUSTARTENQMODEL.DISCARD	Discard the selected enqueue model from the CICS system where it is installed. When discard is issued, the model is put into the WAITING state until there are no enqueues in the local system which match the ENQNAME pattern. It is then removed from the local system, so that the system no longer has access to the model; that is, it revokes the earlier installation of a model resource definition of the same name. Adding or removing a definition does not affect enqueues already held, only ENQ commands issued after the definition is added or removed are affected.
Enqueue model EYUSTARTENQMODEL.ENABLE	Set the status of the selected enqueue model to ENABLED. Disabled enqueue models can be installed in any order, but must be enabled in order from most specific to least specific.

Table 128. Views in the supplied **Enqueue model** *(ENQMODEL) view set (continued)*

View	Notes
Enqueue model EYUSTARTENQMODEL.SET	Set the status of the selected enqueue model.
Enqueue model EYUSTARTENQMODEL.TABULAR	Tabular information about enqueue models.

Actions

Table 129. Actions available for ENQMODEL views

Action	Description
DISABLE	Set the status of the selected enqueue model to DISABLED.
DISCARD	Discard the selected enqueue model from the CICS system where it is installed. When discard is issued, the model is put into the WAITING state until there are no enqueues in the local system which match the ENQNAME pattern. It is then removed from the local system, so that the system no longer has access to the model; that is, it revokes the earlier installation of a model resource definition of the same name. Adding or removing a definition does not affect enqueues already held, only ENQ commands issued after the definition is added or removed are affected.
ENABLE	Set the status of the selected enqueue model to ENABLED. Disabled enqueue models can be installed in any order, but must be enabled in order from most specific to least specific.
SET	Set the status of the selected enqueue model.

Fields

Table 130. Fields in ENQMODEL views

Field	Attribute name	Description
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • SYSTEM - The resource was last changed by the CICS or CICSPlex SM system. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.

Table 130. Fields in ENQMODEL views (continued)

Field	Attribute name	Description
Enqueue resource name	ENQNAME	This defines the 1 - 255 character resource name.
Enqueue scope name	ENQSCOPE	This identifies the optional four character scope name. If this field is omitted or specified as blanks then the matching ENQ will have local scope.
Enqueue status	ENQSTATUS	This specifies the action to be taken on the ENQMODEL: • ENABLED – matching enqueue requests are processed in the normal way. • DISABLED – matching enqueue requests are rejected, and the issuing task is abended with code ANQE. Matching INSTALL CREATE and DISCARD requests are processed. • WAITING – matching enqueue requests are being rejected, and the issuing tasks are abending with code ANQE. There are INSTALL CREATE or DISCARD requests waiting to be processed.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • GRPLIST - The resource was installed by GRPLIST INSTALL.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Enqueue model name	NAME	This is the name of the enqueue model defined within this CICS system.

Enterprise Java component operations views

Enterprise Java components views display information about CICS and user-defined enterprise beans within the current context and scope.

Enterprise beans in CorbaServers - EJCOBEAN

The **enterprise beans in CorbaServers** (EJCOBEAN) views display information about enterprise beans within a currently installed CorbaServer.

Supplied views

To access from the main menu, click:

CICS operations views > Enterprise Java component operations views > Enterprise beans in CorbaServers

Table 131. Views in the supplied **Enterprise beans in CorbaServer** *(EJCOBEAN) view set*

View	Notes
Enterprise beans in CorbaServer EYUSTARTEJCOBEAN.DETAILED	Detailed information about a selected enterprise bean.
Enterprise beans in CorbaServer EYUSTARTEJCOBEAN.TABULAR	Tabular information about enterprise beans in CorbaServers.

Actions

None.

Fields

Table 132. Fields in EJCOBEAN views

Field	Attribute name	Description
Number of Bean state Activates	BEANACTIVATE	The number of times a bean of this type has been activated.
Number of Bean Creates	BEANCREATES	The number of times a bean of this type has been created.
Number of Bean Method calls	BEANMETHCALL	The number of times a remote method call has been invoked against a bean of this type.
Enterprise bean name	BEANNAME	The name of the enterprise bean.
Number of Bean state Passivates	BEANPASSIVAT	The number of times a bean of this type has been passivated.
Number of Bean Removes	BEANREMOVES	The number of times a bean of this type has been removed.
CICS-deployed JAR file	DJAR	The name of the deployed JAR file to which the bean belongs.
CorbaServer name	NAME	The name of the CorbaServer.

CorbaServers - EJCOSE

The **CorbaServers** (EJCOSE) views display information about currently installed CorbaServers.

Supplied views

To access from the main menu, click:

CICS operations views > **Enterprise Java component operations views** > **CorbaServers**

Table 133. Views in the supplied **CorbaServers** *(EJCOSE) view set*

View	Notes
CorbaServers EYUSTARTEJCOSE.DETAIL1	Detailed JNDI and shelf information about a selected CorbaServer.
CorbaServers EYUSTARTEJCOSE.DETAIL2	Detailed host and certificate information about a selected CorbaServer.
CorbaServers EYUSTARTEJCOSE.DETAIL3	Detailed DJAR and statistics information about a selected CorbaServer.
CorbaServers EYUSTARTEJCOSE.DETAIL4	Detailed cipher information about a selected CorbaServer.
CorbaServers EYUSTARTEJCOSE.DETAIL5	Detailed information about the resource signature.
CorbaServers EYUSTARTEJCOSE.DETAILED	Detailed general information about a selected CorbaServer.
CorbaServers EYUSTARTEJCOSE.DISCARD	Discard the selected CorbaServer from its associated MAS together with any associated deployed JAR files and beans.

Table 133. Views in the supplied **CorbaServers** *(EJCOSE) view set (continued)*

View	Notes
CorbaServers EYUSTARTEJCOSE.PUBLISH	Publish: • all beans installed in the specified CorbaServer • the Generic Factory Interoperable Object Reference (Generic factory) of the specified Corbaserver Publishing a bean means binding a reference to the home of the bean in the namespace. The naming context in which the bean is bound is named, relative to the initial context defined for the CICS region, using a concatenation of the JNDIPREFIX attribute of the CorbaServer and the name of the bean. The Generic factory is bound with the name GenericFactory concatenated to the JNDIPREFIX attribute of the Corbaserver.
CorbaServers EYUSTARTEJCOSE.RETRACT	Retract all beans installed in the selected CorbaServer. Retracting a bean means unbinding a reference to the home of the bean from the namespace. The naming context in which the bean is bound is named, relative to the initial context defined for the CICS region, using a concatenation of the JNDIPREFIX attribute of the CorbaServer and the name of the bean.
CorbaServers EYUSTARTEJCOSE.SCAN	Scan the selected CorbaServer's deployed JAR file directory (also known as the pickup directory) for new or updated deployed JAR files. If CICS finds any new deployed JAR files in the pickup directory, it copies them to its shelf directory and dynamically creates and installs DJAR definitions for them. If CICS finds any updated deployed JAR files in the pickup directory, it updates both the LASTMODTIME, DATESTAMP, and TIMESTAMP attributes of the installed DJAR definitions and the shelf copies of the deployed JAR files.
CorbaServers EYUSTARTEJCOSE.SET	Change the attributes of a selected CorbaServer.
CorbaServers EYUSTARTEJCOSE.TABULAR	Tabular information about installed CorbaServers.

Actions

Table 134. Actions available for EJCOSE views

Action	Description
DISCARD	Discard the selected CorbaServer from its associated MAS together with any associated deployed JAR files and beans.
PUBLISH	Publish: • all beans installed in the specified CorbaServer • the Generic Factory Interoperable Object Reference (Generic factory) of the specified Corbaserver Publishing a bean means binding a reference to the home of the bean in the namespace. The naming context in which the bean is bound is named, relative to the initial context defined for the CICS region, using a concatenation of the JNDIPREFIX attribute of the CorbaServer and the name of the bean. The Generic factory is bound with the name GenericFactory concatenated to the JNDIPREFIX attribute of the Corbaserver.
RETRACT	Retract all beans installed in the selected CorbaServer. Retracting a bean means unbinding a reference to the home of the bean from the namespace. The naming context in which the bean is bound is named, relative to the initial context defined for the CICS region, using a concatenation of the JNDIPREFIX attribute of the CorbaServer and the name of the bean.

Table 134. Actions available for EJCOSE views (continued)

Action	Description
SCAN	Scan the selected CorbaServer's deployed JAR file directory (also known as the pickup directory) for new or updated deployed JAR files. If CICS finds any new deployed JAR files in the pickup directory, it copies them to its shelf directory and dynamically creates and installs DJAR definitions for them. If CICS finds any updated deployed JAR files in the pickup directory, it updates both the LASTMODTIME, DATESTAMP, and TIMESTAMP attributes of the installed DJAR definitions and the shelf copies of the deployed JAR files.
SET	Change the attributes of a selected CorbaServer.

Fields

Table 135. Fields in EJCOSE views

Field	Attribute name	Description
TCP/IP service for Asserted Identity protocol	ASSERTED	The 8-character name of a TCPIPSERVICE that defines the characteristics of the port that is used for inbound IIOP with asserted identity authentication.
Auto publish beans to Java naming directory (JNDI)	AUTOPUBLISH	Indicates whether enterprise beans are to be automatically published to the JNDI namespace when the deployed JAR file that contains them is successfully installed in the CorbaServer. The values are: • Autopub – Enterprise beans are to be automatically published. • Noauto – Enterprise beans are not to be automatically published.
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Secure sockets layer (SSL) client certificate	CERTIFICATE	This specifies the label of a certificate within the key ring that is to be used as a client certificate in the SSL handshake for outbound IIOP connections. If this option is not specified, the default certificate for the key ring is used.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
SSL cipher suite codes	CIPHERS	The list of cipher suites, in the form of up to 28 hexadecimal pairs, that is used to negotiate with clients during the SSL handshake. When a secure connection is established between a pair of processes, the most secure cipher suite supported by both is used.
TCP/IP service for client certificated protocol	CLIENTCERT	The 8-character name of a TCPIPSERVICE resource that defines the characteristics of the port that is used for inbound IIOP with SSL client certificate authentication.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.

Table 135. Fields in EJCOSE views (continued)

Field	Attribute name	Description
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
CICS-deployed JAR file pickup directory	DJARDIR	A 255-character area containing the name of the deployed JAR file directory (also known as the pickup directory) on zFS. (The pickup directory is the place that you put deployed JAR files that you want to be installed into the CorbaServer by the CICS scanning mechanism.)
CorbaServer status	ENABLESTATUS	Specifies the current state of the CorbaServer. The values are: • Disabled – The CorbaServer is currently not processing any requests and is unable to accept new requests. It may have failed to initialize properly or have been explicitly disabled. • Disabling – The CorbaServer is quiescing before entering disabled state. It is not accepting new requests but is allowing currently-executing work to complete. • Discarding – A DISCARD request has been received for this CorbaServer. The CorbaServer is quiescing before being discarded. It is not accepting new requests but is allowing currently-executing work to complete. • Enabled – The CorbaServer is available and is accepting requests. • Enabling – The CorbaServer is being initialized. It is not yet ready to accept requests. Input Values: ENABLED, DISABLED
Number of Failed Activates	FAILACTIVATE	The total number of failed stateful session bean activations.
Host name or IP address	HOST	The host name or IP address of this logical EJB or CORBA server. The HOSTTYPE option gives the format of this value, as either a name, an IPv4 address or an IPv6 address. HOST is a static value, specified in the Resource Definition.
The format of the host name or address	HOSTTYPE	The format of the name or address in the HOST option. These are the possible values: • HOSTNAME - HOST contains a character host name. The IP address that corresponds to the host name is looked up using DNS. • IPV4 - HOST contains an IPv4 address specified in dotted decimal address format • IPV6 - HOST contains an IPv6 address specified in colon hexadecimal address format • NOTAPPLIC - The HOST name or address is incorrect (HOST=0.0.0.0 or HOST=*).
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • GRPLIST - The resource was installed by GRPLIST INSTALL.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.

Table 135. Fields in EJCOSE views (continued)

Field	Attribute name	Description
The format of the resolved IP address	IPFAMILY	The format of the IP address in the IPRESOLVED option. These are the possible values: • IPV4 - IPRESOLVED contains an IPv4 address specified in dotted decimal address format. • IPV6 - IPRESOLVED contains an IPv6 address specified in colon hexadecimal address format. • UNKNOWN - IPRESOLVED is not yet in use, or the address cannot be resolved. This is the default when IPRESOLVED is 0.0.0.0
The resolved address of this CORBA server	IPRESOLVED	The resolved IPv4 or IPv6 address of the CORBA server named in the HOST option, or 0.0.0.0 if it is unavailable or unknown. The format of this IP address is given by the IPFAMILY option.
Java naming directory (JNDI) prefix	JNDIPREFIX	The prefix to be used at run time when publishing enterprise beans to the Java Naming and Directory Interface (JNDI). The prefix must include any trailing delimiter, such as a forward slash, because CICS does not insert a delimiter between the prefix and a suffix. If this option is not specified, no prefix is prepended when publishing beans to JNDI.
CorbaServer name	NAME	The name of the CorbaServer.
Number of SSL cipher suite codes	NUMCIPHERS	The number of SSL cipher suite codes.
Number of Object Activates	OBJACTIVATES	The total number of successful stateful session bean activations.
Number of Object Stores	OBJSTORES	The total number of successful stateful session bean passivations.
Outbound privacy	OUTPRIVACY	Indicates the level of SSL encryption used for outbound requests from this CorbaServer. The level is determined by the CIPHERS attribute. Possible values are: • Notsupported – Encryption is not used. During the SSL handshake, CICS advertises only supported cipher suites that do not provide encryption. • Required – Encryption is used. During the SSL handshake, CICS advertises only supported cipher suites that provide encryption. • Supported – Encryption is used if both client and server support it. During the SSL handshake, CICS advertises all supported cipher suites.
TCP/IP port number	PORT	This attribute is obsolete and unsupported.
Session bean timeout (minutes)	SESSBEANTIME	This defines the elapsed time (in minutes) of inactivity after which a session bean may be discarded. A value of 0 prevents beans from being timed out. The default value is 10 minutes.
zSeries File System (zFS) shelf directory	SHELF	The fully qualified name of up to 255 characters of a directory (a shelf, primarily for deployed JAR files) on zFS.
Secure sockets layer (SSL) usage	SSL	This attribute is obsolete and unsupported.
Secure sockets layer (SSL) port number	SSLPORT	This attribute is obsolete and unsupported.
TCP/IP service for SSL AUTHENTICATE=NO protocol	SSLUNAUTH	The 8-character name of a TCPIPSERVICE resource that defines the characteristics of the port that is used for inbound IIOP with SSL but no client authentication

Table 135. Fields in EJCOSE views (continued)

Field	Attribute name	Description
CorbaServer state usage	STATE	Applies only to releases earlier than CICS Transaction Server for z/OS Version 3 Release 1. In later releases this is replaced by ENABLESTATUS. This specifies the current status of this CorbaServer and has a value of: • INITING - The CorbaServer is being initialized. It is not yet ready to accept requests. • INSERVICE - The CorbaServer is available and is accepting requests. • PENDINIT - Initialization has not yet started. • PENDRESOLVE - Resolution of the CorbaServer has not yet started. • UNRESOLVED - Resolution of the CorbaServer has failed. • UNUSABLE - The CorbaServer is unusable. • DISCARDING - A DISCARD is in progress for this CorbaServer. • RESOLVING - The CorbaServer is being resolved.
TCP/IP service for unauthenticated protocol	UNAUTH	The 8-character name of a TCPIPSERVICE resource that defines the characteristics of the port that is used for inbound IIOP with no authentication

CICS-deployed JAR files - EJDJAR

The **CICS-deployed JAR files** (EJDJAR) views display information about CICS-deployed JAR files being managed by CICSPlex SM.

Supplied views

To access from the main menu, click:

CICS operations views > **Enterprise Java component operations views** > **CICS-deployed JAR files**

Table 136. Views in the supplied **CICS-deployed JAR files** *(EJDJAR) view set*

View	Notes
CICS-deployed JAR files EYUSTARTEJDJAR.DETAIL1	Detailed information about the resource signature.
CICS-deployed JAR files EYUSTARTEJDJAR.DETAILED	Detailed information about a selected CICS-deployed JAR file
CICS-deployed JAR files EYUSTARTEJDJAR.DISCARD	Discard the selected CICS-deployed JAR file from its associated MAS.
CICS-deployed JAR files EYUSTARTEJDJAR.PUBLISH	Publishes the beans from the selected CICS-deployed JAR file into the JNDI directory.
CICS-deployed JAR files EYUSTARTEJDJAR.RETRACT	Retracts the beans from the selected CICS-deployed JAR file from the JNDI directory.
CICS-deployed JAR files EYUSTARTEJDJAR.TABULAR	Tabular information about installed CICS-deployed JAR files

Actions

Table 137. Actions available for EJDJAR views

Action	Description
DISCARD	Discard the selected CICS-deployed JAR file from its associated MAS.
PUBLISH	Publishes the beans from the selected CICS-deployed JAR file into the JNDI directory.
RETRACT	Retracts the beans from the selected CICS-deployed JAR file from the JNDI directory.

Fields

Table 138. Fields in EJDJAR views

Field	Attribute name	Description
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • DYNAMIC - The resource was last changed dynamically. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
CorbaServer name	CORBASERVER	Hyperlink to the EJCOSED panel, which specifies the details of the destination CorbaServer for this Deployed JAR.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
zSeries File System (zFS) path	HFSFILE	The first 30 characters of the fully qualified name of the Deployed JAR file on zFS. If the field is terminated with '...' then only a partial file name is shown, and you should hyperlink to the detail panel to review the full field contents.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • DYNAMIC - The resource was last installed dynamically. • GRPLIST - The resource was installed by GRPLIST INSTALL.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.

Table 138. Fields in EJDJAR views (continued)

Field	Attribute name	Description
Time the DJAR was last modified	LASTMODTIME	The time, in milliseconds since 00:00 on January 1st 1900, that the deployed JAR file on zFS was last updated. This is a read only value that CICS updates when the DJAR resource is installed or updated. The last-modified-time can be used to determine whether CICS has refreshed itself after an update is made to a JAR in the pickup directory.
CICS-deployed JAR file	NAME	The name of the Deployed Java Archive.
CICS-deployed JAR file status	STATE	The current status of this Deployed JAR and has a value of INITING, INSERVICE, PENDINIT, PENDRESOLVE, UNRESOLVED, UNUSABLE, DISCARDING, and RESOLVING.

Enterprise beans in CICS-deployed JAR files - EJDJBEAN

The **enterprise beans in CICS-deployed JAR file** (EJDJBEAN) views display general information about enterprise beans within a CICS-deployed JAR file.

Supplied views

To access from the main menu, click:

CICS operations views > **Enterprise Java component operations views** > **Enterprise beans in CICS-deployed JAR files**

Table 139. Views in the supplied **Enterprise beans in CICS-deployed JAR file** *(EJDJBEAN) view set*

View	Notes
Enterprise beans in CICS-deployed JAR file EYUSTARTEJDJBEAN.DETAILED	Detailed information about a selected enterprise bean
Enterprise beans in CICS-deployed JAR file EYUSTARTEJDJBEAN.TABULAR	Tabular information about enterprise beans within a CICS-deployed JAR file.

Actions

None.

Fields

Table 140. Fields in EJDJBEAN views

Field	Attribute name	Description
Number of Bean state Activates	BEANACTIVATE	The number of times a bean of this type has been activated.
Number of Bean Creates	BEANCREATES	The number of times a bean of this type has been created.
Number of Bean Method calls	BEANMETHCALL	The number of times a remote method call has been invoked against a bean of this type.
Enterprise bean name	BEANNAME	The name of the enterprise bean.
Number of Bean state Passivates	BEANPASSIVAT	The number of times a bean of this type has been passivated.
Number of Bean Removes	BEANREMOVES	The number of times a bean of this type has been removed.
CorbaServer name	CORBASERVER	The name of the CorbaServer.
CICS-deployed JAR file	NAME	The name of the deployed JAR file to which the bean belongs.

JVM pool - JVMPOOL

The **Java virtual machine (JVM) pool** (JVMPOOL) views display information about the pool of JVMs in the CICS address space.

Supplied views

To access from the main menu, click:

CICS operations views > Enterprise Java component operations views > JVM pool

Table 141. Views in the supplied **JVM pool** *(JVMPOOL) view set*

View	Notes
JVM pool EYUSTARTJVMPOOL.DETAIL1	Detailed trace control information about a selected JVM pool.
JVM pool EYUSTARTJVMPOOL.DETAIL2	Detailed pool statistics information about a selected JVM pool.
JVM pool EYUSTARTJVMPOOL.DETAILED	Detailed general information about a selected JVM pool.
JVM pool EYUSTARTJVMPOOL.DISABLE	Set the selected pool status to disabled, preventing new requests from being serviced from the pool. Programs that were started before the command was issued are allowed to execute to completion.
JVM pool EYUSTARTJVMPOOL.ENABLE	Set the selected pool status to enabled for use so that Java programs can execute using JVMs from the pool.
JVM pool EYUSTARTJVMPOOL.FORCEPURGE	Terminate tasks using JVMs by the SET TASK FORCEPURGE mechanism, and terminate the JVMs. If you do not specify a JVM profile, all JVMs in the pool are terminated. For CICS TS 3.2 and later regions, you can specify a JVM profile to limit termination to JVMs with that profile.
JVM pool EYUSTARTJVMPOOL.PHASEOUT	Mark JVMs for deletion when they finish running their current Java program. If you do not specify a JVM profile, all JVMs in the pool are marked for deletion. For CICS TS 3.2 and later regions, you can specify a JVM profile to limit termination to JVMs with that profile.
JVM pool EYUSTARTJVMPOOL.PURGE	Terminate all tasks using JVMs by the SET TASK PURGE mechanism, and terminate the JVMs. If you do not specify a JVM profile, all JVMs in the pool are terminated. For CICS TS 3.2 and later regions, you can specify a JVM profile to limit termination to JVMs with that profile.
JVM pool EYUSTARTJVMPOOL.SET	Set the status of the selected JVM pool.
JVM pool EYUSTARTJVMPOOL.START	Initialize the JVMPOOL using the START option. You specify a number of JVMs to be started for a JVM profile. You also specify the execution key for the JVMs.
JVM pool EYUSTARTJVMPOOL.TABULAR	Tabular information about the pool of JVMs in the CICS address space.

Actions

Table 142. Actions available for JVMPOOL views

Action	Description
DISABLE	Set the selected pool status to disabled, preventing new requests from being serviced from the pool. Programs that were started before the command was issued are allowed to execute to completion.
ENABLE	Set the selected pool status to enabled for use so that Java programs can execute using JVMs from the pool.
FORCEPURGE	Terminate tasks using JVMs by the SET TASK FORCEPURGE mechanism, and terminate the JVMs. If you do not specify a JVM profile, all JVMs in the pool are terminated. For CICS TS 3.2 and later regions, you can specify a JVM profile to limit termination to JVMs with that profile.
PHASEOUT	Mark JVMs for deletion when they finish running their current Java program. If you do not specify a JVM profile, all JVMs in the pool are marked for deletion. For CICS TS 3.2 and later regions, you can specify a JVM profile to limit termination to JVMs with that profile.
PURGE	Terminate all tasks using JVMs by the SET TASK PURGE mechanism, and terminate the JVMs. If you do not specify a JVM profile, all JVMs in the pool are terminated. For CICS TS 3.2 and later regions, you can specify a JVM profile to limit termination to JVMs with that profile.
SET	Set the status of the selected JVM pool.
START	Initialize the JVMPOOL using the START option. You specify a number of JVMs to be started for a JVM profile. You also specify the execution key for the JVMs.

Fields

Table 143. Fields in JVMPOOL views

Field	Attribute name	Description
JVM LVL0 Trace control	JVMLVL0TRACE	The default option for JVM Level 0 trace, corresponding to trace level 29 of the SJ component. The default setting for this level of tracing maps to trace point level 0 for JVMs, which is reserved for extraordinary events and errors. Unlike CICS exception trace, which cannot be switched off, the JVM Level 0 trace is normally switched off unless JVM tracing is required.
JVM LVL1 Trace control	JVMLVL1TRACE	The default option for JVM Level 1 trace, corresponding to trace level 30 of the SJ component. The default setting for this level of tracing maps to trace point level 1 for JVMs.
JVM LVL2 Trace control	JVMLVL2TRACE	The default option for JVM Level 2 trace, corresponding to trace level 31 of the SJ component. The default setting for this level of tracing maps to trace point level 2 for JVMs.
JVM USER Trace control	JVMUSERTRACE	The default option for JVM user trace, corresponding to trace level 32 of the SJ component.
Number of Java virtual machines (JVM) for removal	PHASINGOUT	The number of JVMs that are marked for removal from the JVM pool. These JVMs are still allocated to a task that is currently executing, or has executed, a Java program in the JVM. JVMs are marked for removal as a result of a JVMPOOL Phaseout, Purge or Forcepurge action or as a result of a CLCACHE Phaseout, Purge or Forcepurge action.
JVM profile directory	PROFILEDIR	The name of the z/OS UNIX directory that contains the JVM profiles in CICS. This value is taken from the JVMPROFILEDIR system initialization parameter.
Current pooled (class cache) JVMs	SJGCURRCACHE	The number of JVMs currently in the pool that use the shared class cache, so are pooled JVMs. JVMs use the shared class cache if they were created using JVM profiles that specify CLASSCACHE=YES. This count includes both pooled JVMs that are in use by a Java program, and pooled JVMs that are awaiting reuse.
Number of current JVMs	SJGCURRJVMS	The current number of JVMs in the JVM pool.

Table 143. Fields in JVMPOOL views (continued)

Field	Attribute name	Description
Peak pooled (class cache) JVMs	SJGPEAKCACHE	The peak number of JVMs in the JVM pool that used the shared class cache.
Peak number of JVMs	SJGPEAKJVMS	The peak number of JVMs in the JVM pool.
JVM requests - class cache	SJGREQSCACHE	The total number of Java programs which requested a JVM that uses the shared class cache.
Number of JVM requests with JVM initialised	SJGREQSINIT	The number of JVM program requests where the JVM was initialized.
Number of JVM requests with JVM mismatch	SJGREQSMISMA	The number of JVM program requests that required a reusable (continuous) JVM, but for which there was no JVM already initialized with the same JVM profile.
Number of JVM requests with JVM reset	SJGREQSRESET	Number of requests to run a program in a resettable JVM. This field is not applicable for CICS TS 3.2 and later regions.
Number of JVM requests with JVM reuse	SJGREQSREUSE	The number of requests to run a program in a continuous JVM.
Number of JVM requests with JVM terminated	SJGREQSTERMI	The number of JVMs that have been terminated.
Total number of JVM program requests	SJGREQSTOTAL	The total number of requests to run a Java program in a JVM.
Status of Java virtual machine (JVM) pool	STATUS	The status of the JVM pool: • ENABLED - The pool is enabled for use and Java programs can execute using JVMs from the pool. This is the normal status. • DISABLED - The pool is disabled, and new requests cannot be serviced from the pool. Programs can still be executing if they were started before the JVM pool became disabled.
Number of pre-initialized Java virtual machines	TOTAL	The number of JVMs that have been initialized and are available for use or allocated to tasks. This total includes JVMs that are in the process of being terminated and removed from the region and included on the PHASINGOUT count.

JVM profile - JVMPROF

The **JVM profiles** (JVMPROF) views display information about JVM profiles for pooled JVMs in the CICS address space.

Supplied views

To access from the main menu, click:

CICS operations views > Enterprise Java component operations views > JVM profile

Table 144. Views in the supplied **JVM Profile** *(JVMPROF) view set*

View	Notes
JVM Profile EYUSTARTJVMPROF.DETAIL1	Detailed information about statistics for a selected JVM profile.
JVM Profile EYUSTARTJVMPROF.DETAILED	Detailed information about a selected JVM profile
JVM Profile EYUSTARTJVMPROF.TABULAR	Tabular information about JVM profiles in the CICS address space

Actions

None.

Fields

Table 145. Fields in JVMPROF views

Field	Attribute name	Description
Current JVM profile CICS key use count	CCURPROFUSE	The current use count for JVMs with an execution key of CICS.
Times JVMs CICS key destroyed by 'SOS' action	CJVMDESTRSOS	The number of times that CICS key JVMs with this profile were destroyed due to a short-on-storage condition. When CICS is notified of a short-on-storage condition by its storage monitor for JVMs, it might destroy JVMs in the JVM pool that are not currently in use.
Heap peak for CICS key JVMs	CJVMHEAPHWM	The peak heap storage used by CICS key JVMs with this profile.
Number of CICS key JVMs not resettable	CJVMSUNRESET	The number of CICS key JVMs that were not resettable. This field is not applicable for CICS TS 3.2 and later regions.
Class cache status	CLASSCACHEST	Specifies whether or not JVMs with this profile are pooled JVMs dependent on the shared class cache. The values are: • CLASSCACHE - The JVM profile for this JVM specified the use of the shared class cache. • NOCLASSCACHE - The JVM profile for this JVM did not specify the use of the shared class cache.
Peak Language Environment heap used (CICS key)	CLEHEAPHWM	The peak Language Environment heap storage for CICS key JVMs with this profile.
Number of times CICS key mismatch victim	CMISMAVICTIM	The number of times that a free CICS key JVM with this profile was taken, destroyed and re-initialized (mismatch), and if necessary its TCB was also destroyed and re-created (steal), in order to fulfil an application's request for a JVM with a different profile. JVM profiles that are not often requested by applications are more likely to be victims of TCB mismatch or stealing, because JVMs created with such profiles spend longer waiting in the JVM pool to be reused.
Number of times CICS key mismatch stealer	CMISMSTEALER	The number of times that an application's request for a CICS key JVM with this profile resulted in a mismatch or a steal. In order to fulfil the application's request, a free JVM with another profile was destroyed and re-initialized (mismatch), and if necessary its TCB was also destroyed and re-created (steal).
New CICS key JVMs created	CNEWJVMSCRT	The number of new CICS key JVMs that were created with this profile.
Peak JVM profile CICS key use count	CPEAKPROFUSE	The peak number of CICS key JVMs with this profile that the JVM pool has contained.
JVM profile CICS key request count	CPROFILEREQS	The number of requests for JVMs with an execution key of CICS.
JVM profile CICS -Xmx value	CPROFXMXVALU	The -Xmx parameter set in this JVM profile for CICS key JVMs. The -Xmx parameter specifies the maximum size of the heap in the JVM.
Full path name of the zFS file	HFSNAME	The full path name of the zFS file for the JVM profile.
Name as used in a program definition	NAME	The name of the JVM profile.
JVM reuse status	REUSEST	Whether or not JVMs with this profile can be reused. The values are: • Reuse - JVMs are continuous • Noreuse - JVMs are single use • Reset - JVMs with this JVM profile are resettable. Valid only for CICS TS regions at version 3.1 and before.
Current JVM profile USER key use count	UCURPROFUSE	The current use count for JVMs with an execution key of user.

Table 145. Fields in JVMPROF views (continued)

Field	Attribute name	Description
Times JVMs USER key destroyed by 'SOS' action	UJVMDESTRSOS	The number of times that user key JVMs with this profile were destroyed due to a short-on-storage condition.
Heap peak for user key JVMs	UJVMHEAPHWM	The peak heap storage used by user key JVMs in this profile
Number of USER key JVMs not resettable	UJVMSUNRESET	The number of user key JVMs that were not resettable. This field is not applicable for CICS TS 3.2 and later regions.
Peak Language Environment heap used (USER key)	ULEHEAPHWM	The peak Language Environment heap storage for user key JVMs with this profile.
Number of times USER key mismatch victim	UMISMAVICTIM	The number of times that a free user key JVM with this profile was taken, destroyed and re-initialized (mismatch), and if necessary its TCB was also destroyed and re-created (steal), in order to fulfil an application's request for a JVM with a different profile.
Number of times USER key mismatch stealer	UMISMSTEALER	The number of times that an application's request for a user key JVM with this profile resulted in a mismatch or a steal.
New USER key JVMs created	UNEWJVMSCRT	The number of new user key JVMs that were created with this profile.
Peak JVM profile USER key use count	UPEAKPROFUSE	The peak number of user key JVMs with this profile that the JVM pool has contained.
JVM profile USER key request count	UPROFILEREQS	The number of requests for JVMs with an execution key of user.
JVM profile USER -Xmx value	UPROFXMXVALU	The -Xmx parameter set in this JVM profile for user key JVMs. The -Xmx parameter specifies the maximum size of the heap in the JVM.

JVM server - JVMSERV

The **JVM servers** (JVMSERV) views display information about JVM servers in the CICS address space. The JVM requires a Language Environment enclave and a pool of T8 TCBs. Each task uses a T8 TCB to run as a pthread in the JVM. The runtime environment is represented in CICS by a resource called JVMSERVER. The JVMSERVER resource defines the runtime options for the JVM, including the location of the JVM profile and the maximum number of threads that the JVM supports.

Supplied views

To access from the main menu, click:

CICS operations views > Enterprise Java component operations views > JVM server

Table 146. Views in the supplied **JVM server** *(JVMSERV) view set*

View	Notes
JVM server EYUSTARTJVMSERV.DETAILED	Detailed information about the selected JVM server.
JVM server EYUSTARTJVMSERV.DETAILED1	Detailed information about the JVM server resource signature.
JVM server EYUSTARTJVMSERV.DISABLE	Disables a JVMSERVER. A JVMSERVER must be disabled before it can be discarded.
JVM server EYUSTARTJVMSERV.DISCARD	Removes this JVMSERVER. A JVMSERVER definition must be disabled before it can be discarded.

Table 146. Views in the supplied **JVM server** *(JVMSERV) view set (continued)*

View	Notes
JVM server EYUSTARTJVMSERV.ENABLE	The JVMSERVER definition can be accessed by applications.
JVM server EYUSTARTJVMSERV.SET	Set attributes according to values specified in input fields
JVM server EYUSTARTJVMSERV.TABULAR	Tabular information about JVM servers.

Actions

Table 147. Actions available for JVMSERV views

Action	Description
DISABLE	Disables a JVMSERVER. A JVMSERVER must be disabled before it can be discarded.
DISCARD	Removes this JVMSERVER. A JVMSERVER definition must be disabled before it can be discarded.
ENABLE	The JVMSERVER definition can be accessed by applications.
SET	Set attributes according to values specified in input fields

Fields

Table 148. Fields in JVMSERV views

Field	Attribute name	Description
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Current Heap size	CURRENTHEAP	The current size of the JVM heap
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.

Table 148. Fields in JVMSERV views (continued)

Field	Attribute name	Description
Enable status	ENABLESTATUS	Indicates whether the JVMSERVER is enabled or not. Values are: • DISABLED – Disable the JVMSERVER resource. CICS finishes processing any requests and then stops the JVM and the Language Environment enclave. • ENABLED – Enable the JVMSERVER resource. CICS creates a Language Environment enclave and starts a JVM. • DISABLING – The JVMSERVER resource is disabling. • ENABLING – The JVMSERVER resource is enabling. • DISCARDING – The JVMSERVER resource is discarding.
The garbage collection policy	GCPOLICY	The garbage collection policy (algorithm) in use by this JVM
Initial Heap size	INITHEAP	The initial size of the JVM heap (Xms)
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • GRPLIST - The resource was installed by GRPLIST INSTALL. • BUNDLE - The resource was installed by a bundle deployment.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
JVM profile name	JVMPROFILE	Specifies the 1- 8 character name of the JVM profile for the JVM server. The JVM profile is a file in the z/OS UNIX directory that is specified by the system initialization parameter JVMPROFILEDIR.
LE runtime options program	LERUNOPTS	Specifies the 1 - 8 character name of the program that defines the runtime options for the Language Environment.
Maximum Heap size	MAXHEAP	The maximum size of the JVM heap (Xmx)
JVM server name	NAME	Specifies the name of this JVMSERVER. The name can be up to eight characters in length.
Heap occupancy	OCCUPANCY	The heap occupancy (size of heap after last Garbage Collection)
Peak Heap size	PEAKHEAP	The peak heap size used by the JVM in the JVMSERVER
JVM process id	PID	The process id of the JVM running in the JVMSERVER
JVM profile directory	PROFILEDIR	The name of the z/OS UNIX directory that contains the JVM profiles in CICS. This value is taken from the JVMPROFILEDIR system initialization parameter.
JVM creation time (GMT)	SRVCRTTMEGMT	The time at which the current JVM within the JVMSERVER was created (GMT)
JVM creation time (Local time)	SRVCRTTMELCL	The time at which the current JVM within the JVMSERVER was created (Local time)
Number of major garbage collection events	SRVGCMJRCNT	The number of times major garbage collection has run in the JVM
Total CPU used by major garbage collection	SRVGCMJRCPU	The total CPU spent in major garbage collection
Heap freed by major garbage collection	SRVGCMJRFRD	The amount of heap freed by major garbage collection
Number of minor garbage collection events	SRVGCMNRCNT	The number of times minor garbage collection has run in the JVM
Total CPU used by minor garbage collection	SRVGCMNRCPU	The total CPU spent in minor garbage collection

Table 148. Fields in JVMSERV views (continued)

Field	Attribute name	Description
Heap freed by minor garbage collection	SRVGCMNRFRD	The amount of heap freed by minor garbage collection
JVM server system thread use count	SRVSYSTHCNT	The number of times the JVM server has used a system thread
Number of system thread waits	SRVSYSTHDWT	The number of tasks that waited for the system thread
Number of tasks waiting for a system thread	SRVSYSTHNWT	Current number of tasks waiting for a system thread
Peak number of waiting system threads	SRVSYSTHPWT	The peak number of tasks waiting for a system thread
Total system thread waiting time	SRVSYSTHWTT	Total time that tasks waited for a system thread
Current number of threads	SRVTHRCURR	Number of current JVM server threads
Peak number of threads	SRVTHRHWM	Peak number of JVM server threads
Number of thread waits	SRVTHRWAITS	The number of thread waits
Current number of waiting threads	SRVTHRWCURR	The number of current waiting threads
Peak number of waiting threads	SRVTHRWHWM	The peak number of waiting threads
Total thread waiting time	SRVTHRWTIME	Total thread waiting time
JVM server task count	SRVUSECOUNT	Total number of tasks that have been attached to run in this JVM server
Maximum number of threads	THREADLIMIT	Set the maximum number of threads that are allowed by CICS when calling the JVM. Each thread is attached using a T8 TCB. The valid range is 1-256 threads.

JVM class cache - CLCACHE

The **JVM class cache** (CLCACHE) views display information about shared class caches for pooled JVMs in the CICS address space.

Supplied views

To access from the main menu, click:

CICS operations views > Enterprise Java component operations views > JVM class cache

Table 149. Views in the supplied **JVM class cache** *(CLCACHE) view set*

View	Notes
JVM class cache EYUSTARTCLCACHE.DETAILED	Detailed information about a selected class cache.
JVM class cache EYUSTARTCLCACHE.FORCEPURGE	Stop and delete the selected shared class cache. All tasks using pooled JVMs dependent on the shared class cache are terminated by the FORCEPURGE mechanism, and the pooled JVMs are terminated. No more JVMs can use the shared class cache, and it is deleted when all the pooled JVMs that were dependent on it have been terminated.

Table 149. Views in the supplied **JVM class cache** *(CLCACHE) view set (continued)*

View	Notes
JVM class cache EYUSTARTCLCACHE.PHASEOUT	Stop and delete the selected shared class cache. All pooled JVMs using the shared class cache are marked for deletion. The JVMs are actually deleted when they finish running their current Java programs. No more JVMs can use the shared class cache, and it is deleted when all the pooled JVMs that were dependent on it have been terminated.
JVM class cache EYUSTARTCLCACHE.PURGE	Stop and delete the selected shared class cache. All tasks using pooled JVMs dependent on the shared class cache are terminated by the PURGE mechanism, and the pooled JVMs are terminated. No more JVMs can use the shared class cache, and it is deleted when all the pooled JVMs that were dependent on it have been terminated.
JVM class cache EYUSTARTCLCACHE.RELOAD	Reload the selected shared class cache. Perform this operation to create a new class cache when the status of the shared class cach is STARTED (the option works only if the shared class cache has been started). If newer versions of Java classes are available to be loaded, the new class cache uses them. However, pooled JVMs, both those that are already allocated to tasks and those that are allocated to tasks after you issue the command, continue to use the existing shared class cache and the old versions of the Java classes until the new shared class cache is ready. When the new shared class cache is ready, subsequent requests for pooled JVMs are given a pooled JVM that uses the new cache. These new pooled JVMs are started as they are requested by applications, and they replace the pooled JVMs that are using the old shared class cache. The pooled JVMs that are using the old shared class cache are allowed to finish running their current Java programs, and then they are terminated. The old shared class cache is deleted when all the pooled JVMs that are dependent on it have been terminated.
JVM class cache EYUSTARTCLCACHE.START	Start the selected shared class cache. Perform this operation to create a new class cache when the status of the shared class cache is STOPPED.
JVM class cache EYUSTARTCLCACHE.TABULAR	Tabular information about shared class caches in the CICS address space.

Actions

Table 150. Actions available for CLCACHE views

Action	Description
FORCEPURGE	Stop and delete the selected shared class cache. All tasks using pooled JVMs dependent on the shared class cache are terminated by the FORCEPURGE mechanism, and the pooled JVMs are terminated. No more JVMs can use the shared class cache, and it is deleted when all the pooled JVMs that were dependent on it have been terminated.
PHASEOUT	Stop and delete the selected shared class cache. All pooled JVMs using the shared class cache are marked for deletion. The JVMs are actually deleted when they finish running their current Java programs. No more JVMs can use the shared class cache, and it is deleted when all the pooled JVMs that were dependent on it have been terminated.
PURGE	Stop and delete the selected shared class cache. All tasks using pooled JVMs dependent on the shared class cache are terminated by the PURGE mechanism, and the pooled JVMs are terminated. No more JVMs can use the shared class cache, and it is deleted when all the pooled JVMs that were dependent on it have been terminated.

Table 150. Actions available for CLCACHE views (continued)

Action	Description
RELOAD	Reload the selected shared class cache. Perform this operation to create a new class cache when the status of the shared class cach is STARTED (the option works only if the shared class cache has been started). If newer versions of Java classes are available to be loaded, the new class cache uses them. However, pooled JVMs, both those that are already allocated to tasks and those that are allocated to tasks after you issue the command, continue to use the existing shared class cache and the old versions of the Java classes until the new shared class cache is ready. When the new shared class cache is ready, subsequent requests for pooled JVMs are given a pooled JVM that uses the new cache. These new pooled JVMs are started as they are requested by applications, and they replace the pooled JVMs that are using the old shared class cache. The pooled JVMs that are using the old shared class cache are allowed to finish running their current Java programs, and then they are terminated. The old shared class cache is deleted when all the pooled JVMs that are dependent on it have been terminated.
SET	Set the status of autostart for the shared class cache.
START	Start the selected shared class cache. Perform this operation to create a new class cache when the status of the shared class cache is STOPPED.

Fields

Table 151. Fields in CLCACHE views

Field	Attribute name	Description
Autostart status	AUTOSTARTST	The status of autostart for the shared class cache. The values are: • Enabled – If the shared class cache has been stopped or has not yet been started on this CICS execution, the shared class cache is started as soon as CICS receives a request to run a Java application in a JVM whose profile requires the use of the shared class cache. • Disabled – If the shared class cache has been stopped or has not yet been started on this CICS execution, an explicit PERFORM CLASSCACHE Start command is required to start it. If the status of the shared class cache is Stopped and autostart is disabled, and CICS receives a request to run a Java application in a JVM whose profile requires the use of the shared class cache, the request fails.
Amount in bytes of free space within the cache	CACHEFREE	The amount of free space in the shared class cache, in bytes.
Size of the class cache in bytes	CACHESIZE	If the status of the shared class cache is Starting or Started, this is the size of the current shared class cache. If the status of the shared class cache is the shared class cache is Reloading, this is the size of the new shared class cache that is being loaded.
JVM requests - class cache	JVMREQSCACHE	The total number of Java programs which requested a JVM that uses the shared class cache.
Number of class caches waiting for JVMs to terminate	OLDCACHES	The number of old shared class caches that are still present in the region because they are waiting for pooled JVMs that are dependent on them to be phased out. If the status of the current shared class cache is Stopped, and pooled JVMs are still dependent on it, then that shared class cache is included in the number of old shared class caches.
Peak pooled (class cache) JVMs	PEAKCACHEJVM	The peak number of JVMs in the JVM pool that used the shared class cache.
Number of JVMs being phased-out	PHASINGOUT	The number of pooled JVMs that are dependent on an old shared class cache, and are being phased out. If the status of the current shared class cache is Stopped, then any pooled JVMs that are still dependent on it are included in the number of pooled JVMs being phased out.

Table 151. Fields in CLCACHE views (continued)

Field	Attribute name	Description
Profile used to start or used to reload the cache	PROFILE	Applies only to releases earlier than CICS Transaction Server for z/OS Version 4 Release 1. PROFILE is obsolete in later releases. If the status of the shared class cache is Stopped, this displays the eight-character name of the JVM profile that will be used for a master JVM to start the shared class cache. If the status of the shared class cache is Started, Starting or Reloading, this displays the eight-character name of the JVM profile that was used for the last valid request to start or reload the shared class cache. This name is displayed even if the shared class cache fails to start or reload. The displayed JVM profile is used next time you issue the command to start or reload the shared class cache, unless you specify a different JVM profile using the Profile option.
JVM reuse status	REUSEST	For CICS TS 3.2 and later regions, the master JVM that initializes the shared class cache is always a continuous (reusable) JVM. This option indicates the reuse status of the master JVM as follows: • Reuse – The master JVM and pooled JVMs are continuous. • Reset – The master JVM and pooled JVMs are resettable. • Unknown – The class cache is not started. Although CICS cannot identify the reuse status in this situation, the status always becomes **Reuse** when the shared class cache is started.
The time that the class cache was started	STARTTIME	The date and time when the current shared class cache was started. This time is expressed as local time.
Class cache status	STATUS	The status of the current shared class cache. The values are: • Started – The class cache is ready, and it can be used by pooled JVMs. • Stopped – The class cache has either not been initialized on this CICS execution, or it has been stopped by a PERFORM CLASSCACHE Phaseout, Purge or Forcepurge command. If autostart is disabled, requests to run a Java application in a JVM whose profile requires the use of the shared class cache (that is, requests for pooled JVMs) will fail. • Starting – The shared class cache is being initialized, either through the autostart facility or because an explicit Start command was issued. While the shared class cache is starting, pooled JVMs that require the use of the shared class cache wait until the startup process is complete and the shared class cache is ready. If initialization of the shared class cache is unsuccessful, any waiting requests for pooled JVMs fail. • Reloading – A reload command has been issued, and a new shared class cache is being loaded to replace the existing shared class cache. While the shared class cache is reloading, pooled JVMs, both those that were already allocated to tasks and those that were allocated to tasks after the command was issued, continue to use the existing shared class cache until the new shared class cache is ready.
Number of JVMs dependent on the class cache	TOTALJVMS	The number of pooled JVMs in the CICS region that are dependent on a shared class cache. This includes both the pooled JVMs that are dependent on the current shared class cache, and any pooled JVMs that are dependent on an old shared class cache and are being phased out.

JVM status - JVM

The **JVM status** (JVM) views display information about pooled JVMs in the CICS address space.

Supplied views

To access from the main menu, click:

CICS operations views > Enterprise Java component operations views > JVM status

Table 152. Views in the supplied **JVM status** *(JVM) view set*

View	Notes
JVM status EYUSTARTJVM.DETAILED	Detailed information about a selected JVM.
JVM status EYUSTARTJVM.TABULAR	Tabular information about JVMs in the CICS address space.

Actions

None.

Fields

Table 153. Fields in JVM views

Field	Attribute name	Description
Number of seconds since the pooled JVM was initialised	AGE	The number of seconds since the pooled JVM was initialized.
Number of seconds pooled JVM has been allocated to task	ALLOCAGE	The number of seconds for which the pooled JVM has been allocated to its task, or zero if the JVM is not currently allocated to a task.
Class cache status	CLASSCACHEST	Whether the selected JVM is a pooled JVM dependent on the shared class cache. The values are: • CLASSCACHE - The JVM profile for this JVM specified the use of the shared class cache. • NOCLASSCACHE - The JVM profile for this JVM did not specify the use of the shared class cache.
Execution key of the pooled JVM	EXECKEY	The execution key for the selected pooled JVM. The values are: • CICSEXECKEY - The JVM executes in CICS key. • USEREXECKEY - The JVM executes in user key.
Java Virtual Machine	NAME	The JVM token, which uniquely identifies the pooled java virtual machine.
Phasing out status	PHASINGOUTST	Whether the pooled JVM has been marked for deletion. The values are: • PHASEOUT - The JVM is being phased out. • NOPHASEOUT - The JVM is not being phased out. It is available for allocation, or will be available for allocation when the current allocation is ended.
Profile used to initialise the pooled JVM	PROFILE	The JVM profile for the selected pooled JVM.
JVM reuse status	REUSEST	Whether or not the selected pooled JVM can be reused. For CICS TS 3.2 and later regions, the values are: • REUSE - The JVM is continuous. • NOREUSE - The JVM is single use.

Table 153. Fields in JVM views (continued)

Field	Attribute name	Description
Task to which the pooled JVM is allocated	TASK	The task to which the pooled JVM is allocated.

Exit operations views

The exit operations views show information about global and task-related user exits within the current context and scope.

Global user exits - EXITGLUE

The **Global user exits** (EXITGLUE) view shows information about installed CICS TS global user exits.

Supplied views

To access from the main menu, click:

CICS operations views > **Exit operations views** > **Global user exits**

Table 154. Views in the supplied **Global user exits** *(EXITGLUE) view set*

View	Notes
Global user exits EYUSTARTEXITGLUE.DETAILED	Detailed information about a specific global user exit.
Global user exits EYUSTARTEXITGLUE.TABULAR	Tabular information about currently installed global user exits.

Actions

None.

Fields

Table 155. Fields in EXITGLUE views

Field	Attribute name	Description
Entry address of global user exit	ENTRY	Specifies the entry address of the global user exit program.
Entry name	ENTRYNAME	Specifies the name of the global user exit program. The value can be the same as the name of the load module, however a different value is returned when the load module contains more than one exit program.
Exit name	EXITPOINT	Specifies the name of the CICS exit.
Name of exit which owns global work area	GAENTRYNAME	Specifies the name of the currently enabled global, or task-related, user exit program that owns the global work area being used by the exit specified in the entry name field. This field will not contain a value unless a global work area is being used and is owned by another exit program.
Length of global work area	GALENGTH	Specifies the length of the global work area for this exit program.
Number of global work area users	GAUSECOUNT	The number of exit programs that are using the global work area owned by this exit program.
Number of global exit points where exit is enabled	NUMEXITS	Specifies the number of global exit points where exit is enabled

Table 155. Fields in EXITGLUE views (continued)

Field	Attribute name	Description
Program name	PROGRAM	Specifies the name of the load module of the exit program.
Exit program availability status	STARTSTATUS	Identifies whether the exit program is available for execution. • STARTED - The exit program is available for execution. • STOPPED - The exit program is not available for execution.

FEPI operations views

The front-end programming interface (FEPI) views show information about FEPI connections, nodes, pools, property sets and targets within the current context and scope.

Connections - FEPICONN

The **FEPI connections** (FEPICONN) views display information about installed FEPI connections.

Supplied views

To access from the main menu, click:

CICS operations views > **FEPI operations views** > **Connections**

Table 156. Views in the supplied **FEPI connections** *(FEPICONN) view set*

View	Notes
FEPI connections EYUSTARTFEPICONN.ACQUIRE	Acquire a connection.
FEPI connections EYUSTARTFEPICONN.DETAILED	Detailed information about a selected FEPI connection.
FEPI connections EYUSTARTFEPICONN.INSERVICE	Place a connection in service.
FEPI connections EYUSTARTFEPICONN.OUTSERVICE	Take a connection out of service.
FEPI connections EYUSTARTFEPICONN.RELEASE	Release a connection.
FEPI connections EYUSTARTFEPICONN.SET	Set a FEPI connection attribute according to the new value you specify in an input field.
FEPI connections EYUSTARTFEPICONN.TABULAR	Tabular information about currently installed FEPI connections.

Actions

Table 157. Actions available for FEPICONN views

Action	Description
ACQUIRE	Acquire a connection.
INSERVICE	Place a connection in service.
OUTSERVICE	Take a connection out of service.
RELEASE	Release a connection.

Table 157. Actions available for FEPICONN views (continued)

Action	Description
SET	Set a FEPI connection attribute according to the new value you specify in an input field.

Fields

Table 158. Fields in FEPICONN views

Field	Attribute name	Description
Acquired status	ACQSTATUS	The acquire state; that is , whether a session on the connection is bound or not. Values are : ACQUIRED, ACQUIRING, RELEASED or RELEASING
Number of acquires	ACQUIRES	The total number of times the connection has been acquired
Number of characters received	CHARSRECVD	The total number of characters of data received on this connection
Number of characters sent	CHARSSENT	The total number of characters of data sent on this connection
Number of conversations	CONVERSATNS	The total number of conversations that have used this connection
Number of error conditions	ERRORS	The total number of VTAMB. error conditions raised for this connection
Connections install status	INSTLSTATUS	Specifies whether the resource is installed, or is in the process of being discarded, waiting for the conversations that are using it to end. Input values: INSTALLED, NOTINSTALLED
Sense code from last REQSESS request	LASTACQCODE	The result of the last acquire request for the connection; that is, the sense code from the last VTAM REQSESS, zero indicating success
Node name	NODENAME	The name of the node identifying a connection
Pool name	POOLNAME	The FEPI pool name
Number of receive timeouts	RECVTIMEOUT	The total number of times a FEPI RECEIVE timed-out on this connection
Connection service status	SERVSTATUS	Specifies the service status of the connection; that is, whether it can be used for a conversation. The service status can be INSERVICE to allow usage, or to OUTSERVICE to stop usage for any new conversation. Note that setting OUTSERVICE does not end any existing conversations that are using the resource; the status is GOINGOUT until the existing conversations end.

Table 158. Fields in FEPICONN views (continued)

Field	Attribute name	Description
Conversation status	STATE	A 12-character value identifying the state of the conversation using the connection. The values are: • APPLICATION - A normal application task owns the conversation • BEGINSESSION - A begin-session handling task owns the conversation • FREE - An end-session handling task owns the conversation, following a FEPI FREE command • NOCONV - No conversation is active on the connection • PENDBEGIN - A begin-session handling task has been scheduled • PENDDATA - FEPI is waiting for inbound data, following a FEPI START command • PENDFREE - An end-session handling task has been scheduled, following a FEPI FREE command • PENDPASS - The conversation is unowned, following a FEPI FREE PASS command • PENDRELEASE - An end-session handling task has been scheduled, following an unbind request • PENDSTART - Inbound data having arrived, a task specified by FEPI START has been scheduled • PENDSTSN - An STSN-handling task has been scheduled • PENDUNSOL - An unsolicited-data handling task has been scheduled • RELEASE - An end-session handling task owns the conversation, following an unbind request • STSN An STSN-handling task owns the conversation • UNSOLDATA - An unsolicited-data handling task owns the conversation
Target name	TARGETNAME	The target identifying the connection
Number of unsolicited inputs	UNSOLICINP	The total number of times unsolicited input was received on this connection
User data for connection	USERDATA	The user data for the connection
Number of conversations waiting for connection	WAITCONVNUM	The total number of conversations waiting for this connection

Nodes - FEPINODE

The **FEPI nodes** (FEPINODE) views display information about installed FEPI nodes.

Supplied views

To access from the main menu, click:

CICS operations views > FEPI operations views > Nodes

Table 159. Views in the supplied **FEPI nodes** *(FEPINODE) view set*

View	Notes
FEPI nodes EYUSTARTFEPINODE.ACQUIRE	Acquire a FEPI node.
FEPI nodes EYUSTARTFEPINODE.DETAILED	Detailed information about a selected FEPI node
FEPI nodes EYUSTARTFEPINODE.DISCARD	Discard a FEPI node

Table 159. Views in the supplied **FEPI nodes** *(FEPINODE) view set (continued)*

View	Notes
FEPI nodes EYUSTARTFEPINODE.INSERVICE	Place a FEPI node in service.
FEPI nodes EYUSTARTFEPINODE.OUTSERVICE	Take a FEPI node out of service.
FEPI nodes EYUSTARTFEPINODE.RELEASE	Releases a FEPI node.
FEPI nodes EYUSTARTFEPINODE.SET	Set a FEPI node attribute according to the new value you specify in an input field.
FEPI nodes EYUSTARTFEPINODE.TABULAR	Tabular information about currently installed FEPI nodes

Actions

Table 160. Actions available for FEPINODE views

Action	Description
ACQUIRE	Acquire a FEPI node.
DISCARD	Discard a FEPI node
INSERVICE	Place a FEPI node in service.
OUTSERVICE	Take a FEPI node out of service.
RELEASE	Releases a FEPI node.
SET	Set a FEPI node attribute according to the new value you specify in an input field.

Fields

Table 161. Fields in FEPINODE views

Field	Attribute name	Description
Number of node acquires	ACQNUM	The number of times the connection has been acquired
Acquired status	ACQSTATUS	The acquire state; that is, whether the VTAM ACB is opened or closed. Values are ACQUIRED, ACQUIRING, RELEASED or RELEASING
Node install status	INSTLSTATUS	The install state of the node: INSTALLED or NOTINSTALLED
Sense code from last REQSESS request	LASTACQCODE	The result of the last acquire request for the connection; that is, the sense code from the last VTAM REQSESS, zero indicating success
Node name	NODENAME	The name of the node identifying a connection
Node service status	SERVSTATUS	The service state of the node. The service status can be INSERVICE to allow usage, or to OUTSERVICE to stop usage for any new conversation. Note that setting OUTSERVICE does not end any existing conversations that are using the resource; the status is GOINGOUT until the existing conversations end.
User data for node	USERDATA	The user data for the node

Pools - FEPIPOOL

The **FEPI pools** (FEPIPOOL) views display information about installed FEPI pools.

Supplied views

To access from the main menu, click:

CICS operations views > FEPI operations views > Pools

Table 162. Views in the supplied **FEPI pools** *(FEPIPOOL) view set*

View	Notes
FEPI pools EYUSTARTFEPIPOOL.DELETE	Delete nodes and targets from a FEPI pool.
FEPI pools EYUSTARTFEPIPOOL.DETAILED	Detailed information about a selected FEPI pool
FEPI pools EYUSTARTFEPIPOOL.DISCARD	Discard a FEPI pool.
FEPI pools EYUSTARTFEPIPOOL.INSERVICE	Place a FEPI pool in service.
FEPI pools EYUSTARTFEPIPOOL.OUTSERVICE	Take a FEPI pool out of service.
FEPI pools EYUSTARTFEPIPOOL.SET	Set FEPI pool attributes according to new values specified in input fields.
FEPI pools EYUSTARTFEPIPOOL.TABULAR	Tabular information about currently installed FEPI pools

Actions

Table 163. Actions available for FEPIPOOL views

Action	Description
ADD	Add nodes and targets to a FEPI pool.
DELETE	Delete nodes and targets from a FEPI pool.
DISCARD	Discard a FEPI pool.
INSERVICE	Place a FEPI pool in service.
OUTSERVICE	Take a FEPI pool out of service.
SET	Set FEPI pool attributes according to new values specified in input fields.

Fields

Table 164. Fields in FEPIPOOL views

Field	Attribute name	Description
Begin-session transaction	BEGINSESSION	The name of the transaction performing begin-session processing, or blanks if no transaction was specified
Number of connections	CONNECTIONS	The number of connections in the pool
Begin-bracket contention resolution	CONTENTION	A data value specifying what happens when a FEPI SEND command is issued and there is inbound data with 'begin bracket'
Current number of allocates	CURALLCS	The number of conversations that have been allocated from this pool
Current number of allocates waiting	CURALLCWAIT	The current number of conversations waiting to be allocated

Table 164. Fields in FEPIPOOL views (continued)

Field	Attribute name	Description
Device type	DEVICE	A data value that identifies the mode of conversation and the type of device: T3278M2, T3278M3, T3278M4, T3278M5, T3279M2, T3279M3, T3279M4, T3279M5, TPS55M2, TPS55M3, TPS55M4, or LUP
End-session transaction	ENDSESSION	The name of the transaction performing end-session processing, or blanks if no transaction was specified
TDQ queue holding exceptions	EXCEPTIONQ	The name of the transient data queue to which exceptional events are notified, or blanks if no queue was specified.
Journal name	FJOURNALNAME	The name of the journal where data is to be logged
Journal number	FJOURNALNUM	The number of the journal where data is to be logged. If the journal does not have a number, 0 is displayed. A journal without a number will have a journal name
Data format option	FORMAT	A value that identifies the data format: FORMATTED, DATASTREAM or NOTAPPLIC
Initial inbound data status	INITIALDATA	A value indicating whether initial inbound data is expected when a session is started. Values are NOTINBOUND or INBOUND
Pool install status	INSTLSTATUS	The install state of the pool: INSTALLED, or NOTINSTALLED
Maximum length of returned data	MAXFLENGTH	The maximum length of the data that can be returned on any FEPI RECEIVE, CONVERSE, or EXTRACT FIELD command for a conversation, or that is to be sent by any FEPI SEND or CONVERSE command for a conversation
Message journalling status	MSGJRNL	A value indicating whether journaling is performed for inbound and outbound data. Values are: NOMSGJRNL, INPUT, OUTPUT, or INOUT
Number of nodes	NODES	The current number of nodes in the pool
Peak number of concurrent allocates	PEAKALLCS	The peak number of concurrent conversations allocated from this pool
Peak number of allocates waiting	PEAKALLCWAIT	The peak number of conversations that had to wait to be allocated
Peak number of connections	PEAKCONNS	The peak number of concurrent connections allocated from this pool
Pool name	POOLNAME	The name of the pool
Property set name	PROPERTYSET	The name of the set of properties with which the pool was installed
Pool service status	SERVSTATUS	The service state of the pool: INSERVICE, OUTSERVICE, or GOINGOUT Input values are: INSERVICE, OUTSERVICE
Set and test sequence-number (STSN) transaction	STSN	The name of the transaction handling STSN data, or blanks if no transaction was specified
Number of targets	TARGETS	The current number of targets in the pool
Total number of allocates that timed out	TOTALLOCTOUT	The number of conversation allocates that timed out
Total number of allocates that waited	TOTALLOCWAIT	The number of conversations that had to wait to be allocated
Unsolicited data transaction	UNSOLDATA	The name of the transaction handling unsolicited data, or blanks if no transaction was specified.
Unsolicited-data bid-acknowledgement	UNSOLDATACK	Indicates what acknowledgment FEPI gives to a BID if no unsolicited data processing. Values are: NEGATIVE, POSITIVE or NOTAPPLIC.
Pool user data	USERDATA	User data for the pool
Number of conversations waiting	WAITCONVNUM	The current number of conversations waiting to be allocated

Property sets - FEPIPROP

The **FEPI property sets** (FEPIPROP) views display information about installed FEPI property sets.

Supplied views

To access from the main menu, click:

CICS operations views > **FEPI operations views** > **Property sets**

Table 165. Views in the supplied **FEPI property sets** *(FEPIPROP) view set*

View	Notes
FEPI property sets EYUSTARTFEPIPROP.DETAILED	Detailed information about a selected FEPI property set.
FEPI property sets EYUSTARTFEPIPROP.DISCARD	Discard a property set.
FEPI property sets EYUSTARTFEPIPROP.TABULAR	Tabular information about currently installed FEPI property sets.

Actions

Table 166. Actions available for FEPIPROP views

Action	Description
DISCARD	Discard a property set.

Fields

Table 167. Fields in FEPIPROP views

Field	Attribute name	Description
Begin-session transaction	BEGINSESSION	The name of the transaction performing begin-session processing, or blanks if no transaction was specified
Contention resolution result	CONTENTION	A data value specifying what happens when a FEPI SEND command is issued and there is inbound data with 'begin bracket
Device type	DEVICE	A data value that identifies the mode of conversation and the type of device. Values are: T3278M2, T3278M3, T3278M4, T3278M5, T3279M2, T3279M3, T3279M4, T3279M5, TPS55M2, TPS55M3, TPS55M4, or LUP
End-session transaction	ENDSESSION	The name of the transaction performing end-session processing, or blanks if no transaction was specified
TDQ queue holding exceptions	EXCEPTIONQ	The name of the transient data queue to which exceptional events are notified, or blanks if no queue was specified
Journal name	FJOURNALNAME	The name of the journal where data is to be logged
Journal number	FJOURNALNUM	The number of the journal where data is to be logged. If the journal does not have a number, 0 is displayed. A journal without a number will have a journal name.
Data format	FORMAT	A value that identifies the data format. Values are: FORMATTED, DATASTREAM or NOTAPPLIC
Initial-inbound-data option	INITIALDATA	A value indicating whether initial inbound data is expected when a session is started. Values are : NOTINBOUND or INBOUND

Table 167. Fields in FEPIPROP views (continued)

Field	Attribute name	Description
Maximum length of returned data	MAXFLENGTH	The maximum length of the data that can be returned on any FEPI RECEIVE, CONVERSE, or EXTRACT FIELD command for a conversation, or that is to be sent by any FEPI SEND or CONVERSE command for a conversation
Journal status	MSGJRNL	A value indicating whether journaling is performed for inbound and outbound data. Values are: NOMSGJRNL, INPUT, OUTPUT or INOUT
Property set name	PROPERTYSET	The name of the property set
Set and test sequence numbers (STSN) transaction	STSN	The name of the transaction handling STSN data, or blanks if no transaction was specified
Unsolicited data transaction	UNSOLDATA	The name of the transaction handling unsolicited data, or blanks if no transaction was specified.
Unsolicited data response	UNSOLDATACK	Indicates what acknowledgment FEPI gives to a BID if no unsolicited data processing. Values are: NEGATIVE, POSITIVE, or NOTAPPLIC

Targets - FEPITRGT

The **FEPI targets** (FEPITRGT) views displays information about installed FEPI targets.

Supplied views

To access from the main menu, click:

CICS operations views > **FEPI operations views** > **Targets**

Table 168. Views in the supplied **FEPI targets** *(FEPITRGT) view set*

View	Notes
FEPI targets EYUSTARTFEPITRGT.DETAILED	Detailed information about a selected FEPI target
FEPI targets EYUSTARTFEPITRGT.DISCARD	Discard a FEPI target.
FEPI targets EYUSTARTFEPITRGT.INSERVICE	Place a FEPI target in service.
FEPI targets EYUSTARTFEPITRGT.OUTSERVICE	Take a FEPI target out of service.
FEPI targets EYUSTARTFEPITRGT.SET	Set a FEPI target attribute according to the new value you specify in an input field.
FEPI targets EYUSTARTFEPITRGT.TABULAR	Tabular information about currently installed FEPI targets

Actions

Table 169. Actions available for FEPITRGT views

Action	Description
DISCARD	Discard a FEPI target.
INSERVICE	Place a FEPI target in service.

Table 169. Actions available for FEPITRGT views (continued)

Action	Description
OUTSERVICE	Take a FEPI target out of service.
SET	Set a FEPI target attribute according to the new value you specify in an input field.

Fields

Table 170. Fields in FEPITRGT views

Field	Attribute name	Description
Total number of allocates	ALLOCATES	The number of conversation allocates to this target in this pool that timed out
VTAM applid of back end system	APPLID	The VTAM application name of the back-end system that the target system represents
Current number of allocates waiting	CURALLCWAIT	The current number of conversations waiting to be allocated to this target in this pool
Install status	INSTLSTATUS	The install state of the pool: INSTALLED, or NOTINSTALLED
Number of nodes	NODES	The number of nodes connected to this target
Peak number of allocates waiting	PEAKALLCWAIT	The peak number of conversations that had to wait to be allocated to this target in this pool
Pool name	POOLNAME	The name of the pool in which the target is located
Service status	SERVSTATUS	The service state of the target. Values are: INSERVICE, OUTSERVICE or GOINGOUT
Target name	TARGETNAME	The name of the target
Total number of allocates that timed out	TOTALLOCTOUT	The number of conversations specifically allocated to this target in this pool that timed out
Total number of allocates that waited	TOTALLOCWAIT	The number of conversations that had to wait to be allocated to this target in this pool
Target user data	USERDATA	User data for the target

File operations views

The file operations views display information about CICS files and data tables within the current context and scope. Information is available about local shared resource (LSR) pools, and for all types of CICS files, including local and remote files, and files that have CICS- or user-maintained data tables associated with them. The information provided in file views can vary depending on when you issue the view command. If a file is closed, for example, much of the information reflects the state the file will be in the next time it is opened. If a file has never been opened, some information is not available, so you receive default or null values; these values may change once the file is opened. The term data table file means a file that has a CICS- or user-maintained data table associated with it. Data set name fields such as DSNAME, and file name fields such as LOCFILE and REMFILE are case-sensitive. When entering data set and file names into the CICSPlex SM interfaces (API and WUI), ensure that you enter the data in the correct case. In releases prior to CICS TS 3.2, the data set names and file names are automatically converted to upper case.

Coupling facility data table pools - CFDTPOOL

The **Coupling facility data tables pools** (CFDTPOOL) views display information about coupling facility data table pools.

Supplied views

To access from the main menu, click:

CICS operations views > File operations views > Coupling facility data table pools

Table 171. Views in the supplied **Coupling facility data table pools** *(CFDTPOOL) view set*

View	Notes
Coupling facility data table pools EYUSTARTCFDTPOOL.DETAILED	Detailed information about a selected coupling facility data tables pool
Coupling facility data table pools EYUSTARTCFDTPOOL.TABULAR	Tabular information about currently installed coupling facility data tables pools

Actions

None.

Fields

Table 172. Fields in CFDTPOOL views

Field	Attribute name	Description
Connection status	CONNSTATUS	Indicates the connection status of the pool: • CONNECTED – The server for the coupling facility data table pool is available, and this CICS is currently connected to it • UNCONNECTED – The server for the coupling facility data table pool is available, but this CICS is not currently connected to it • UNAVAILABLE – The server for the coupling facility data table pool is currently unavailable
Pool name	NAME	The specific or generic name of a currently available coupling facility data table pool

Managed data tables - CMDT

The **Managed data tables** (CMDT) views display information about files that have CICS or user-maintained data tables, or coupling facility data tables, associated with them. The data presented is from the perspective of the file associated with the data table.

Supplied views

To access from the main menu, click:

CICS operations views > File operations views > Managed data tables

Table 173. Views in the supplied **Managed data tables** *(CMDT) view set*

View	Notes
Managed data tables EYUSTARTCMDT.CLOSE	Close the data table file with one of the following options: • Wait – Wait to perform the close action until the data table file is no longer in use. • Nowait – Do not perform the close action if the data table file is in use. • Force – Close the data table file immediately, even if it is in use. When a data table file has been enabled by the Open action, Close disables the file.
Managed data tables EYUSTARTCMDT.DETAIL1	Detailed information about a selected data table file's table details.
Managed data tables EYUSTARTCMDT.DETAIL2	Detailed information about a selected data table file's data set details.
Managed data tables EYUSTARTCMDT.DETAIL3	Detailed information about the resource signature.
Managed data tables EYUSTARTCMDT.DETAILED	Detailed information about a selected data table file.
Managed data tables EYUSTARTCMDT.DISABLE	Disable the data table file with one of the following options: • Wait – Wait to perform the disable action until the data table file is no longer in use. • Nowait – Do not perform the disable action if the data table file is in use. • Force – Disable the data table file immediately, even if it is in use.
Managed data tables EYUSTARTCMDT.DISCARD	Discard a data table file from the CICS system where it is installed.
Managed data tables EYUSTARTCMDT.ENABLE	Enable a data table file.
Managed data tables EYUSTARTCMDT.OPEN	Open a data table file. When the data table file has been disabled by the Close action, Open enables the file.
Managed data tables EYUSTARTCMDT.SET	Set data table file attributes according to new values specified in input fields
Managed data tables EYUSTARTCMDT.TABULAR	Tabular information about files with data tables associated with them.

Actions

Table 174. Actions available for CMDT views

Action	Description
CLOSE	Close the data table file with one of the following options: • Wait – Wait to perform the close action until the data table file is no longer in use. • Nowait – Do not perform the close action if the data table file is in use. • Force – Close the data table file immediately, even if it is in use. When a data table file has been enabled by the Open action, Close disables the file.
DISABLE	Disable the data table file with one of the following options: • Wait – Wait to perform the disable action until the data table file is no longer in use. • Nowait – Do not perform the disable action if the data table file is in use. • Force – Disable the data table file immediately, even if it is in use.
DISCARD	Discard a data table file from the CICS system where it is installed.
ENABLE	Enable a data table file.
OPEN	Open a data table file. When the data table file has been disabled by the Close action, Open enables the file.
SET	Set data table file attributes according to new values specified in input fields

Fields

Table 175. Fields in CMDT views

Field	Attribute name	Description
Add option	ADD	Indicates whether new records can be added to the data table file. Input Values: ADDABLE, NOTADDABLE
Number of WRITE requests	ADDCNT	The number of PUT requests issued against this data table file
Number of records added to table by READ requests	ADDFRREAD	The number of records placed in the data table file by the loading process or as a result of API READ requests issued while loading was in progress
Number of add requests rejected by user exit	ADDREJ	The number of records CICS attempted to add to the data table file that were rejected by the global user exit
Number of records added from WRITE requests	ADDREQ	The number of attempts to add records to the data table file as a result of API WRITE requests
Number of add requests rejected when table full	ADDTFULL	The number of records CICS attempted to add to the data table file that were rejected because the table already contained the maximum allowable number of records
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Browse option	BROWSE	Indicates whether records in the data table file can be browsed. Input Values: BROWSABLE, NOTBROWSABLE
Number of READNEXT and READPREV requests	BROWSECNT	The number of GET NEXT and GET PREV requests issued against this data table file

Table 175. Fields in CMDT views (continued)

Field	Attribute name	Description
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • TABLE - The resource was last changed by a CICSPlex table definition. • SYSTEM - The resource was last changed by the CICS or CICSPlex SM system. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Number of CFDT contentions	CONTENTION	The number of times a read from a Data Table resulted in a contention arising on the CFDT Server
Current number of records in data table file	CURCOUNT	The current number of records in the data table file
Data set type	DATASETTYPE	The type of data set associated with this data table file as one of the following options: • B - BDAM data set • E - VSAM entry-sequenced data set (ESDS) • K - VSAM key-sequenced data set (KSDS) • P - VSAM path accessed by an alternate index • R - VSAM relative record data set (RRDS)
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
Delete option	DELETE	Indicates whether records can be deleted from the data table file. Input Values: DELETABLE, NOTDELETABLE
Number of DELETE requests	DELETEREQ	The number of attempts to delete records from the data table file as a result of DELETE requests
Number of I/O operations on data component	DEXCPCNT	The number of I/O operations on the data table file for data records
Disposition of associated data set	DISPOSITION	The disposition of the data table file. Input Values: OLD, SHARE
Data set name	DSNAME	The 44-character name of the data set associated with this data table file, as defined to the access method and to the operating system. Input Values: Any valid data set name

Table 175. Fields in CMDT views (continued)

Field	Attribute name	Description
Enablement status	ENABLESTATUS	Indicates whether the data table file is available for access by application programs. The status will be one of the following options: • ENABLED - Available for access. • DISABLED - Not available for access, as a result of a disable command. • DISABLING - Still being accessed after a disable or close command. • UNENABLED - Not available for access, as a result of a close command. • UNENABLING - A request to close the file has been received, but tasks are executing that had previously accessed the file. These tasks are allowed to complete their use of the file, but new tasks are not allowed access.
File ID	FILE	The name of the data table file
Forward recovery option	FWDRECSTATUS	Indicates whether the data table file is forward-recoverable. Values are FWDRECOVABLE or NOTFWDRCVBLE
Number of READ requests	GETCNT	The number of GET requests issued against this data table file
Number of READ UPDATE requests	GETUPDCNT	The number of GET UPDATE requests issued against this data table file
GMT file close time	GMTFILECLS	The GMT store clock time at which the data table file was closed.
GMT file open time	GMTFILEOPN	The GMT store clock time at which the data table file was opened
Number of I/O operations on index component	IEXCPCNT	The number of I/O operations on the data table file for index records.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • TABLE - The resource was last installed by a CICSPlex table definition. • SYSTEM - The resource was last installed by the CICS system. • GRPLIST - The resource was installed by GRPLIST INSTALL.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Journal number	JOURNALNUM	The identifier of the journal associated with this data table file. An ID of 1 identifies the CICS system log. A value of 0 means there is no journal associated with this data table file
Key length	KEYLENGTH	The length of the key
Key position	KEYPOSITION	The starting position of the key field in each record relative to the beginning of the record
CFDT load type	LOADTYPE	The Load specification for the data set associated with this Table (actioned by CFTABLE only): • NOLOAD - No data set load is required. • LOAD - The associated data set is to be loaded into the table when it is first opened • NOTAPPLIC - Not applicable.
Number of DELETE requests	LOCDELCNT	The number of DELETE requests issued against this data table file
LSR Pool number	LSRPOOLID	The identifier of the local shared resources (LSR) pool associated with this data table file. Input Values: 1 - 255

Table 175. Fields in CMDT views (continued)

Field	Attribute name	Description
Maximum number of records table can hold	MAXNUMRECS	This is maximum number of records that the data table file can hold in the range from 0 to 99,999,999. A value of 0 implies that the table has no logical limit to its size, although in practical terms there is an architectural system limit of 2,147,483,647. Care should be taken when specifying 'NOLIMIT', because a transaction in a runaway task state will not be prevented from filling up storage in the Coupling Facility Dataspace. Input Values: 0 - 99,999,999
Maximum table size	MAXTSIZE	The highest number of records in the data table file at any one time
Number of active strings	NUMACTSTRING	The number of currently active VSAM strings
Number of data buffers	NUMDATBUFF	The number of storage buffers allocated for data.
Number of index buffers	NUMINDEXBUFF	The number of storage buffers allocated for the index
Number of active string waits	NUMSTRINGWT	The number of VSAM active string wait
Open status	OPENSTATUS	Indicates whether the data table file is open, closed, or in transition. Input Values: OPEN, CLOSED
CFDT pool name	POOLNAME	For MVS Coupling Facility Data Tables, this is the name of CFDT Pool which the table is constructed in
Read option	READ	Indicates whether records can be read from the data table file Input Values: READABLE, NOTREADABLE
Number of READ retries	READRETRY	The number of times READs in an AOR had to be retried because the FOR changed the table during the read
Number of successful READs	READS	The number of attempts to retrieve records from the data table file that were successful
Total number of records not found in table	RECNOTFND	The number of times API READ requests were directed to the source data set because the record was not found in the data table file.
Record format	RECORDFORMAT	The format of the records in the data table file: Values are: FIXED, VARIABLE, or UNDEFINED
Record size	RECORDSIZE	For fixed-length records, the actual size of a record. For variable-length records, the maximum size of a record
Recovery type	RECOVSTATUS	Indicates whether the data table file is recoverable. Values are: RECOVERABLE or NOTRECOVABLE
Number of REWRITE requests	REWRITE	The number of attempts to update records in the data table file as a result of REWRITE requests
Total storage in use (kilobytes)	STGALCINU	The amount of storage in use for the data table file in kilobytes
Total storage allocated (kilobytes)	STGALCTOT	The total amount of storage allocated to the data table file in kilobytes
Storage in use for record data (kilobytes)	STGDTAINU	The amount of storage in use for the data table file's record data in kilobytes
Storage allocated for record data (kilobytes)	STGDTATOT	The total amount of storage allocated for the data table file's record data in kilobytes
Storage in use for record entry blocks (KB)	STGENTINU	The amount of storage in use for the data table file's record entry blocks in kilobytes
Storage allocated for record entry blocks (KB)	STGENTTOT	The total amount of storage allocated for the data table file's record entry blocks in kilobytes
Storage in use for index (kilobytes)	STGIDXINU	The amount of storage in use for the data table file index in kilobytes
Storage allocated for index (kilobytes)	STGIDXTOT	The total amount of storage allocated for the data table file index in kilobytes

Table 175. Fields in CMDT views (continued)

Field	Attribute name	Description
Number of strings	STRINGS	The total number of operations that can be performed on the data table file at one time. Input Values: 1 - 255
Type of data table	TABLE	Indicates whether the data table associated with the file is a CICS-maintained, user-maintained, or CF-maintained table. Valid values are: • CICSTABLE • USERTABLE • CFTABLE • NOTTABLE To change the Table Type attribute requires that the file be in a CLOSED state, with an ENABLESTATUS of either DISABLED or UNENABLED, and they do not take effect until the file is next opened
CFDT table name	TABLENAME	For MVS Coupling Facility Data Tables, this is the name of CFDT Table which the file is loaded into
Local time file was closed	TIMECLOSE	The local time at which the data table file was closed
Local time file was opened	TIMEOPEN	The local time at which the data table file was opened
Update option	UPDATE	Indicates whether records in the data table file can be updated. Input Values: UPDATABLE, NOTUPDATABLE
Number of REWRITE requests	UPDATECNT	The number of PUT UPDATE requests issued against this data table file
CFDT update model	UPDATEMODEL	The type of update model that is associated with the file: • LOCKING - The coupling facility data table is updated using the locking model. • CONTENTION - The coupling facility data table is updated using the contention model. • NOTAPPLIC - The file does not refer to a coupling facility data table and UPDATEMODEL on the file resource definition does not specify a value. The Load specification for the data set associated with this Table (actioned by CFTABLE only): • NOLOAD - No data set load is required. • LOAD - The associated data set is to be loaded into the table when it is first opened.
Type of VSAM data set	VSAMTYPE	The type of data set associated with this data table file as one of the following options: • ESDS - VSAM entry-sequenced data set • KSDS - VSAM key-sequenced data set • RRDS - VSAM relative record data set • VRRDS - Variable relative record data set A value of NOTAPPLIC is returned if the data table file is not open.
Peak concurrent requests queued - strings in use	WSTRCCURCNT	The peak number of concurrent requests queued - strings in use
Total requests queued because strings in use	WSTRCNT	The total number of requests queued because strings are in use

Physical data sets for files - DSNAME

The **Physical data sets for files** (DSNAME) views display information about data sets associated with installed CICS files.

Supplied views

To access from the main menu, click:

CICS operations views > File operations views > Physical data sets for files

Table 176. Views in the supplied **Physical data sets for files** *(DSNAME) view set*

View	Notes
Physical data sets for files EYUSTARTDSNAME.DETAILED	Detailed information about a selected data set
Physical data sets for files EYUSTARTDSNAME.TABULAR	Tabular information about currently installed data sets

Actions

None.

Fields

Table 177. Fields in DSNAME views

Field	Attribute name	Description
Access method	ACCESSMETHOD	The access method used with this data set: BDAM, VSAM, or NOTAPPLIC.
Availability status	AVAILABILITY	For VSAM data sets, indicates whether or not the data set is available. Input Values: AVAILABLE, UNAVAILABLE, RREPL
Type of backup	BACKUPTYPE	Indicates the type of backup used for this data set. Values are: • DYNAMIC - The data set is eligible for 'backup-while-open' (BWO) processing; that is, a data set manager with the required function can take a backup of the data set while it is open for output. The data set can also be backed up while it is closed. The data set is eligible for BWO and it is accessed in non-RLS mode. If the data set is opened in RLS mode, you need to look in the VSAM catalog to find out whether the data set is eligible for BWO. NOTAPPLIC is returned as the BACKUPTYPE for data sets opened RLS mode. • NOTAPPLIC - The data set has not been opened by the CICS region in which the command is issued, or the data set is BDAM or a VSAM PATH. Also, if the data set has been opened in RLS mode, NOTAPPLIC is returned. The VSAM catalog should be referred to get the BWO status. • STATIC - The data set is accessed in non-RLS mode, and is not eligible for BWO processing. All CICS files open for output against this data set must be closed before a data set manager, can take a backup copy. • UNDETERMINED - Returned for base files if RECOVSTATUS is UNDETERMINED.
Base data set name	BASEDSNAME	For a VSAM path, the name of the base data set with which the path is associated. For a VSAM base data set, this name is the same as the primary data set name.
Backout status	BKOUTSTATUS	For VSAM data sets, indicates the backout status of the data set as one of: NORMALBKOUT, FAILEDBKOUT , FAILINGBKOUT, or NOTAPPLIC
Data set name	DSNAME	The name of the data set.
Number of file definitions that reference data set	FILECOUNT	The number of different file definitions that currently refer to this data set name. This value does not indicate whether any of the files have used the data set during this CICS session.

Table 177. Fields in DSNAME views (continued)

Field	Attribute name	Description
Journal number	FWDRECOVLOG	For VSAM data sets with a recovery status of FWDRECOVABLE, the ID of the journal that is used to log updates.
Forward recovery log stream name	FWDRECOVLSN	For VSAM data sets with a recovery status of FWDRECOVABLE, the ID of the journal that is used to log updates.
Replication Logging	LOGREPSTATUS	For VSAM data sets, indicates whether this data set has been defined to have replication logging. Valid values are: LOGREPLICATE, NOLOGREPLICA, NOTAPPLIC
Lost locks status	LOSTLOCKS	Indicates whether there are lost locks for this data set. The valid values are: • NOLOSTLOCKS - The data set has no lost locks. • REMLOSTLOCKS - .The data set has lost locks. • RECOVERLOCKS - The data set has lost locks and therefore is unavailable. • NOTAPPLIC - This is not an RLS data set, or the data set has not been opened by the CICS region in which the command is issued.
Data set type	OBJECT	For VSAM data sets, indicates whether this data set is a base data set containing records (BASE), a path to another data set (PATH), or (NOTAPPLIC) if the dataset has not been opened by this CICS region, or if it is a BDAM dataset.
Record level sharing (RLS) quiesce state	QUIESCESTATE	The RLS quiesce state of the data set. The information is obtained from the ICF catalog entry for the data set. Valid input values are: • Quiesced - A data set has been quiesced. RLS ACBs cannot open against the data set and no CICS region has an RLS ACB currently open against this data set. However, the data set can be opened in non-RLS mode. • Unquiesced - This is the normal value for a data set that is not quiescing or has not been quiesced. It indicates that RLS or non-RLS ACBs can be opened against the data set, the mode being established by the first open. After an ACB is opened in one mode, other ACBs can be opened only in the same mode.
Recovery status	RECOVSTATUS	Indicates the recovery characteristics of the data set as follows: • FWDRECOVABLE - All updates to the data set are logged for both backout and forward recovery • NOTAPPLIC - This is a BDAM data set or a VSAM path, or the data set has not been opened by the CICS region in which the command is issued. • NOTRECOVABLE - Updates to the data set are not logged. • RECOVERABLE - All updates to the data set are logged for backout. • UNDETERMINED - The recovery status is unknown because no files associated with this data set have been opened, or because the only files opened were defined as coupling facility data tables or as user-maintained data tables (where the recovery attributes are independent of the associated data set).
Retained record locks status	RETLOCKS	Indicates whether or not there are any retained locks as a result of deferred recovery work for this data set. Valid values are: RETAINED, NORETAINED and NOTAPPLIC.
Data set validity status	VALIDITY	For VSAM data sets, indicates whether the data set name has been validated against the VSAM catalog by opening a file against that data set (VALID or INVALID). If this value is INVALID, the recovery status of the data set cannot be determined.

Local files - LOCFILE

The **local files** (LOCFILE) views display information about local files in active CICS systems being managed by CICSPlex SM.

Supplied views

To access from the main menu, click:

CICS operations views > File operations views > Local files

Table 178. Views in the supplied **Local files** *(LOCFILE) view set*

View	Notes
Local files EYUSTARTLOCFILE.CLOSE	Close a local file. You can set the **Busy value** to WAIT, NOWAIT or FORCE.
Local files EYUSTARTLOCFILE.DETAIL3	Detailed information about the resource signature.
Local files EYUSTARTLOCFILE.DETAILED	Detailed information about a selected local file.
Local files EYUSTARTLOCFILE.DISABLE	Disable a local file.
Local files EYUSTARTLOCFILE.DISCARD	Discard a local file.
Local files EYUSTARTLOCFILE.ENABLE	Enable a local file.
Local files EYUSTARTLOCFILE.OPEN	Open a local file.
Local files EYUSTARTLOCFILE.SET	Set attributes according to the new values specified in input fields.
Local files EYUSTARTLOCFILE.TABULAR	Tabular information about local files in CICS systems.

Actions

Table 179. Actions available for LOCFILE views

Action	Description
CLOSE	Close a local file. You can set the **Busy value** to WAIT, NOWAIT or FORCE.
DISABLE	Disable a local file.
DISCARD	Discard a local file.
ENABLE	Enable a local file.
OPEN	Open a local file.
SET	Set attributes according to the new values specified in input fields.

Fields

Table 180. Fields in LOCFILE views

Field	Attribute name	Description
Access method	ACCESSMETHOD	The access method used for this file: BDAM or VSAM
Add option	ADD	Indicates whether new records can be added to the file Input Values: ADDABLE, NOTADDABLE
Number of WRITE requests	ADDCNT	The number of PUT requests issued against this local file.

Table 180. Fields in LOCFILE views (continued)

Field	Attribute name	Description
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Base data set name	BASEDSNAME	For a file defined to CICS as a path, the name of the VSAM base data set. For a file defined as a base, this name is the same as the primary data set name.
Block format (BDAM only)	BLOCKFORMAT	Indicates whether records on the file are blocked or unblocked
Block key length (BDAM only)	BLOCKKEYLN	For BDAM files, the physical block key length as a decimal number in the range 1 - 255. A value of N/A means the file is not a BDAM file.
Block size (BDAM only)	BLOCKSIZE	For BDAM files, the length of a block in bytes. If the blocks are variable-length or are undefined, the value displayed is the maximum block size. A value of N/A means the file is not a BDAM file.
Browse option	BROWSE	Indicates whether records can be sequentially retrieved from the file. Input Values: BROWSABLE, NOTBROWSABLE
The number of READNEXT and READPREV requests	BROWSECNT	The number of READNEXT and READPREV requests issued against the file.
Number of browse for update requests	BROWUPDCNT	The number of GET NEXT, GET PREV, and PUT UPDATE requests issued against this local file.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • TABLE - The resource was last changed by a CICSPlex table definition. • SYSTEM - The resource was last changed by the CICS or CICSPlex SM system. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Data set type	DATASETTYPE	Indicates how the records are organized in the data set associated with the file. For VSAM files, the type is identified as one of the following: • ESDS - Entry-sequenced data set • KSDS - Key-sequenced data set • RRDS - Relative record data set For BDAM files, the type is either KEYED or NOTKEYED. A value of NOTAPPLIC is returned if the file is not open
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.

Table 180. Fields in LOCFILE views (continued)

Field	Attribute name	Description
Delete option	DELETE	For VSAM files, indicates whether records can be deleted from the file. Input Values: DELETABLE, NOTDELETABLE
Number of I/O operations for data records	DEXCPCNT	For VSAM files, the number of I/O operations on the file for data records.
Disposition of file	DISPOSITION	The disposition of the file. Input Values: OLD, SHARE
Data set name	DSNAME	The name of the data set
Empty status	EMPTYSTATUS	For VSAM files, indicates whether the data set is to be made empty the next time a file that references it is opened (EMPTYREQ or NOEMPTYREQ). This option is valid only for data sets that have been defined as reusable and defined to be used in non-RLS mode. Input Values: EMPTYREQ, NOEMPTYREQ
Enablement status	ENABLESTATUS	Indicates whether the local file is available for access by application programs. The status will be one of the following: • ENABLED - Available for access. • DISABLED - Unavailable as a result of a SET DISABLED command. • DISABLING - Still being accessed after a SET DISABLED or SET CLOSED command. • UNENABLED - Unavailable as a result of a SET CLOSED command. • UNENABLING - A request to close the file has been received, but tasks are executing that had previously accessed the file. These tasks are allowed to complete their use of the file, but new tasks are not allowed access. Input Values: ENABLED, DISABLED
BDAM exclusive control status	EXCLUSIVE	For BDAM files, indicates whether records on the file are placed under exclusive control when a read for update is issued Input Values: EXCTL, NOEXCTL, NOTAPPLIC
File ID	FILE	The name of the file.
Forward recovery option	FWDRECSTATUS	Indicates, for VSAM files, whether the file is forward-recoverable (FWDRECOVABLE or NOTFWDRCVBLE).
Number of READ requests	GETCNT	The number of GET requests issued against this local file.
Number of READ UPDATE requests	GETUPDCNT	The number of GET UPDATE requests issued against this local file.
GMT file close time	GMTFILECLS	The time at which the file was closed.
GMT file open time	GMTFILEOPN	The time at which the file was opened.
Number of I/O operations against index component	IEXCPCNT	For VSAM files, the number of I/O operations on the file for index records.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • TABLE - The resource was last installed by a CICSPlex table definition. • SYSTEM - The resource was last installed by the CICS system. • GRPLIST - The resource was installed by GRPLIST INSTALL. • BUNDLE - The resource was installed by a bundle.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.

Table 180. Fields in LOCFILE views (continued)

Field	Attribute name	Description
Journal number	JOURNALNUM	The ID of the journal associated with this file, in the range 1 - 99. An ID of 1 identifies the CICS system log. A value of 0 means no automatic journaling is being done because JID=NO was specified in the FCT entry.
Key length	KEYLENGTH	For local files associated with a VSAM KSDS, the length of the key. For local files associated with a BDAM data set, the length of the logical key used for deblocking. A value of 0 is returned if the file is not open.
Key position	KEYPOSITION	The starting position of the key field in each record relative to the beginning of the record. A value of 0 is returned if the file is not open.
Number of DELETE requests	LOCDELCNT	The number of DELETE requests issued against this local file.
LSR Pool number	LSRPOOLID	For VSAM files, the number of the LSR pool associated with the file. A value of 0 means the file must not share buffers. A value of N/A means the file is not a VSAM file. Input Values: 0 - 255
Number of active strings	NUMACTSTRING	The current number of updates to the file.
Number of data buffers	NUMDATBUFF	The number of buffers to be used for data.
Number of index buffers	NUMINDEXBUFF	The number of buffers to be used for the index.
Current number of string waits	NUMSTRINGWT	The current number of requests that are queued because all the strings available to the file were in use
Data set type (base or path)	OBJECT	For VSAM files, indicates whether the file is related to a base data set (BASE) or is defined as a path that is accessed by means of an alternate index (PATH).
Open status	OPENSTATUS	Indicates whether the file is open, closed, or in transition. The values are: OPEN, CLOSED, OPENING, CLOSING, CLOSEREQUEST. Input Values: OPEN, CLOSED
Type of VSAM extended addressing	RBATYPE	Indicates whether, for VSAM files, the data set uses extended addressing. The values are: • EXTENDED - This VSAM data set uses extended relative byte addressing and therefore can hold more than 4 gigabytes of data. • NOTAPPLIC - One of the following is true: – The data set is BDAM. – The file is remote. – The file is not open. • NOTEXTENDED - This VSAM data set does not use extended relative byte addressing and therefore cannot hold more than 4 gigabytes of data.
Read option	READ	Indicates whether records can be read from the file. Input Values: READABLE, NOTREADABLE
Default level of read integrity	READINTEG	The default level of read integrity active for the file, if a read integrity option is not explicitly coded on an API FILE READ command. The levels are: • UNCOMMITTED - There is no read integrity specified for this file. • CONSISTENT - Read requests for this file are subject to consistent read integrity (unless otherwise specified on the read request). • REPEATABLE - Read Requests for this file are subject to repeatable read integrity (unless otherwise specified on the read request). • NOTAPPLIC - Read integrity is not applicable for this file.

Table 180. Fields in LOCFILE views (continued)

Field	Attribute name	Description
Record format	RECORDFORMAT	The format of the records on the file (FIXED, VARIABLE, or UNDEFINED).
Record size	RECORDSIZE	For fixed-length records, the actual size of a record. For variable-length records, the maximum size of a record. A value of 0 is returned if the file is not open.
Recovery status	RECOVSTATUS	Indicates whether the file is recoverable (RECOVERABLE or NOTRECOVABLE).
Relative addressing type (BDAM only)	RELTYPE	For BDAM files, indicates whether relative or absolute addressing is used to access the file, and if relative, what type of relative addressing is being used in the block reference portion of the file's record identification field. The type is identified as one of the following: • BLK - Relative block addressing • DEC - Zoned decimal format • HEX - Hexadecimal relative track and record format • NOTAPPLIC - Absolute addressing is being used or the file is a VSAM file
Record level sharing (RLS) file access mode	RLSACCESS	Indicates whether a file is accessed in RLS mode. The values are: • RLS - The file refers to a data set accessed in RLS mode. • NOTRLS - The file refers to a data set accessed in non-RLS mode. • NOTAPPLIC - The file is not eligible to be accessed in RLS mode. Input Values: RLS, NOTRLS
Record level sharing (RLS) request wait timeouts	RLSREQWTTO	The number of RLS file requests that have timed out while awaiting request completion from the VSAM RLS server.
Number of strings	STRINGS	For VSAM files, the number of concurrent operations that can be performed on the file. A value of N/A means the file is not a VSAM file. Input Values: 1 - 255
Local time file was closed	TIMECLOSE	The local time at which the file was closed.
Local time file was opened	TIMEOPEN	The local time at which the file was opened.
Update option	UPDATE	Indicates whether records in the file can be updated. Input Values: UPDATABLE, NOTUPDATABLE
Number of REWRITE requests	UPDATECNT	The number of PUT UPDATE requests issued against this local file.
Type of VSAM data set	VSAMTYPE	Indicates how the records are organized in the data set associated with this file. For VSAM files, the type is identified as one of the following: • ESDS - Entry-sequenced data set • KSDS - Key-sequenced data set • RRDS - Relative record data set • VRRDS - Variable relative record data set For BDAM files, the type is either KEYED or NOTKEYED. A value of NOTAPPLIC is returned if the file is not open.
Peak number of tasks waiting for a string	WSTRCCURCNT	The peak number of requests that were queued at any one time because all the strings available to the file were in use.
Total requests queued because all strings in use	WSTRCNT	The total number of requests that were queued because all the strings available to the file were in use.

VSAM LSR pool buffers - LSRPBUF

The **VSAM LSR pool buffers** (LSRPBUF) views display information about buffer usage for VSAM local shared resource (LSR) pools.

Supplied views

To access from the main menu, click:

CICS operations views > File operations views > VSAM LSR pool buffers

Table 181. Views in the supplied **VSAM LSR pool buffers** *(LSRPBUF) view set*

View	Notes
VSAM LSR pool buffers EYUSTARTLSRPBUF.DETAILED	Detailed information about a selected LSR pool buffer
VSAM LSR pool buffers EYUSTARTLSRPBUF.TABULAR	Tabular information about LSR pool buffers in CICS systems

Actions

None.

Fields

Table 182. Fields in LSRPBUF views

Field	Attribute name	Description
Number of buffers	COUNT	The number of buffers of each size that are available to the pool.
Number of successful CREAD requests	CREADS	The number of successful CREAD requests issued to transfer data from Hiperspace buffers to virtual buffers.
Number of successful CWRITE requests	CWRITES	The number of successful CWRITE requests issued to transfer data from virtual buffers to Hiperspace buffers.
Number of failed CREAD requests	FAILCREADS	The number of CREAD requests for buffers that failed. MVS withdrew the space and VSAM had to read data from DASD.
Number of failed CWRITE requests	FAILCWRITES	The number of CWRITE requests for buffers that failed. There was insufficient Hiperspace and VSAM had to write data to DASD.
Number of Hiperspace buffers	HIPERBUFF	The number of Hiperspace buffers specified for the pool.
Number of lookaside buffer reads	LOOKASIDES	The number of READ requests that VSAM was able to satisfy without initiating a physical I/O operation.
Number of non user-initiated buffer writes	NONUWRITE	The number of non-user initiated WRITE I/Os from the buffers.
Pool number	POOL	The identifying number of the pool. This value may be in the range 1 through 255.
Pool number/buffer size/buffer type	POOLSIZETYPE	The pool number, buffer size and buffer type
Number of buffer reads	READS	The number of READ I/Os to the buffers that VSAM was required to initiate because the buffer control interval could not be found.
Buffer size	SIZE	The size of the buffers that are available to the pool
Buffer usage	TYPE	Indicates how the buffer is used, as one of the following: • D - .Data buffer • I - Index buffer • B - Both data and index
Number of user-initiated buffer writes	USERIWRITE	The number of user-initiated WRITE I/Os from the buffers.

VSAM LSR pools - LSRPOOL

The **VSAM LSR pools** (LSRPOOL) views display information about VSAM local shared resource (LSR) pools.

Supplied views

To access from the main menu, click:

CICS operations views > File operations views > VSAM LSR pools

Table 183. Views in the supplied **VSAM LSR pools** *(LSRPOOL) view set*

View	Notes
VSAM LSR pools EYUSTARTLSRPOOL.DETAILED	Detailed information about a selected LSR pool
VSAM LSR pools EYUSTARTLSRPOOL.TABULAR	Tabular information about LSR pools in CICS systems

Actions

None.

Fields

Table 184. Fields in LSRPOOL views

Field	Attribute name	Description
Local create time	CREATETIME	Indicates when the LSR pool was created, in local time.
Number of successful lookasides to data buffers	DBLOOKASIDE	The number of READ requests for data buffers that VSAM was able to satisfy without a physical I/O operation.
Number of non user-initiated data buffer writes	DBNUWRITE	The number of non-user initiated WRITE I/Os from data buffers for the pool.
Number of read I/Os to data buffers	DBREAD	The number of READ I/Os to data buffers that VSAM was required to initiate because the buffer control interval could not be found.
Number of data buffers	DBUFFCNT	The number of data buffers being used by the pool.
Number of user-initiated data buffer writes	DBUIWRITE	The number of user-initiated WRITE I/Os from data buffers for the pool.
Number of successful data buffer CREAD requests	DCREAD	The number of successful CREAD requests issued to transfer data from Hiperspace data buffers to virtual data buffers.
Number of successful data buffer CWRITE requests	DCWRITE	The number of successful CWRITE requests issued to transfer data from virtual data buffers to Hiperspace data buffers.
Local delete time	DELETETIME	Indicates when the LSR pool was deleted, in local time. A value is displayed only if the LSR pool has been deleted, which means all the files that were using the pool have been closed.
Number of failed data buffer CREAD requests	DFAILCREAD	The number of CREAD requests for data buffers that failed. MVS withdrew the space and VSAM had to read data from DASD.
Number of failed data buffer CWRITE requests	DFAILCWRITE	The number of CWRITE requests for data buffers that failed. There was insufficient Hiperspace and VSAM had to write data to DASD.
Number of Hiperspace data buffers	DHIPERBUF	The number of Hiperspace data buffers specified for the pool.
GMT create time	GMTCRETIME	Indicates when the LSR pool was created, in Greenwich Mean Time (GMT).
GMT delete time	GMTDELTIME	Indicates when the LSR pool was deleted, in Greenwich Mean Time (GMT). A value is displayed only if the LSR pool has been deleted, which means all the files that were using the pool have been closed.

Table 184. Fields in LSRPOOL views (continued)

Field	Attribute name	Description
Number of lookaside index buffer reads	IBLOOKASIDE	The number of READ requests for index buffers that VSAM was able to satisfy without a physical I/O operation.
Number of non user-initiated index buffer writes	IBNUWRITE	The number of non-user initiated WRITE I/Os from index buffers for the pool.
Total number of index buffer reads	IBREADS	The number of READ I/Os to index buffers that VSAM was required to initiate because the buffer control interval could not be found.
Number of index buffers	IBUFFCNT	The number of index buffers being used by the pool.
Number of user-initiated index buffer writes	IBUIWRITE	The number of user-initiated WRITE I/Os from index buffers for the pool.
Number of successful index buffer CREAD requests	ICREAD	The number of successful CREAD requests issued to transfer data from Hiperspace index buffers to virtual index buffers.
Number of successful index buffer CWRITE requests	ICWRITE	The number of successful CWRITE requests issued to transfer data from virtual index buffers to Hiperspace index buffers.
Number of Hiperspace index buffers	IDHIPERBUF	The number of Hiperspace index buffers specified for the pool.
Separate data and index flag	IDXDATFLG	Indicates whether data and index buffers use separate pools (X'80') or share the same pool (X'00').
Number of failed index buffer CREAD requests	IFAILCREAD	The number of CREAD requests for index buffers that failed. MVS withdrew the space and VSAM had to read data from DASD.
Number of failed index buffer CWRITE requests	IFAILCWRITE	The number of CWRITE requests for index buffers that failed. There was insufficient Hiperspace and VSAM had to write data to DASD.
LSR pool number	LSRPOOLID	The numeric LSR pool number in the range of 1 - 255.
Peak number of concurrent active strings	MAXCCURSTR	The maximum number of strings that were active at any one time.
Maximum key length	MAXKEYLEN	The length of the largest key of a VSAM data set that can use the LSR pool.
Peak number of requests waiting	PEAKWAITREQ	The maximum number of requests that were queued at any one time because all the strings in the pool were in use.
Total number of strings	TOTSTRINGS	The total number of strings that are available to the LSR pool.
Total number of string waits	TOTWAITREQ	The total number of requests that were queued because all the strings in the pool were in use.

Remote files - REMFILE

The **Remote files** (REMFILE) views display information about remote CICS files. Remote files are files that are defined to the local CICS system, but reside in another CICS system.

Supplied views

To access from the main menu, click:

CICS operations views > **File operations views** > **Remote files**

Table 185. Views in the supplied **Remote files** *(REMFILE) view set*

View	Notes
Remote files EYUSTARTREMFILE.DETAIL1	Detailed information about the resource signature.
Remote files EYUSTARTREMFILE.DETAILED	Detailed information about a selected remote file.

Table 185. Views in the supplied **Remote files** *(REMFILE) view set (continued)*

View	Notes
Remote files EYUSTARTREMFILE.DISCARD	Discard a remote file from the local CICS system.
Remote files EYUSTARTREMFILE.TABULAR	Tabular information about remote files in CICS systems.

Actions

Table 186. Actions available for REMFILE views

Action	Description
DISCARD	Discard a remote file from the local CICS system.

Fields

Table 187. Fields in REMFILE views

Field	Attribute name	Description
Number of WRITE requests	ADDCNT	The number of PUT requests issued against this remote file.
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
The number of READNEXT and READPREV requests	BROWSECNT	The number of READNEXT and READPREV requests issued against the file.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • TABLE - The resource was last changed by a CICSPlex table definition. • SYSTEM - The resource was last changed by the CICS or CICSPlex SM system. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.

Table 187. Fields in REMFILE views (continued)

Field	Attribute name	Description
Enable status	ENABLESTATUS	Indicates whether the remote file is available for access by application programs. The status will be one of the following: • ENABLED - Available for access. • DISABLED - Unavailable for access as a result of a SET DISABLED command. • DISABLING - Still being accessed after a SET DISABLED or SET CLOSED command. • UNENABLED - Unavailable for access as a result of a SET CLOSED command. • NOTAPPLIC - The file is a remote file.
File ID	FILE	The name of the file as known to the local CICS system.
Number of READ requests	GETCNT	The number of GET requests issued against this remote file.
Number of READ UPDATE requests	GETUPDCNT	The number of GET UPDATE requests issued against this remote file.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • TABLE - The resource was last installed by a CICSPlex table definition. • SYSTEM - The resource was last installed by the CICS system. • GRPLIST - The resource was installed by GRPLIST INSTALL.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Key length	KEYLENGTH	For remote files associated with a VSAM KSDS, the length of the key. For remote files associated with a BDAM data set, the length of the logical key used for deblocking.
Number of DELETE requests	REMDELCNT	The number of DELETE requests issued against this remote file.
Remote file name	REMOTENAME	The name by which this file is known in the remote system.
Remote system name	REMOTESYSTEM	The name of the CICS system where the remote file resides.
Number of REWRITE requests	UPDATECNT	The number of PUT UPDATE requests issued against this remote file.

Topology data for file - CRESFILE

The **Topology data for file** (CRESFILE) views display topology information about an instance of a file within a CICS system.

Supplied views

To access from the main menu, click:

CICS operations views > File operations views > Topology data for file

Table 188. Views in the supplied **Topology data for file** *(CRESFILE) view set*

View	Notes
Topology data for file EYUSTARTCRESFILE.DETAILED	Detailed topology information about an instance of a file within a CICS system.
Topology data for file EYUSTARTCRESFILE.TABULAR	Tabular topology information about an instance of a file within a CICS system.

Actions

None.

Fields

Table 189. Fields in CRESFILE views

Field	Attribute name	Description
Data set name	DSNAME	The name of the data set associated with this file.
Enabled status	ENABLESTATUS	The enabled status of the transient data queue, which indicates whether it is available for use. Options are: ENABLED, DISABLED, UNENABLED, DISABLING, UNENABLING
File type	FTYPE	The type of file: • LFILE - Local file • RFILE - Remote file • CTABL - CICS data table • UTABL - User data table • CFTBL - Coupling facility data table
Monitoring status	MONSTAT	The status of CICS monitoring in the system. This is a BIT field, the value of which is the sum of a combination of the following values: • 01 - Possible data • 02 - Collect data • 04 - User monitor definition • 08 - System monitor definition • 16 - Resource logically deleted • 32 - Resource status facility active A value of '00' indicates that monitoring is inactive in this system.
File	NAME	The name of the file.
Open status	OPENSTATUS	Indicates whether the file is to be closed or opened in the CICS region. Options are: OPEN, OPENING, CLOSED, CLOSING, CLOSEREQUEST
File name on remote system	REMOTENAME	The name by which this file is known in the remote system.
Remote system ID	REMOTESYSTEM	The system ID of the remote CICS system where the file resides.
Version number	VER	The version number of the resource.

Journal operations views

The journal operations views show information about journal models, system and general logs, and log streams within the current context and scope.

Models - JRNLMODL

The **Journal models** (JRNLMODL) views display information about installed journal models and corresponding log stream names.

Supplied views

To access from the main menu, click:

CICS operations views > **Journal operations views** > **Models**

Table 190. Views in the supplied **Journal models** *(JRNLMODL) view set*

View	Notes
Journal models EYUSTARTJRNLMODL.DETAIL1	Detailed information about the resource signature.
Journal models EYUSTARTJRNLMODL.DETAILED	Detailed information about a selected journal model
Journal models EYUSTARTJRNLMODL.DISCARD	Discard a journal model from the CICS system where it is installed.
Journal models EYUSTARTJRNLMODL.TABULAR	Tabular information about journal models installed in CICS systems

Actions

Table 191. Actions available for JRNLMODL views

Action	Description
DISCARD	Discard a journal model from the CICS system where it is installed.

Fields

Table 192. Fields in JRNLMODL views

Field	Attribute name	Description
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • GRPLIST - The resource was installed by GRPLIST INSTALL.
Installation time	INSTALLTIME	The local date and time when the definition was installed.

Table 192. Fields in JRNLMODL views (continued)

Field	Attribute name	Description
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Journal model name	JOURNALMODEL	The name of the journal model.
Journal name	JOURNALNAME	The name of the journal.
MVS log stream name	STREAMNAME	The MVS log stream name associated with the journal model.
Log stream type	TYPE	The type of log stream associated with the journal model.

Names - JRNLNAME

The **Journal names** (JRNLNAME) views display information about the system log and general logs.

Supplied views

To access from the main menu, click:

CICS operations views > Journal operations views > Names

Table 193. Views in the supplied **Journal names** *(JRNLNAME) view set*

View	Notes
Journal names EYUSTARTJRNLNAME.DETAILED	Detailed information about a selected journal
Journal names EYUSTARTJRNLNAME.DISCARD	Discard a journal name from the CICS system where it is installed.
Journal names EYUSTARTJRNLNAME.FLUSH	Write out the contents of the log buffers to the log stream. The journal is not closed.
Journal names EYUSTARTJRNLNAME.RESET	Disconnect a journal from its log stream. The journal can be reopened by a journal write.
Journal names EYUSTARTJRNLNAME.SET	Set journal name attributes according new value specified in input fields
Journal names EYUSTARTJRNLNAME.TABULAR	Tabular information about journals installed in CICS systems

Actions

Table 194. Actions available for JRNLNAME views

Action	Description
DISCARD	Discard a journal name from the CICS system where it is installed.
FLUSH	Write out the contents of the log buffers to the log stream. The journal is not closed.
RESET	Disconnect a journal from its log stream. The journal can be reopened by a journal write.
SET	Set journal name attributes according new value specified in input fields

Fields

Table 195. Fields in JRNLNAME views

Field	Attribute name	Description
Journal name	JOURNALNAME	The 8 character journal name.
Number of buffer flush requests	NUMBUFLUSH	The number of times a journal block was written to the MVS log stream or SMF log.
Total number of bytes written	NUMBYTES	The total number of bytes written to the journal.
Number of journal writes	NUMWRITES	The number of times a journal record was written to the journal.
Journal status	STATUS	The status of the journal: DISABLED, ENABLED, or FAILED.
MVS log stream name	STREAMNAME	For MVS type journals, the log stream name associated with the journal.
Log stream type	TYPE	The type of journal: MVS, SMF, or DUMMY.

MVS log stream names - STREAMNM

The **MVS log streams** (STREAMNM) views display information about currently connected MVS log streams.

Supplied views

To access from the main menu, click:

CICS operations views > **Journal operations views** > **MVS log stream names**

Table 196. Views in the supplied **MVS log streams** *(STREAMNM) view set*

View	Notes
MVS log streams EYUSTARTSTREAMNM.DETAILED	Detailed information about a selected MVS log stream
MVS log streams EYUSTARTSTREAMNM.TABULAR	Tabular information about MVS log streams in active CICS systems

Actions

Table 197. Actions available for STREAMNM views

Action	Description
GET	Set attributes according to new values specified in input fields.
SET	Set attributes according new values specified in input fields.

Fields

Table 198. Fields in STREAMNM views

Field	Attribute name	Description
Auto-delete option	AUTODEL	Indicates whether data on the log stream is subject to automatic deletion after the expiry of the retention period (YES or NO).
Number of reads from log	BRWREAD	The number of read requests to the log stream.
Number of log browse starts	BRWSTRT	The number of browse requests started on the log stream.
Number of buffer append requests	BUFAPPNDRQ	The number of times a journal record was successfully appended to the current log stream buffer.
Number of waits due to buffer being full	BUFFWAIT	The number of times a journal record could not be appended to the current log stream because the buffers were logically full.

Table 198. Fields in STREAMNM views (continued)

Field	Attribute name	Description
Total number of bytes written	BYTES	The total number of bytes written to the log stream.
Current number of tasks waiting for buffer flush	CUFWTRS	The current number of tasks suspended while waiting for a flush of the log stream buffer.
DASD-only option	DASDONLY	Indicates whether the log stream is a DASD-only log stream (YES or NO).
Number of log-tail deletes	DELETES	The number of delete requests to the log stream.
Activity keypoint frequency	LGGAKPFREQ	The current activity keypoint trigger value, which is the number of logging operations between the taking of keypoints
Number of activity keypoints taken	LGGAKPSTKN	The number of activity keypoints taken
Log deferral interval	LGGLGDEFER	The current log deferral interval, which is the period of time used by CICS Log Manager when determining how long to delay a forced journal write request before invoking the MVS system logger.
Logstream query count	LGSQUERIES	The number of queries that CICS made to check the status of the log stream.
Maximum block size	MAXBLK	The maximum block size supported by this log stream.
Peak number of tasks waiting for buffer flush	PKFWTRS	The maximum number of tasks suspended at any one time while waiting for a flush of the log stream buffer.
Data retention period (days)	RETPD	The retention period in days for data held on this log stream.
Number of retryable errors	RETRYERRS	The number of times MVS system logger retryable errors occurred while data was being written to the log stream.
Rate of writes to log	RWRITES	The rate of writes to the log
Log stream status	STATUS	The status of the log stream (OK or FAILED).
Coupling facility structure	STRCNAME	The name of the coupling facility structure that holds this log stream.
MVS log stream	STREAMNAME	The MVS system logger log stream name.
System log indicator	SYSTEMLOG	Indicates whether the log stream is the system log.
Total number of tasks that waited for buffer flush	TFCWAIT	The total number of tasks suspended while waiting for a flush of the log stream buffer.
Number of journals and forward recovery logs	USECOUNT	The number of CICS journals and forward recovery logs that are currently using the log stream.
Number of write requests	WRITES	The number of write requests to the log stream.

Program operations views

The program operations views show information about programs and the data set being used (both static DFHRPL and dynamic LIBRARY data sets) within the current context and scope.

Programs - PROGRAM

The **Programs** (PROGRAM) views display information about currently installed programs.

Supplied views

To access from the main menu, click:

CICS operations views > **Program operations views** > **Programs**

Table 199. Views in the supplied **Programs** *(PROGRAM) view set*

View	Notes
Programs EYUSTARTPROGRAM.DETAIL1	Detailed information about the resource signature.
Programs EYUSTARTPROGRAM.DETAILED	Detailed information about a selected program.
Programs EYUSTARTPROGRAM.DISABLE	Disable a program.
Programs EYUSTARTPROGRAM.DISCARD	Discard a program from the CICS system where it is installed. **Note:** Programs that have names beginning with DFH are supplied by CICS and cannot be disabled or discarded.
Programs EYUSTARTPROGRAM.ENABLE	Enable a program.
Programs EYUSTARTPROGRAM.NEWCOPY	CICS is to use a new copy of the program when the program ceases to be in use by any transaction. (You can determine whether a module is in use from the RESCOUNT option in an INQUIRE PROGRAM command. A value of zero means the program is not in use.) It is possible for CICS to replace the program with the new version during a single transaction, at a point when one use of the program has completed, and a subsequent use has yet to start. 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. Note: NEWCOPY cannot be specified for a program specified with the HOLD option, or for a Java program that runs in a JVM. Use the PERFORM JVMPOOL TERMINATE command to refresh Java programs.
Programs EYUSTARTPROGRAM.PHASEIN	Load a new copy of the program now for all new transaction requests. CICS continues to use the old copy for all currently running transactions until they have finished (RESCOUNT equal to 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. Note: PHASEIN cannot be specified for a program specified with the HOLD option, or for a Java program that runs in a JVM. Use the PERFORM JVMPOOL TERMINATE command to refresh Java programs. PHASEIN performs a REFRESH PROGRAM function to inform the loader domain that a new version of the program has been cataloged and that this version of the named program should be used in all future ACQUIRE requests. Until the program goes to a zero RESCOUNT and a subsequent ACQUIRE PROGRAM has been performed, CEMT INQUIRE PROGRAM ( ) will return information on the first copy of the program.
Programs EYUSTARTPROGRAM.RELEASE	Release a program previously loaded by a LOAD command. This means that the issuing task can no longer use the resource unless another LOAD is issued.
Programs EYUSTARTPROGRAM.SET	Set program attributes according to new values specified in input fields.

Table 199. Views in the supplied **Programs** *(PROGRAM) view set (continued)*

View	Notes
Programs EYUSTARTPROGRAM.TABULAR	Tabular information about currently installed programs.

Actions

Table 200. Actions available for PROGRAM views

Action	Description
DISABLE	Disable a program.
DISCARD	Discard a program from the CICS system where it is installed. **Note:** Programs that have names beginning with DFH are supplied by CICS and cannot be disabled or discarded.
ENABLE	Enable a program.
GET	(Optional) Specify the name of the platform from which installed programs should be displayed.
NEWCOPY	CICS is to use a new copy of the program when the program ceases to be in use by any transaction. (You can determine whether a module is in use from the RESCOUNT option in an INQUIRE PROGRAM command. A value of zero means the program is not in use.) It is possible for CICS to replace the program with the new version during a single transaction, at a point when one use of the program has completed, and a subsequent use has yet to start. 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. Note: NEWCOPY cannot be specified for a program specified with the HOLD option, or for a Java program that runs in a JVM. Use the PERFORM JVMPOOL TERMINATE command to refresh Java programs.
PHASEIN	Load a new copy of the program now for all new transaction requests. CICS continues to use the old copy for all currently running transactions until they have finished (RESCOUNT equal to 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. Note: PHASEIN cannot be specified for a program specified with the HOLD option, or for a Java program that runs in a JVM. Use the PERFORM JVMPOOL TERMINATE command to refresh Java programs. PHASEIN performs a REFRESH PROGRAM function to inform the loader domain that a new version of the program has been cataloged and that this version of the named program should be used in all future ACQUIRE requests. Until the program goes to a zero RESCOUNT and a subsequent ACQUIRE PROGRAM has been performed, CEMT INQUIRE PROGRAM ( ) will return information on the first copy of the program.
RELEASE	Release a program previously loaded by a LOAD command. This means that the issuing task can no longer use the resource unless another LOAD is issued.
SET	Set program attributes according to new values specified in input fields.

Fields

Table 201. Fields in PROGRAM views

Field	Attribute name	Description
Average load time	ALOADTIME	The mean time taken for program load requests.

Table 201. Fields in PROGRAM views (continued)

Field	Attribute name	Description
API status	APIST	Specifies the application programming interface restriction status. • CICSAPI - The program is restricted to use of the CICS application programming interfaces. CICS determines whether the program runs on the quasi-reentrant (QR) TCB, or on another TCB. This depends upon the value of the CONCURRENCY attribute in the PROGRAM resource definition. If the program is defined as threadsafe it may run on whichever TCB, in use by CICS at the time, is determined as suitable. • OPENAPI - The program is not restricted to the CICS application programming interfaces. CICS executes the program on its own open TCB dependent upon the value of the EXECKEY attribute in the PROGRAM resource definition. If, while executing a CICS command, CICS requires a switch to the QR TCB, it returns to the open TCB before handing control back to the application program. OPENAPI requires the program to be coded to threadsafe standards and be defined with CONCURRENCY(REQUIRED).
Application Name	APPLICATION	The application name of the application for which this program is defined. If the OPERATION field is set, this program is defined as an entry point.
Major Version	APPLMAJORVER	The major version number of the application for which this program is defined. If the OPERATION field is set, this program is defined as an entry point.
Micro Version	APPLMICROVER	The micro version number of the application for which this program is defined. If the OPERATION field is set, this program is defined as an entry point.
Minor Version	APPLMINORVER	The minor version number of the application for which this program is defined. If the OPERATION field is set, this program is defined as an entry point.
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
CEDF status	CEDFSTATUS	The CEDF status of the program, which determines whether or not CEDF actions are enabled (CEDF or NOCEDF). A value of NOTAPPLIC is returned for remote programs, maps and partition sets. Input Values: CEDF, NOCEDF
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • SYSTEM - The resource was last changed by the CICS or CICSPlex SM system. • AUTOINSTALL - The resource was last autoinstalled. • DYNAMIC - The resource was last changed dynamically. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.

Table 201. Fields in PROGRAM views (continued)

Field	Attribute name	Description
COBOL type	COBOLTYPE	The type of COBOL being used, as one of the following: • COBOL - OS/VS COBOL • COBOLII - Enterprise COBOL or VS COBOL II • NOTINIT - The program is defined as a COBOL program, but it has not yet been loaded, so the type cannot be determined. • NOTAPPLIC - The program has been loaded and it is not a COBOL program, or the program has not been loaded and it is not defined as a COBOL program.
Concurrency option	CONCURRENCY	Specifies the concurrency attribute of the program. • QUASIRENT - The program is defined as being quasi-reeentrant, and is able to run only under the CICS QR TCB. • THREADSAFE - The program is defined as threadsafe, and is able to run under whichever TCB is in use when the program is given control. This could be either an open TCB or the CICS QR TCB. The program must be coded to threadsafe standards. • REQUIRED - The program is required to run on an open TCB. The type of open TCB used depends on the setting of the Application program interface attribute and the language of the program. – For Java programs a T8, J8 or J9 is used. J8 and J9 TCBs are obsolete from CICS Transaction Server 5.1 onwards. – For C or C++ XPLINK programs an X8 or X9 is used. – For Cobol, Pli, non-xplink C and assembler programs if CICSAPI is set, an L8 TCB is always used as CICS services run in CICS key or USER key regardless of the key of the TCB. If OPENAPI is set, then an L8 or an L9 TCB is used dependent upon the execution key of the program. The program must be coded to threadsafe standards.
Newcopy required status	COPY	The COPY status of the program, which determines whether or not a new copy of the program is required. A value of N/A is returned for CICS releases that do not support this field.
CICS DSA in which current copy is located	CURRENTLOC	The location of that copy of the program that is currently resident in storage, if any (CDSA, LPA, ECDSA, EUDSA, ERDSA, ELPA, UDSA, ESDSA, RDSA, or SDSA). A value of NOCOPY means no copy of the program is currently loaded.
Data location	DATALOCATION	Indicates whether the program can accept data addresses higher than 16MB: • ANY - Can accept an address above 16MB. • BELOW - Requires an address below 16MB. • NOTAPPLIC - This option is not available; the program is defined as remote, is a map set, or is a partition set.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
Dynamic routing type	DYNAMSTATUS	The DYNAMIC routing status of the program. If DYNAMIC then it can be dynamically routed by the CICS dynamic routing exit. If NOTDYNAMIC then it cannot be routed by the CICS dynamic routing exit.
Program entry point	ENTRYPOINT	The entry point address of the most recently loaded copy of the program. The high order bit of the address (hexadecimal 80) is set on if the program is defined with AMODE=31. A value of FF000000 means the program is not currently in use, or is a remote program, or is a Java program that runs in a JVM.

Table 201. Fields in PROGRAM views (continued)

Field	Attribute name	Description
Program execution key	EXECKEY	The access key in which the program is executing: • CICSEXECKEY - The program executes in CICS key and has read and write access to both CICS-key and user-key storage. • USEREXECKEY. - The program executes in user key and has write access to user-key storage, but read-only access to CICS key storage. • NOTAPPLIC - This option is not available; either the program is defined as remote, or it is a map set or partition set.
API subset restriction type	EXECUTIONSET	Indicates whether the program is restricted to the API subset when running in the local CICS system: • DPLSUBSET - The program is restricted to the same subset of the CICS API that applies when it is linked to by a distributed program link (DPL) request. • FULLAPI - The program is not restricted to the DPL subset of the CICS API; it can use the full API. • NOTAPPLIC - This option is not available; either the program is defined as remote, or it is a map set or partition set. Input Values: DPLSUBSET, FULLAPI
Number of times program loaded into storage	FETCHCNT	The number of times a copy of the program was loaded from the DFHRPL or LIBRARY concatenation into storage during the current CICS statistics interval.
Total time for all program fetches	FETCHTIME	The total time taken to perform all fetches of the program during the current CICS statistics interval.
Hold status	HOLDSTATUS	Indicates whether a copy of the program is currently loaded with the HOLD option (HOLD or NOHOLD). A value of NOTAPPLIC means either the program is not currently loaded, or it is a remote program.
Hot pooling status	HOTPOOLING	The HOTPOOLING option is obsolete.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • SYSTEM - The resource was last installed by the CICS system. • AUTOINSTALL - The resource was autoinstalled. • DYNAMIC - The resource was installed dynamically. • GRPLIST - The resource was installed by GRPLIST INSTALL. • BUNDLE - The resource was installed by a bundle deployment.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Java virtual machine class	JVMCLASS	This is the hyperlink to the PROGRAMJ panel, which details the contents of the JVM Class specification, and allows its modification.
Java virtual machine (JVM) debug status	JVMDEBUG	The JVMDEBUG option is obsolete, and CICS always returns NODEBUG if JVMDEBUG is specified.
Java virtual machine (JVM) profile name	JVMPROFILE	This is obsolete from CICS TS Version 5 Release 1. The name of the JVM profile. The default value is DFHJVMPR.
Java virtual machine (JVM) server	JVMSERVER	The name of the JVMSERVER resource used by this PROGRAM.
Language	LANGUAGE	The language in which the program is written (COBOL, C, PLIPL1 (for PLI or PL1), LE370, LEVSE, ASSEMBLER, or JAVA). A value of NOTDEFINED is returned if the language was not specified in the resource definition. When the program is eventually loaded, the language is deduced and this value will then be used. A value of NOTAPPLIC is returned for remote programs, maps and partition sets.

Table 201. Fields in PROGRAM views (continued)

Field	Attribute name	Description
Program length	LENGTH	The length of the program in bytes. A value of 0 means the program has not been loaded in the current CICS session. A value of N_A means it is a remote program, or a Java program that runs in a JVM.
LIBRARY name	LIBRARY	The name of the LIBRARY resource from which this program was loaded. This will be blank if the program has not been loaded, or if the LPASTATUS is LPA (indicating that the program has been loaded from the LPA).
Load data set name	LIBRARYDSN	The name of the data set from which this program was loaded. This will be blank if the program has not been loaded, or if the LPASTATUS is LPA (indicating that the program has been loaded from the LPA).
Program load point	LOADPOINT	The load address of the most recently loaded copy of the program. A value of FF000000 means the program is not currently in use, or is a Java program that runs in a JVM.
Link pack area (LPA) status	LPASTAT	Indicates where the most recently loaded copy of the program was taken from: • LPA - CICS used a version in either the link pack area (LPA) or the extended link pack area (ELPA). • NOTLPA - CICS used a private version. • NOTAPPLIC - CICS has not used an LPA version, or a private version of the program.
Number of NEWCOPY requests issued	NEWCOPYCNT	The number of times a NEWCOPY request has been issued against this program during the current CICS statistics interval.
Operation Name	OPERATION	The name of the application operation for which this program is defined as an entry point. If this field is not set, this program is not defined as an entry point but may still be part of an application.
Number of times JVM program used since last reset	PGRJUSECOUNT	If this program is a Java program, the number of times it was accessed during the current CICS statistics interval.
Platform Name	PLATFORM	The platform name of the application for which this program is defined. If the OPERATION field is set, this program is defined as an entry point.
Program name	PROGRAM	The name of the program.
Program type	PROGTYPE	The type of program, as one of the following: • MAP - A map set. • PARTITION - A partition set. • PROGRAM - An executable program.
Program name in remote system	REMOTENAME	The name by which the program is known in the remote CICS system, if a remote system was defined. If this field is blank, no remote system was defined.
Remote system name	REMOTESYSTEM	The name of a remote CICS system to which a link request for this program is shipped. If this field is blank, no remote system was defined.
Number of times removed by program compression	REMOVECNT	The number of times a copy of this program has been removed from storage by the Dynamic Program Storage Compression (DPSC) facility during the current CICS statistics interval.
Number of times program currently accessed	RESCOUNT	The number of separate invocations of this program that are currently taking place. A value of N/A means it is a remote program, or a Java program that runs in a JVM.
Program residency	RESIDENCY	The residence status of the program, indicating whether or not the program is permanently resident in virtual storage once loaded.
Rate of program loading	RLOADING	The rate at which the program is loaded.
Data set offset number	RPLID	The offset into the DFHRPL DD program library concatenation. **Note:** The offset values begin with zero for the first partitioned data set in the concatenation.
Rate of program removal	RREMOVAL	The rate at which the program is removed.

Table 201. Fields in PROGRAM views (continued)

Field	Attribute name	Description
Runtime environment information	RUNTIME	Specifies information about the Runtime environment for a program. Users may SET values of: • JVM - The program is a Java program that will run in a Java Virtual Machine. • NOJVM - The program will execute as a CICS application outside the JVM environment. If a value of NOJVM is specified, then this will be resolved to one of the following reported settings, based on the current application state: • LE370 - The program will run with LE370 runtime support. • NONLE370 - The program will run with a language specific runtime environment. • UNKNOWN - The program environment is unknown due to the fact that the program has not been loaded by CICS, and so its source language cannot be deduced. • XPLINK - The program is a C or C++ program which has been compiled using the XPLINK option. • NOTAPPLIC - RUNTIME does not apply because the module is a map set, or a partition set. Note that the above values cannot be directly set. They are reported only as a result of a NOJVM value being specified.
Rate of program use	RUSE	The rate at which the program is used.
Share status	SHARESTATUS	The shared status of the program, which determines whether the next new copy loaded will be a shared version (SHARED) or a private version (PRIVATE). A value of NOTAPPLIC is returned for remote programs, or Java programs that run in a JVM. Input Values: SHARED, PRIVATE
Enabled status	STATUS	The enabled status of the program, which indicates whether it is available for use. Input Values: ENABLED, DISABLED
Mirror transaction name for remote attach	TRANSID	The name of the server transaction the remote system is to attach when the program is defined as remote or dynamic. If this field is blank, the program is not defined as remote.
Number of times program was used since last reset	USEAGELSTAT	The number of times access to the program was requested during the current CICS statistics interval.
Total number of times program was executed	USECOUNT	The total number of times the program has been executed in the current CICS session. For CICS TS 3.2 and later regions, this field shows a use count for Java programs as well as for other types of program. For earlier regions, Java programs do not have a use count in this field. A value of N/A is returned for remote programs.
Average number of program uses per fetch	USEFETCH	The average number of program uses per fetch.

LIBRARYs, including DFHRPL - LIBRARY

The **LIBRARY** (LIBRARY) views display information about currently installed LIBRARYs. A LIBRARY represents a PDS/PDSE or sequence of concatenated PDS/PDSEs containing program entities that make up an application or group of applications, although the actual contents are determined by the systems programmer. DFHRPL is a special example of a LIBRARY that cannot be altered in a running CICS system.

Supplied views

To access from the main menu, click:

CICS operations views > Program operations views > LIBRARYs, including DFHRPL

Table 202. Views in the supplied **LIBRARY** *(LIBRARY) view set*

View	Notes
LIBRARY EYUSTARTLIBRARY.DETAIL1	Detailed information about the resource signature.
LIBRARY EYUSTARTLIBRARY.DETAILED	Detailed information about a selected LIBRARY.
LIBRARY EYUSTARTLIBRARY.DISABLE	Disable the LIBRARY. When disabled, a LIBRARY is not included in the LIBRARY search order. The data sets in this LIBRARY concatenation will not be searched for program artifacts to load. **Note:** The LIBRARY named DFHRPL cannot be disabled or discarded.
LIBRARY EYUSTARTLIBRARY.DISCARD	Discard a LIBRARY from the CICS system where it is installed. A LIBRARY must be disabled before it can be discarded. **Note:** The LIBRARY named DFHRPL cannot be disabled or discarded.
LIBRARY EYUSTARTLIBRARY.ENABLE	Enable the LIBRARY. When enabled, a LIBRARY is included in the LIBRARY search order. The data sets in this LIBRARY concatenation will be searched for program artifacts to load. **Note:** If an ENABLE fails, the LIBRARY remains disabled.
LIBRARY EYUSTARTLIBRARY.SET	Set LIBRARY attributes according to new values specified in input fields.
LIBRARY EYUSTARTLIBRARY.TABULAR	Tabular information about currently installed LIBRARYs.

Actions

Table 203. Actions available for LIBRARY views

Action	Description
DISABLE	Disable the LIBRARY. When disabled, a LIBRARY is not included in the LIBRARY search order. The data sets in this LIBRARY concatenation will not be searched for program artifacts to load. **Note:** The LIBRARY named DFHRPL cannot be disabled or discarded.
DISCARD	Discard a LIBRARY from the CICS system where it is installed. A LIBRARY must be disabled before it can be discarded. **Note:** The LIBRARY named DFHRPL cannot be disabled or discarded.
ENABLE	Enable the LIBRARY. When enabled, a LIBRARY is included in the LIBRARY search order. The data sets in this LIBRARY concatenation will be searched for program artifacts to load. **Note:** If an ENABLE fails, the LIBRARY remains disabled.
GET	(Optional) Specify the name of the platform from which installed libraries should be displayed.
SET	Set LIBRARY attributes according to new values specified in input fields.

Fields

Table 204. Fields in LIBRARY views

Field	Attribute name	Description
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.

Table 204. Fields in LIBRARY views (continued)

Field	Attribute name	Description
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • SYSTEM - The resource was last changed by the CICS system. This applies to the static DFHRPL library. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Critical status	CRITSTATUS	Specifies whether the LIBRARY is critical to the start up of CICS. Values are: • CRITICAL – The LIBRARY is critical to CICS startup. If the LIBRARY cannot be successfully installed during CICS startup for any reason, then a GO or CANCEL message will be issued. This will allow the operator to decide whether to override the criticality and allow CICS to start or not. If CICS is allowed to continue, the LIBRARY will be installed in a 'disabled' status, unless install was not possible at all; for example, due to a short-on-storage condition. If the reply is to continue with the startup, the LIBRARY will not be recatalogued as NONCRITICAL, so the critical status should be explicitly set to NONCRITICAL if it is decided that the LIBRARY should not be regarded as CRITICAL in future. • NONCRITICAL – The LIBRARY is not critical to CICS startup. If the LIBRARY cannot be successfully installed during CICS startup, then the LIBRARY will be left in an installed but disabled state and a warning message will be issued, but CICS startup will continue.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.

Table 204. Fields in LIBRARY views (continued)

Field	Attribute name	Description
Enable status	ENABLESTATUS	Indicates whether the LIBRARY is included in the overall LIBRARY search order. Values are: • DISABLED – The LIBRARY is not included in the LIBRARY search order. The data sets in this LIBRARY concatenation will not be searched for program artifacts to load. • DISABLING – A request to disable the LIBRARY has been received, but is still being processed. • ENABLED – The LIBRARY is included in the LIBRARY search order. The data sets in this LIBRARY concatenation will be searched for program artifacts to load. • ENABLING – A request to enable the LIBRARY has been received, but is still being processed. • DISCARDING – A request to discard the LIBRARY from the CICS system has been received, but is still being processed.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • SYSTEM - The resource was last installed by the CICS system. This applies to the static DFHRPL library. • GRPLIST - The resource was installed by GRPLIST INSTALL. • BUNDLE - The resource was installed by a bundle deployment.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
LIBRARY name	NAME	The name of the LIBRARY.
Number of DSNAMEs	NUMDSNAMES	The number of data sets in the LIBRARY concatenation. For a dynamically defined LIBRARY, this will be the number of non-blank DSNAMExx values, and cannot be a value larger than 16. For the statically defined DFHRPL, this will be the number of data sets in the concatenation, and can be a value larger than 16.
Program load count	PGMLOADCNT	The number of program loads from data sets in this LIBRARY.

Table 204. Fields in LIBRARY views (continued)

Field	Attribute name	Description
Ranking	RANKING	The number which determines where this LIBRARY will appear in the overall search order, when enabled. A lower number indicates that this LIBRARY will be searched for programs to load before other LIBRARY resources with higher ranking numbers. The ranking can be thought of as being somewhat analogous to the concatenation number of a data set within a LIBRARY concatenation, although it differs in allowing duplicate values. RANKING can take values between 1 and 99, with a default of 50. A value of 10 is reserved for DFHRPL, the static LIBRARY, and cannot be specified. If this LIBRARY contains a discrete application in one or more data sets, then its ranking relative to other LIBRARY resources is not usually significant, and the default ranking value can be accepted. Exceptions to this are where this LIBRARY contains a program artifact which is required to replace one that also appears in another LIBRARY, in which case the ranking of this LIBRARY needs to be a smaller value than that of the other LIBRARY to ensure that the program artifact is loaded from this LIBRARY. The DFHRPL concatenation is assigned a predefined ranking of 10. This value cannot be changed. It allows dynamically defined LIBRARY resources to be placed before the DFHRPL concatenation in the overall search order by giving them a ranking value smaller than 10. **Note:** • It should be regarded as a temporary situation to have LIBRARY resources with a ranking that places them before DFHRPL in the search order. • Although the predefined DFHRPL ranking of 10 is intended to discourage the placing of LIBRARY resources before DFHRPL in the search order, it does not limit the total number of LIBRARY resources that can be placed before DFHRPL providing the ranking between the LIBRARY resources themselves is not significant. A ranking of less than 10 will trigger a message, where possible, to inform the user that this LIBRARY will appear ahead of DFHRPL in the search order. • A ranking of less than 10 will not take effect until the program is first loaded, or a NEWCOPY or PHASEIN request is issued, to cause the program to be loaded from the dynamic LIBRARY in preference to DFHRPL, unless the program is not in the DFHRPL concatenation, in which case there would be no reason to use a ranking of less than 10.
Search position	SEARCHPOS	The current absolute position of this LIBRARY in the overall LIBRARY search order. The first LIBRARY in the search order will have a SEARCHPOS of 1, the next LIBRARY will have a SEARCHPOS of 2, and so on. The SEARCHPOS is not the same as the ranking, although its value is determined by the relative ranking values of the various LIBRARY resources in the system. If the LIBRARY is disabled then the SEARCHPOS will be 0 indicating that the LIBRARY does not participate in the overall search.

LIBRARY data set names - LIBDSN

The **LIBRARY data set names** (LIBDSN) views show information about the data sets contained in the currently installed LIBRARY resources.

Supplied views

To access from the main menu, click:

CICS operations views > Program operations views > LIBRARY data set names

Table 205. Views in the supplied **LIBRARY data set names** *(LIBDSN) view set*

View	Notes
LIBRARY data set names EYUSTARTLIBDSN.DETAILED	Detailed information about a selected LIBRARY data set name.
LIBRARY data set names EYUSTARTLIBDSN.TABULAR	Tabular information about currently installed LIBRARY data set names.

Actions

Table 206. Actions available for LIBDSN views

Action	Description
GET	(Optional) Specify the name of the platform from which installed libraries should be displayed.

Fields

Table 207. Fields in LIBDSN views

Field	Attribute name	Description
Data set name	DSNAME	The name of a data set in the LIBRARY concatenation. If the LIBRARY is a dynamically defined LIBRARY, then this is a data set specified on the LIBRARY definition. If the LIBRARY is the statically defined DFHRPL, then this is a data set defined in the DFHRPL concatenation in the CICS startup JCL.
Data set search enumerator	DSNSEARCHPOS	This value displays the relative position of the data set in the overall LIBRARY data set search order. This value is obtained by combining the SEARCHPOS of this data set's LIBRARY with the data set's own DSNUM. If the LIBRARY is disabled then the LIBRARY SEARCHPOS will be 0, indicating that the LIBRARY does not participate in the overall search. In this case this field will be set to N/A. Due to the way this value is calculated, the first data set to be searched will not have a data set search enumerator of 1, it will be 1001.
LIBRARY data set number	DSNUM	The number of the data set in the LIBRARY definition. For DFHRPL this number will be derived from the data set's relative offset from the beginning of the DFHRPL concatenation, starting at one. For LIBRARYs other than DFHRPL this number is the number at which the data set was defined, so this may not be sequential if data sets were not defined at every preceeding position.
LIBRARY name	LIBRARY	The name of the LIBRARY that contains this data set in its concatenation.
Search position	SEARCHPOS	The current absolute position of this data set's LIBRARY in the overall LIBRARY search order. The first LIBRARY in the search order will have a SEARCHPOS of 1, the next LIBRARY will have a SEARCHPOS of 2, and so on. The SEARCHPOS is not the same as the ranking, although its value is determined by the relative ranking values of the various LIBRARY resources in the system. If the LIBRARY is disabled then the SEARCHPOS will be 0 indicating that the LIBRARY does not participate in the overall search.

Static DFHRPL data set names - RPLLIST

The **static DFHRPL data sets** (RPLLIST) views display information about the relocatable program library data sets concatenated to the DFHRPL DDNAME for each CICS system in the startup JCL. The data sets are listed in the order in which they appear in the DFHRPL DDNAME.

Using RPLLIST views, you can determine the source data set of a loaded program if it is in the static DFHRPL concatenation in the CICS startup JCL. If LIBRARY resources are being used to dynamically define load libraries, then the program may not be in the DFHRPL. In this case, use the LIBRARY or PROGRAM views to determine the source data set of a loaded program.

Supplied views

To access from the main menu, click:

CICS operations views > **Program operations views** > **Static DFHRPL data set names**

Table 208. Views in the supplied **Static DFHRPL data sets** *(RPLLIST) view set*

View	Notes
Static DFHRPL data sets EYUSTARTRPLLIST.DETAILED	Detailed information about the static RPL data set in a selected static RPL data set position
Static DFHRPL data sets EYUSTARTRPLLIST.TABULAR	Tabular information about the static DFHRPL data set

Actions

None.

Fields

Table 209. Fields in RPLLIST views

Field	Attribute name	Description
Static RPL data set name	DSNAME	The name of the data set.
Static RPL data set position	RPLNUM	The position of the data set in the static DFHRPL concatenation.

Task operations views

The task operations views show information about tasks that are executing within the current context and scope.

Active tasks - TASK

The **Active tasks** (TASK) views display information about currently executing tasks.

Supplied views

To access from the main menu, click:

CICS operations views > **Task operations views** > **Active tasks**

Table 210. Views in the supplied **Active tasks** *(TASK) view set*

View	Notes
Active tasks EYUSTARTTASK.DETAIL1	Identification details of a selected task
Active tasks EYUSTARTTASK.DETAIL10	Channel usage information about a selected task
Active tasks EYUSTARTTASK.DETAIL11	Task association data
Active tasks EYUSTARTTASK.DETAIL2	Clocks and timings information about a selected task
Active tasks EYUSTARTTASK.DETAIL3	Settings information about a selected task
Active tasks EYUSTARTTASK.DETAIL4	Request count information about a selected task
Active tasks EYUSTARTTASK.DETAIL5	Communications requests information about a selected task
Active tasks EYUSTARTTASK.DETAIL6	Storage usage information about a selected task
Active tasks EYUSTARTTASK.DETAIL7	TCP/IP usage information about a selected task
Active tasks EYUSTARTTASK.DETAIL8	CICS BTS requests information about a selected task
Active tasks EYUSTARTTASK.DETAIL9	CPU and TCB information about a selected task
Active tasks EYUSTARTTASK.DETAILED	Detailed general information about a selected task
Active tasks EYUSTARTTASK.TABULAR	Tabular information about currently executing tasks

Actions

Table 211. Actions available for TASK views

Action	Description
FORCEPURGE	Force CICS to purge a task immediately, regardless of whether system or data integrity can be maintained.
KILL	Force CICS to purge a task immediately when it cannot be cancelled using Purge or Forcepurge

Fields

Table 212. Fields in TASK views

Field	Attribute name	Description
Current ABEND code	ABCODEC	The identifier of the current abend code.
Original ABEND code	ABCODEO	The name of the original abend code.

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
Initial Application Name	ACAPPLNAME	The name of the initial application associated with this task.
Initial Application Major Version	ACMAJORVER	The major version of the initial application associated with this task.
Initial Application Micro Version	ACMICROVER	The micro version of the initial application associated with this task.
Initial Application Minor Version	ACMINORVER	The minor version of the initial application associated with this task.
Initial Application Operation	ACOPERNAME	The operation being performed by the initial application associated with this task.
Initial Platform	ACPLATNAME	The name of the initial platform associated with this task.
BTS activity ID	ACTVTYID	The CICS Business Transaction Services activity ID that this task represents.
BTS activity name	ACTVTYNM	The CICS Business Transaction Services Activity Name that this task represents.
Number of ALLOCATE requests	ALLOCATES	The number of ALLOCATE requests issued by this task.
Application name - program	APPLNAMEPROG	Application naming program name.
Application name - transaction	APPLNAMETRAN	Application naming transaction name.
Number of EXEC CICS FREE CHILD commands	ASFREECT	The number of EXEC CICS FREE CHILD commands that have been issued by the user task.
Number of EXEC CICS FETCH commands	ASFTCHCT	The number of EXEC CICS FETCH commands that have been issued by the user task.
EXEC CICS FETCH wait time	ASFTCHWT	This is a composite field displaying one of the following elements: • The elapsed time that the user task waited for a child task as a result of issuing an EXEC CICS FETCH CHILD command. • The count of times the EXEC CICS FETCH API had to suspend for a child task which was not completed.
EXEC CICS RUN TRANSID delayed time	ASRNATWT	This is a composite field displaying one of the following elements: • The elapsed time that the user task was delayed because of child task limits managed by the asynchronous services domain • The count of times the user task was delayed because of child task limits managed by the asynchronous services domain.
Number of EXEC CICS RUN TRANSID commands	ASRUNCT	The number of EXEC CICS RUN TRANSID commands that have been issued by the user task.
Number of asynchronous API commands	ASTOTCT	The total number of EXEC CICS asynchronous API commands that have been issued by the user task.
Task attach time	ATTACHTIME	The date and time at which the task was attached. This is expressed as local time.
BTS activity data container requests	BAACDCCT	The number of Activity Data Container requests issued by this task.
BTS acquire requests	BAACQPCT	The number of CICS Business Transaction Server (BTS) Acquire Process and Acquire Activity requests issued by this task.
BTS define activity requests	BADACTCT	The number of Define Activity requests issued by this task.
BTS delete activity and cancel requests	BADCPACT	The number of Delete Activity and Cancel Process/Activity requests issued by this task.
BTS define input event requests	BADFIECT	The number of Define Input Event requests issued by this task.
BTS define process requests	BADPROCT	The number of Define Process requests issued by this task.
BTS link requests	BALKPACT	The number of Link Process/Activity requests issued by this task.
BTS process data container requests	BAPRDCCT	The number of Process Data Container requests issued by this task.

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
BTS run asynchronous requests	BARASYCT	The number of Run Process/Activity requests issued by this task in Asynchronous mode.
BTS retrieve reattach event requests	BARATECT	The number of Retrieve Reattach Event requests issued by this task.
BTS resume requests	BARMPACT	The number of Resume Process/Activity requests issued by this task.
BTS reset requests	BARSPACT	The number of Reset ACQprocess/Activity requests issued by this task.
BTS run synchronous requests	BARSYNCT	The number of Run Process/Activity requests issued by this task in Synchronised mode.
BTS suspend requests	BASUPACT	The number of Suspend Process/Activity requests issued by this task.
BTS timer associated event requests	BATIAECT	The number of Timer Associated Event requests issued by this task. This field includes:- • DEFINE TIMER EVENT • CHECK TIMER EVENT • DELETE TIMER EVENT • FORCE TIMER EVENT
BTS total data container requests	BATOTCCT	The total number of Data Container requests issued by this task.
BTS total event requests	BATOTECT	The total number of Event requests issued by this task.
BTS total requests	BATOTPCT	The total number of Process/Activity requests issued by this task.
Total number of BMS requests	BMSCOUNT	The number of terminal control, or basic mapping support (BMS), requests issued by this user task, including MAP, IN, and OUT requests.
Number of BMS map in requests	BMSINCNT	The number of BMS map in requests by this task.
Number of BMS map requests	BMSMAPCNT	The number of BMS map requests by this task.
Number of BMS map out requests	BMSOUTCNT	The number of BMS map out requests by this task.
Transaction ID as started by bridge	BRDGTRAN	Indicates whether this transaction was started by the 3270 bridge facility. The field will indicate not available if CICS monitoring is not switched on. • YES - The task was initiated by the 3270 bridge. • NO - The task was not initiated by the 3270 bridge.
Bridge transaction ID	BRIDGE	The original transaction ID of the current task as initiated by the 3270 bridge.
3270 Bridge Facility Token	BRTOKEN	The 8 byte bridge facility token.
Workload manager begin-to-end phase complete	BTECOMP	Workload manager begin-to-end phase complete.
Number of GETMAIN requests in CDSA	CDSAGETM	The total number of CDSA GETMAIN requests.
Maximum program storage in CDSA	CDSAPSHWM	The high-water mark number of bytes used by this task for programs in the CDSA.
Peak number of bytes used by task in CDSA	CDSASHWM	The peak number of bytes used by this task in CDSA.
Average CDSA storage usage	CDSASOCC	The average storage occupancy in the CDSA. This measures the area under the curve of storage in use against elapsed time.
CEC machine type	CECMCHTP	CEC machine type number in EBCDIC.
CEC model number	CECMDLID	CEC model identification number in EBCDIC.
CFDT wait time	CFDTWAIT	This is a composite field displaying one of the following elements: • The elapsed time in which the task waited for CFDT file I/O. • The number of times the task waited for CFDT file I/O.

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
Number of Primary TC characters received	CHARIN	The number of primary terminal control characters received.
Number of Secondary TC characters received	CHARINSEC	The number of secondary terminal control characters received.
Number of Primary TC characters sent	CHAROUT	The number of primary terminal control characters sent.
Number of Secondary TC characters sent	CHAROUTSEC	The number of secondary terminal control characters sent.
Number of CICS dispatcher change modes	CHMODECT	The number of CICS Dispatcher TCB Change Mode requests issued by this task.
CICS event wait time	CICSWAIT	This is a composite field displaying one of the following elements: • The total CICS event wait time. • The number of times the task waited for an event.
Client IP address	CLIPADDR	The IPv4 or IPv6 address of the client that initiated this task.
Command level security status	CMDSEC	Indicates whether command level security checking is in effect for this task. • CMDSECNO - Command security checking is not in effect. • CMDSECYES - Command security checking is being carried out
Give-up-control wait time	CONTROLWAIT	This is a composite field displaying one of the following elements: • The elapsed time spent waiting after the task gave up control to other transactions. • The number of times the task waited as a result of giving up control to other transactions.
Correlation UOW id	CORREUOW	The ID of the correlation unit of work.
User task CPU time	CPUTIME	This is a composite field displaying one of the following elements: • The CPU time used by this task. • The number of times this task was dispatched. Note: If the dispatch status for this task is RUNNING, the User task CPU time and Task dispatch count will not be accumulated until the end of this dispatch.
Total CPU time on a CP	CPUTONCP	Total task CPU time on a standard CP
Current program being executed	CURRENTPROG	The name of the currently executing program.
Current tasks	CURTASKS	Current number of tasks value at the time the user task was attached.
DB2 Connection (TCB) wait time	DB2CONWT	This is a composite field displaying one of the following elements: • The amount of time that this task has spent waiting for DB2 connections. • The number of times the task waited for DB2 connections.
DB2 plan name	DB2PLAN	The DB2 plan associated with this task.
DB2 ReadyQ wait time	DB2RDYQW	This is a composite field displaying one of the following elements: • The amount of time that this task has spent waiting on the DB2 ready queue. • The number of times the task waited on the DB2 ready queue.
Total number of DB2 requests	DB2REQCT	The number of DB2 Database requests (SQL and IFI) issued by this task.
DB2 request wait time	DB2WAIT	This is a composite field displaying one of the following elements: • The amount of time that this task has spent waiting for DB2 Database Requests to complete. • The number of times the task waited for DB2 Database Requests to complete. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
Transaction type details	DETTRANTYPE	The details of the transaction type. Valid values are: BRIDGE, CICSBTS, DPL, MIRROR, NONE, ONCRPC, SYSTEM, WEB.

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
Current container storage allocated to task.	DFHCHNL329	The current container storage allocated to this task.
Non-persistent sockets	DFHSOCK292	The current number of non-persistent sockets associated with this task.
Persistent sockets	DFHSOCK293	The current number of persistent sockets associated with this task.
Task storage UDSA	DFHSTOR033	The UDSA storage for the task.
Program storage - Total	DFHSTOR087	Total program storage.
Task storage EUDSA	DFHSTOR106	EUDSA storage for the task.
Program storage - Below	DFHSTOR108	Program storage below the line.
Task storage CDSA	DFHSTOR116	CDSA storage for the Task.
Task storage ECDSA	DFHSTOR119	ECDSA storage for the Task.
Program storage - ERDSA	DFHSTOR122	ERDSA storage for the Program.
Program storage - Above	DFHSTOR139	Above the line program storage.
Program storage - ECDSA	DFHSTOR142	ECDSA storage for the Program.
Program storage - CDSA	DFHSTOR143	CDSA storage for the Program.
Program storage - SDSA	DFHSTOR160	SDSA storage for the Program.
Program storage - ESDSA	DFHSTOR161	ESDSA storage for the Program.
Program storage - RDSA	DFHSTOR162	RDSA storage for the Program.
Task Storage - GCDSA	DFHSTOR442	GCDSA storage for the Task.
Task Storage - GUDSA	DFHSTOR444	GUDSA storage for the Task.
Current CICS dispatcher TCBs	DFHTASK252	The current number of CICS dispatcher TCBs.
Number of Document Create requests	DHCRECT	The number of document create requests issued by this task.
Number of Document Insert requests	DHINSCT	The number of document insert requests issued by this task.
Number of Document Retrieve requests	DHRETCT	The number of document retrieve requests issued by this task.
Number of Document Set requests	DHSETCT	The number of document set requests issued by this task.
Total number of Document requests	DHTOTCT	The total number of Document Handling requests issued by this task.
Total length of documents created	DHTOTDCL	The total length of documents created by this task.
User task dispatch time	DISPTIME	This is a composite field displaying one of the following elements: • The elapsed time since the task was dispatched. • The number of times this task was dispatched.
Dispatcher allocate pthread wait time	DSAPTHWT	The total time this task has waited for the CICS Dispatcher to allocate a pthread.
First dispatch delay time	DSPDELAY	This is a composite field displaying one of the following elements: • The elapsed time waiting for the first dispatch This time includes the time waiting for MAXT or TRANCLASS limits. • The number of delays during the first dispatch.
Dynamic transaction backout option	DTB	Indicates how uncommitted changes made to recoverable resources by this task are handled if the task fails. • NOTSUPPORTED - This attribute is not supported. • BACKOUT - Changes are backed out. • COMMIT - Changes are committed. • WAIT - Changes are put into a wait state.
Deadlock timeout (seconds)	DTIMEOUT	Indicates the deadlock time-out interval (in seconds). CICS abends a task that waits longer than its deadlock timeout value for a locked resource.

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
Transaction dump option	DUMPING	Indicates whether transaction dumps will be taken if the task terminates abnormally. • NOTRANDUMP - Transaction dumps will not be taken. • TRANDUMP - Transaction dumps will be taken.
Number of GETMAIN requests in ECDSA	ECDSAGETM	The total number of ECDSA GETMAIN requests.
Maximum program storage in ECDSA	ECDSAPSHWM	The high-water mark number of bytes used by this task for programs in the ECDSA.
Peak number of bytes used by task in ECDSA	ECDSASHWM	The peak number of bytes used by this transaction in ECDSA
Average ECDSA storage usage	ECDSASOCC	The average storage occupancy in the ECDSA. This measures the area under the curve of storage in use against elapsed time.
Delay time for enqueue	ENQDELAY	This is a composite field displaying one of the following elements: • The elapsed time waiting for a task control enqueue. • The number of times this task waited for a task control enqueue.
Workload manager execution phase complete	EXECOMP	Workload manager execution phase complete.
External wait time	EXTERNWAIT	This is a composite field displaying one of the following elements: • The elapsed time spent waiting for resources external to CICS. • The number of times the task waited for resources external to CICS. These waits can arise as a result of issuing WAIT EXTERNAL commands or as a result of CICS waiting for external events.
Exception wait time	EXWAIT	This is a composite field displaying one of the following elements: • The total elapsed time the task has waited on exception conditions. • The number of times this task waited on exception conditions.
Principal facility	FACILITY	The name of the facility associated with initiation of this task, if that facility is a transient data queue or a terminal or system. If the task was initiated otherwise, the facility value is blanks. The FACILITYTYPE field tells you what type of facility caused task initiation, and therefore what FACILITY represents.
Facility type	FACILITYTYPE	The type of facility that initiated this task. Valid values are: • DEST - CICS initiated the task to process a transient data queue which had reached its trigger level. • TASK - Another task initiated the task with a START command that did not specify a terminal, or CICS created the task internally. • TERM - Either the task was initiated to process unsolicited input or another task initiated the task with a START command with the TERMID option.
Number of file control WRITE requests	FCADDCNT	The total number of file control add/new record write requests issued by this task.
Number of file control access method requests	FCAMCNT	The total number of Access Method (VSAM and BDAM) requests issued for this task by CICS file control.
Number of file control browse requests	FCBRWCNT	The total number of file control getnext and getprevious requests issued by this task.
Total number of file control requests	FCCOUNT	The number of file control requests issued by this user task, excluding OPEN, CLOSE, ENABLE, and DISABLE requests.
Number of file control DELETE requests	FCDELCNT	The total number of file control delete requests issued by this task.
Number of file control READ requests	FCGETCNT	The total number of file control get/read requests issued by this task.
File control I/O wait time	FCIOTIME	This is a composite field displaying one of the following elements: • The total file control I/O wait time. • The number of times this task waited for file control I/O.

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
Number of file control REWRITE requests	FCPUTCNT	The total number of file control put/write requests issued by this task.
File control VSAM string wait time	FCVSWTT	This is a composite field displaying one of the following elements: • The total file control VSAM string wait time. • The number of times this task waited for file control VSAM strings. If tasks are waiting for strings consider increasing the number of VSAM strings.
File control exclusive control wait time	FCXCWTT	This is a composite field displaying one of the following elements: • The total file control exclusive control wait time. • The number of times this task waited for exclusive control of a control interval.
First program name	FIRSTPRGM	The name of the first program invoked at task-attach time.
Number of GETMAIN requests in GCDSA	GCDSAGETM	The total number of GCDSA GETMAIN requests.
Peak number of bytes used by task in GCDSA expressed in 4K pages	GCDSASHWM	Maximum amount (high-water mark) of user-storage (rounded up to the next 4K) allocated to the user task above the bar, in the CICS dynamic storage area (GCDSA).
Global ENQ delay time	GNQDELAY	This is a composite field displaying one of the following elements: • The amount of time spent by this task waiting for a Global enqueue. • The number of times that this task waited for a Global enqueue.
Number of GETMAIN requests in GUDSA	GUDSAGETM	The total number of GUDSA GETMAIN requests.
Peak number of bytes used by task in GUDSA expressed in 4K pages	GUDSASHWM	Maximum amount (high-water mark) of user-storage (rounded up to the next 4K) allocated to the user task above the bar, in the user dynamic storage area (GUDSA).
Number of interval control starts	ICCOUNT	The number of interval control START or INITIATE requests issued by this task. This includes the number of transactions started with EXEC CICS START transid commands, the number of Automatic Transaction Initiations, and the number of internally issued interval control initiates.
User data provided by the bridge exit	IDENT	The identifier supplied by 3270 bridge which may be used to associate this CICS task with the input from the 3270 bridge.
Total number of IMS requests	IMSREQCT	The number of IMS Database requests issued by this task.
IMS request wait time	IMSWAIT	This is a composite field displaying one of the following elements: • The amount of time that this task has spent waiting for IMS Database Requests to complete. • The number of times the task waited for IMS Database Requests to complete.
Transaction in-doubt option	INDOUBT	Indicates the action to be taken when a CICS region fails, or loses connectivity with its coordinator, during two-phase commit processing, and the UOW has entered an in-doubt state. If WAIT is specified in the Wait Option field, this field has no effect until the wait time expires. The valid values are: • BACKOUT - All changes made to recoverable resources are backed out and the resources are returned to the state they were in before the start of the UOW. • COMMIT - All changes made to recoverable resources are committed and the in-flight UOW is marked as completed.
Recovery manager UOW indoubt failure	INDOUBTFAIL	Indicates whether an in-doubt UOW is to wait pending recovery from a failure that occurs after the UOW has entered the in-doubt state. The valid values are WAIT and NOWAIT.
In-doubt time (minutes)	INDOUBTMINS	The length of time, in minutes, after a failure during the in-doubt period, before the task is to take the action indicated in in-doubt Option field (COMMIT or BACKOUT).

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
In-doubt wait option	INDOUBTWAIT	Indicates whether an in-doubt UOW is to wait pending recovery from a failure that occurs after the UOW has entered the in-doubt state. The valid values are WAIT and NOWAIT.
Number of interval control requests	INTVLC	The total number of interval control START, CANCEL, DELAY and RETRIEVE requests issued by the user task.
Interval control delay time	INTVLWAIT	This is a composite field displaying one of the following elements: • The total interval control delay time. • The number of times the task waited as a result of interval control services.
Number of IP facilities associated with task	IPFACCNT	The number of IP facilities currently associated with this task.
Inter-region communication I/O wait time	IRIOTIME	This is a composite field displaying one of the following elements: • The total inter-region communication I/O wait time. • The number of times this task waited for inter-region communication I/O.
Delay time waiting for IPIC session allocation	ISALWTT	The amount of time that this task has spent waiting for an IPIC session to be allocated.
Data isolation type	ISOLATEST	Identifies whether the user key task-lifetime storage is isolated from the user-key programs of other transactions. • ISOLATE - Storage is isolated. • NOISOLATE - Storage is not isolated.
J8 TCB mode CPU time	J8CPUT	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the J8 TCB Mode. • The number of times this task was dispatched on the J8 TCB Mode. This mode is used by Java applications. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
Journal control I/O wait time	JCIOTIME	This is a composite field displaying one of the following elements: • The total journal control I/O wait time. • The number of times this task waited for journal control I/O.
Number of journal output requests	JCUSRWCNT	The number of invoke web service requests issued by this task.
Number of journal write requests	JRNLWRITREQ	The number of journal write requests issued by this task.
Total Java virtual machine (JVM) suspend time	JVMSUSP	This is a composite field displaying one of the following elements: • The amount of elapsed time this task was suspended back in CICS while executing as a Java Virtual Machine (JVM). • The number of times that this task was suspended back in CICS while executing as a Java virtual machine (JVM).
Total Java virtual machine (JVM) elapsed time	JVMTIME	This is a composite field displaying one of the following elements: • The amount of elapsed time this task spent executing as a Java virtual machine (JVM), including time suspended (see JVM suspend time). • The number of times that this task executed as a Java virtual machine (JVM).
L8 TCB mode CPU time	L8CPUT	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the L8 TCB Mode. • The number of times this task was dispatched on the L8 TCB Mode. This mode is used by programs that are defined to be CONCURRENCY=THREADSAFE when they issue DB2 requests.

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
Lock manager wait time	LOCKMGRWAIT	This is a composite field displaying one of the following elements: • The elapsed time in which the user task waited to acquire a lock on a resource. • The number of times the user task waited to acquire a lock on a resource. A user task cannot explicitly acquire a lock on a resource, but many CICS modules lock resources on behalf of user tasks using the CICS lock manager (LM) domain
Number of CICS logger write requests	LOGGRWRITREQ	The number of CICS Logger write requests issued by this task.
Logical partition name	LPARNAME	The logical partition name in EBCDIC.
LU6.1 I/O wait time	LU61WTT	This is a composite field displaying one of the following elements: • The total LU6.1 I/O wait time. • The number of times this task waited for LU6.1 I/O.
LU6.2 I/O wait time	LU62WTT	This is a composite field displaying one of the following elements: • The total LU6.2 I/O wait time. • The number of times this task waited for LU6.2 I/O.
VTAM LU name	LUNAME	The name of the VTAM logical unit of the terminal associated with this transaction. If performance monitoring is inactive, blanks are returned.
Maximum tasks	MAXTASKS	Maximum number of tasks value at the time the user task was attached.
Number of actions triggered by policy task rules	MPPRTXCD	The number of actions (message, event or abend) that have been triggered by policy task rules.
Number of actions triggered by policy system rules	MPSRACT	The number of actions (message or event) that have been triggered by policy system rules.
Number of times policy system rules evaluated	MPSRECT	The number of times policy system rules have been evaluated.
Other TCB mode CPU time	MSCPUT	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the CO, D2, EP, FO, JM, RO, RP, SL, SO, SP, SZ and TP TCB Modes. JM mode is obsolete from CICS Transaction Server 5.1 onwards. • The number of times that this task was dispatched on the CO, D2, EP, FO, JM, RO, RP, SL, SO, SP, SZ and TP TCB Modes. JM mode is obsolete from CICS Transaction Server 5.1 onwards.
Other TCB mode dispatch time	MSDISPT	This is a composite field displaying one of the following elements: • The amount of time that this task has spent dispatched on the CO, D2, EP, FO, JM, RO, RP, SL, SO, SP, SZ and TP TCB Modes. JM mode is obsolete from CICS Transaction Server 5.1 onwards. • The number of times that this task was dispatched on the CO, D2, EP, FO, JM, RO, RP, SL, SO, SP, SZ and TP TCB Modes. JM mode is obsolete from CICS Transaction Server 5.1 onwards.
Number of Primary TC message receives	MSGIN	The number of primary terminal control messages received.
Number of Secondary TC message receives	MSGINSEC	The number of secondary terminal control messages received.
Number of Primary TC message sends	MSGOUT	The number of primary terminal control messages sent.
Number of Secondary TC message sends	MSGOUTSEC	The number of secondary terminal control messages sent.
First dispatch delay time caused by MXT limit	MXTDELAY	This is a composite field displaying one of the following elements: • The elapsed time waiting for first dispatch which was delayed because of the limits set by the system parameter, MXT, being reached. • The number of delays during the first dispatch due to the limits set by the system parameter, MXT, being reached.

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
Maximum delay time on an open TCB	MXTOTDLY	This is a composite field displaying one of the following elements: • Delay incurred by this task due to waiting on the MAXOPENTCBS Open TCB limit (including that there may be free Open TCBs but they cannot be used by this task). • The number of times the task waited on the MAXOPENTCBS Open TCB limit (including that there may be free Open TCBs but they cannot be used by this task).
Number of named counter get requests	NCGETCNT	The number of named counter get requests
Originating system netname	NETNAME	The network name of the originating system.
Network id of UOW	NETUOWID	Network ID of the unit of work.
Originating application ID	OAPPLID	The applid of the CICS region in which this work request (transaction) originated; (for example, the region in which the CWXN task ran)
Originating client IP address	OCLIPADR	The IPv4 or IPv6 address of the originating client (or Telnet client).
Originating client port number	OCLIPORT	The TCP/IP port number of the originating client (or Telnet client).
Originating facility name	OFCTYNME	The facility name of the originating transaction. If the originating transaction is not associated with a facility, this field is null. The transaction facility type, if any, can be identified using byte 0 of the transaction flags, OTRANFLG (370), field.
Offload eligible on standard CP	OFFLCPUT	Total task CPU time that was offload eligible but ran on a standard CP
Originating network ID	ONETWKID	The network ID of the APPLID taken from the Origin Descriptor associated with this task.
Originating port number	OPORTNUM	The port number used by the originating TCPIPSERVICE.
Transaction origin type	ORIGINTYPE	The source of the transaction. This is an interpretation of the primary transaction client type with which the transaction was attached using the CICS transaction manager.
Originating start time	OSTART	The time at which the originating task (for example, the CWXN task) was started. The time is expressed in GMT.
Originating TCPIPSERVICE name	OTCPSVCE	The name of the originating TCPIPSERVICE.
Originating transaction ID	OTRAN	The transaction ID (TRANSID) of the originating task (for example, the CWXN task).
Originating transaction flags	OTRANFLG	Originating transaction flags, a string of 64 bits used for signaling transaction definition and status information
Originating task ID	OTRANNUM	The number of the originating task (for example, the CWXN task).
Originating user correlation data	OUSERCOR	The originating user correlator.
Originating user ID	OUSERID	The originating Userid-2 or Userid-1 (for example, from CWBA), depending on the originating task.
Maximum read-only storage in RDSA	PC24RHWM	Maximum amount (high-water mark) of program storage in use by the user task below the 16MB line, in read-only dynamic storage area (RDSA).
Maximum shared storage in SDSA	PC24SHWM	Maximum amount (high-water mark) of program storage in use by the user task below the 16MB line, in the shared dynamic storage area (SDSA).
Maximum shared storage in ESDSA	PC31SHWM	Maximum amount (high-water mark) of program storage in use by the user task above the 16MB line, in the extended shared dynamic storage area (ESDSA).
Distributed program link (DPL) request count	PCDPLCT	The total number of times this task has issued a CICS Program Control Distributed Program Link to another CICS system.

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
Number of program link requests	PCLINKCNT	The total number of program link requests issued by this task.
Number of program load requests	PCLOADCNT	The total number of program load requests issued by this task.
Program load time	PCLOADTM	This is a composite field displaying one of the following elements: • The elapsed time in which the user task waited for fetches from DFHRPL or dynamic LIBRARY concatenations. • The number of times this task waited for program fetches from DFHRPL or dynamic LIBRARY concatenations. Only fetches for programs with installed program definitions or autoinstalled as a result of application requests are included in this figure. However, installed programs residing in the LPA are not included because they do not incur a physical fetch from a LIBRARY.
Number of user replaceable module (URM) links	PCLURMCT	The number of times that this transaction has issued a link to a user replaceable module.
Program transfer control (XCTL) request count	PCXCTLCNT	The number of program XCTL requests issued by this task.
Number of performance records	PERFRECCNT	The number of performance records written by the CICS Monitoring Facility (CMF) for this task.
Maximum container storage allocated to task.	PGCSTHWM	The maximum container storage allocated to this task.
BTS process ID	PRCSID	The CICS-assigned identifier of the CICS BTS root activity that the user task implemented.
BTS process name	PRCSNAME	The CICS Business Transaction Services Process Name that this task represents.
BTS process type	PRCSTYPE	The CICS Business Transaction Services Process Type that this task represents.
Task priority	PRIORITY	The total priority of the task. Total priority is the sum of the priority of the user associated with the task, the priority of the terminal which is the principal facility, and the priority of the transaction being executed.
Task profile name	PROFILE	The profile name for the task.
Maximum program storage below 16 MB line	PSTG24HWM	The maximum amount of program storage in use by this user task below the 16MB line.
Maximum program storage above 16 MB line	PSTG31HWM	The maximum amount of program storage in use by this user task above the 16MB line.
Maximum program storage across all DSAs	PSTGHWM	The high-water mark number of bytes used by this task for programs in all DSAs.
Purgeability status	PURGEABILITY	Identifies whether the task is purgeable in a system stall condition. • NOTPURGEABLE - Task is not purgeable. • PURGEABLE - Task is purgeable.
Purge Type	PURGETYPE	Purge Type of the task.
CPU time used on QR TCB	QRCPUT	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the QR TCB Mode. • The number of times that this task was dispatched on the QR TCB Mode.
Dispatch time whilst running on QR TCB	QRDISPT	This is a composite field displaying one of the following elements: • The amount of time that this task has spent dispatched on the QR TCB Mode. • The number of times that this task was dispatched on the QR TCB Mode.

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
QR TCB mode delay time	QRMODDLY	This is a composite field displaying one of the following elements: • The amount of time that this task has spent waiting while on the QR TCB mode plus the time spent waiting to switch back to QR TCB mode from another TCB mode. • The number of times the task waited while on the QR TCB mode, including waiting to switch back to QR TCB mode from another TCB mode.
Recovery manager unit of work ID	RECOVERTOKN	The Unit of work ID for the recovery manager.
Record type	RECTYPE	The performance record type. This field indicates the reason why a performance record has been output for the user task. It can be one of the following values: • C - Record output for a terminal converse • D - Record output for a SET MONITOR against a user defined Event Monitoring Point (EMP) that specifies PERFORM=DELIVER • F - Record output for a long-running transaction • S - Record output for a syncpoint request • T - Record output for a task termination (detach) For transaction resource class data, this field is always T.
Local unit of recovery ID	RECUNITID	The ID of the local unit of recovery.
Remote transaction name	REMOTENAME	Name of the transaction that will be run in a remote system.
Recovery manager UOW resolved with indoubt action	RESOLVEACT	The total number of units of work that lost connection to their recovery coordinator during syncpoint processing that were resolved with indoubt action.
Task response time	RESPTIME	The task response time in milliseconds.
Resource level security status	RESSEC	Indicates whether resource security checking is in effect for this task. • RESSECNO - Resource security checking is not in effect. • RESSECYES - Resource security checking is being carried out
CPU time used by VSAM record level sharing	RLSCPUT	This is a composite field displaying one of the following elements: • The total amount of CPU time spent by this transaction performing RLS requests which run in SRB mode. • The number of times the task performed RLS requests which run in SRB mode.
VSAM record level sharing wait time	RLSWAITTIME	This is a composite field displaying one of the following elements: • The elapsed time in which the task waited for RLS file I/O. • The number of times the task waited for RLS file I/O.
RMI suspend time	RMISUSP	This is a composite field displaying one of the following elements: • The elapsed time the task was suspended while in the CICS Resource Manager Interface (RMI). • The number of times the task was suspended while in the CICS Resource Manager Interface (RMI).
Total RMI elapsed time	RMITIME	This is a composite field displaying one of the following elements: • The total elapsed time the task spent in the CICS Resource Manager Interface (RMI) including time suspended. • The number of times the task invoked the CICS CICS Resource Manager Interface (RMI).
Recovery manager UOW resource owner failure	ROFAIL	Recovery manager UOW resource owner failure.
RO TCB mode delay time	ROMODDLY	The amount of time that this task has spent waiting while on the RO TCB mode plus the time spent waiting to switch back to RO TCB mode from another TCB mode.
Maximum program storage in ERDSA	ROPS31HWM	The high-water mark number of bytes used by this task for programs in the ERDSA (read-only storage above the 16M line).

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
Dynamic routing type	ROUTING	Indicates whether the task may be or may have been subjected to dynamic routing. • DYNAMIC - The task can be or could have been routed dynamically. • STATIC - The task is static.
RRMS/MVS unit of recovery ID	RRMSURID	The Unit of Recovery ID/token given to CICS by RRMS/MVS.
RRMS/MVS syncpoint coordination delay time	RRMSWAIT	This is a composite field displaying one of the following elements: • The amount of time spent by this task waiting for syncpoint coordination with RRMS/MVS. • The number of times that this task waited for syncpoint coordination with RRMS/MVS.
Reserved space	RSVD1	Reserved space.
Reserved space	RSVD2	Reserved space.
Remote system ID	RSYSID	Name of the remote system where the transaction defined by remotename is defined.
Read timeout (seconds)	RTIMEOUT	Indicates the read time-out value (in seconds), after which this task is terminated if no input is received.
Runaway task time (milliseconds)	RUNAWAY	Indicate the amount of time (in milliseconds), for which any task can have control of the processor before it is assumed to be in a runaway condition. When the interval expires, the task is abnormally terminated.
Dispatch status	RUNSTATUS	Indicates which processing queue the task is currently on (DISPATCHABLE, RUNNING, or SUSPENDED).
Run synchronous transaction wait time	RUNTRWTT	This is a composite field displaying one of the following elements: • The total amount of time that this transaction has spent waiting for a transaction it attached synchronously to complete. • The number of times the task waited for a transaction it attached synchronously to complete. For CICS BTS this field will record the times this task spent waiting for a Run Process or Run Activity to execute synchronously.
S8 TCB mode CPU time	S8CPUT	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the S8 TCB Mode. • The number of times this task was dispatched on the S8 TCB Mode. This mode is used when making secure sockets calls.
Screen size	SCRNSIZE	Indicates whether the alternate or default screen size will be used by this task. • ALTERNATE - The alternate screen size will be used. • DEFAULT - The default screen size will be used.
Shared temporary storage wait time	SHAREDTSWAIT	This is a composite field displaying one of the following elements: • The total shared temporary storage wait time. • The number of times the task waited for shared temporary storage.
FREEMAIN byte count of shared storage above 16MB	SHSTGBYTEFMA	The total number of FREEMAIN bytes of shared storage above 16MB.
FREEMAIN byte count of shared storage below 16MB	SHSTGBYTEFMB	The total number of FREEMAIN bytes of shared storage below 16MB.
The total number of FREEMAIN bytes of shared storage above the bar.	SHSTGBYTEFMG	The total number of GETMAIN bytes of shared storage above the bar.
GETMAIN byte count of shared storage above 16MB	SHSTGBYTEGMA	The total number of GETMAIN bytes of shared storage above 16MB.
GETMAIN byte count of shared storage below 16MB	SHSTGBYTEGMB	The total number of GETMAIN bytes of shared storage below 16MB.

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
GETMAIN byte count of shared storage above the bar	SHSTGBYTEGMG	The total number of GETMAIN bytes of shared storage above the bar.
Shared storage GETMAIN request count above 16MB	SHSTGGMCABV	The number of GETMAIN requests issued by this task for shared storage above the 16MB line, in the ECDSA or ESDSA.
Shared storage GETMAIN request count above the bar	SHSTGGMCBAR	The number of GETMAIN requests issued by this task for shared storage above the bar, in the GCDSA or GSDSA.
Shared storage GETMAIN request count below 16MB	SHSTGGMCBEL	The number of GETMAIN requests issued by this task for shared storage below the 16MB line, in the CDSA or SDSA. Note that these figures are NOT included in the CDSA or SDSA getmain count figures.
Recovery manager UOW shunted	SHUNTED	The total number of units of work that lost connection to their recovery coordinator during syncpoint processing and had to be shunted for indoubt failure.
Number of socket bytes decrypted	SOBYDECT	The total number of bytes decrypted by this task that were passed over the TCP/IP Sockets Interface.
Number of socket bytes encrypted	SOBYENCT	The total number of bytes encrypted by this task that were passed over the TCP/IP Sockets Interface.
Cipher selected	SOCIPHER	The inbound cipher code selected during SSL handshake negotiation.
TCP/IP sockets I/O wait time	SOIOWTT	This is a composite field displaying one of the following elements: • The amount of time spent by this task waiting for socket sends or receives to complete. • The number of times that this task waited for socket sends or receives to complete. This includes the times spent by this task on the SO, SL and S8 TCB modes.
SO TCB mode delay time	SOMODDLY	The amount of time that this task has spent waiting while on the SO TCB mode plus the time spent waiting to switch back to SO TCB mode from another TCB mode.
CFDT syncpoint wait time	SRVSYWTT	This is a composite field displaying one of the following elements: • The elapsed time in which the task waited for CFDT syncpoints to complete. • The number of times the task waited for CFDT syncpoints to complete.
Task start time	START	The time when the task started. This is expressed in GMT or Local time and is subject the MNTIME system initialization parameter. If this is not set the default is GMT.

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
Start code	STARTCODE	A 2-character value indicating how this task started. Possible values are: • D - The task was initiated to process a distributed programming link (DPL) command that did not specify the SYNCONRETURN option. (The task is not allowed to issue syncpoints.) • DS - The task was initiated to process a distributed programming link (DPL) command containing the SYNCONRETURN option. (The task is allowed to issue syncpoints). • QD - CICS initiated the task to process a transient data queue that had reached trigger level. • S - Another task initiated this one, using a START command that did not pass data in the FROM option. The START command may or may not have passed a channel. • SD - Another task initiated this one, using a START command that passed data in the FROM option. • SZ - The task was initiated with a FEPI START command (see the Front End Programming Interface Guide for further information). • TO - The task was initiated to process unsolicited input from a terminal (or another system), and the transaction to be executed was determined from the input. • TP - The task was initiated to process unsolicited input or in response to a RETURN IMMEDIATE command in another task. In either case, the transaction to be executed was preset (in the RETURN command or in the associated TERMINAL definition) without reference to input. • U - CICS created the task internally. Note: When the IIOP request processor is run locally the startcode for an ASSIGN command or an INQUIRE TASK is U. When the IIOP request processor is run remotely, over an MRO link, the startcode for these commands is TO. (If you attempt to run the IIOP request processor remotely over any other type of connection, the routing request is not accepted, so startcodes for these commands are not relevant in this situation).
Task stop time	STOP	The stop time of the task. This is expressed in GMT or Local time and is subject the MNTIME system initialization parameter. If this is not set the default is GMT.
Storage clearance status	STORAGECLEAR	Indicates whether CICS should clear storage that is released from this task (to prevent other tasks accidentally viewing confidential data). Values are: • CLEAR - Storage is cleared. • NOCLEAR - Storage will not be cleared.
WLM subset of execution phase complete	SUBEXECOMP	WLM subset of execution phase complete.
Time task has been suspended	SUSPENDTIME	The number of seconds (rounded down) for which the task has been suspended since last dispatch, if its RUNSTATUS value is SUSPENDED. If the task is running or dispatchable, the SUSPENDTIME value is 0.
Reason task is suspended	SUSPENDTYPE	Indicates why this task is suspended, if it is (blanks are returned for tasks that are running or dispatchable).
Resource for which task is waiting	SUSPENDVALUE	The name of the resource for which this task is waiting (the name of the file if the task is enqueued on a record, for example). SUSPENDVALUE applies only to suspended tasks; if the task is running or dispatchable, the value returned is blanks.
Task suspend time	SUSPTIME	This is a composite field displaying one of the following elements: • The total elapsed time for which the task was suspended. • The number of times this task was suspended.
Number of syncpoint requests	SYNCCOUNT	The number of syncpoint requests issued by this task.

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
Waiting for parent syncpoint delay time	SYNCDLY	This is a composite field displaying one of the following elements: • The total amount of time that this transaction has spent waiting for its parent transaction to syncpoint, such that its updates will be committed. • The number of times the task waited for a its parent transaction to syncpoint, such that its updates will be committed. For CICS BTS this field records the times this task spent waiting for a syncpoint from its parent task that started this task by issuing Run Process or Run Activity Synchronously.
Syncpoint wait time	SYNCPTWAITTM	This is a composite field displaying one of the following elements: • The total elapsed time for which this task was dispatched or suspended while processing syncpoint requests. • The number of times the task was dispatched or suspended while prcessing syncpoint requests.
Number of FEPI allocate timeouts	SZALLCTO	Number of times the user task timed out while waiting to allocate a conversation.
Number of FEPI allocate requests	SZALLOCT	Number of conversations allocated by the user task.
Number of FEPI characters received	SZCHRIN	Number of characters received through FEPI by the user task.
Number of FEPI characters sent	SZCHROUT	Number of characters sent through FEPI by the user task.
Number of FEPI receive requests	SZRCVCT	Number of FEPI RECEIVE requests made by the user task.
Number of FEPI receive timeouts	SZRCVTO	Number of times the user task timed out while waiting to receive data.
Number of FEPI send requests	SZSENDCT	Number of FEPI SEND requests made by the user task.
Number of FEPI start requests	SZSTRTCT	Number of FEPI START requests made by the user task.
Total number of FEPI requests	SZTOTCT	Total number of all FEPI API and SPI requests made by the user task.
FEPI suspend time	SZWAIT	This is a composite field displaying one of the following elements: • Total elapsed time for which the user task waited for all FEPI services. • The number of times this task waited for any FEPI service.
Task ID	TASK	The ID of the task.
Data storage key	TASKDATAKEY	The storage key of the storage CICS allocates at task initialization for the duration of the task (task-lifetime storage), and which is accessible by the application. These storage areas are the EXEC interface block (EIB) and the transaction work area (TWA). Values are: • Userdatakey - CICS obtains user-key storage for this transaction. Application programs executing in any key can both read and modify these storage areas. • Cicsdatakey - obtains CICS-key storage for this transaction. Application programs executing in CICS key can both read and modify these storage areas. Application programs executing in user key can only read these storage areas. Userdatakey must be specified if any of the programs in the transaction is defined with USER. If you specify Cicsdatakey for a transaction, an attempt to run any program in user key under this transaction leads to a task abend, with abend code AEZD.

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
Data location	TASKDATALOC	Indicates whether task life-time storage acquired by CICS for the duration of the transaction can be located above the 16MB line in virtual storage. These areas, which relate to specific CICS tasks, include the EXEC interface block (EIB) and the transaction work area (TWA). Values are: • BELOW - Storage areas that CICS acquires for the transaction must be located below the 16MB line. • ANY - Storage areas that CICS acquires for the transaction can be located above the 16MB line in virtual storage.
Transaction error flags	TASKFLAG	The transaction error flags for this task.
Delay time waiting for session allocation	TCALWTT	The amount of time that this task has spent waiting for a session to be allocated.
CICS TCB type	TCB	The type of CICS TCB under which the task is running: • CKOPEN - The task is running under a CICS key open TCB. • UKOPEN - The task is running under a user key open TCB. • QR - The task is running under the CICS quasi-reentrant TCB. • INTERNAL - The user task is running under one of the other CICS-managed TCBs.
Number of CICS dispatcher TCB attaches	TCBATTCT	The number of CICS Dispatcher TCB Attaches issued by this task.
Number of secondary LU6.2 characters received	TCC62IN2	The number of secondary LU6.2 characters received by this task.
Number of secondary LU6.2 characters sent	TCC62OU2	Number of characters sent to the alternate facility by the user task for LU6.2 sessions.
Terminal I/O wait time	TCIOTIME	This is a composite field displaying one of the following elements: • The total terminal I/O wait time. • The number of times this task waited for terminal I/O.
First dispatch delay time caused by TCL	TCLDELAY	This is a composite field displaying one of the following elements: • The elapsed time waiting for the first dispatch which was delayed because of the limits set for this transaction's transaction class. • The number of delays during the first dispatch due to limits set for this transaction's transaction transaction class.
Number of secondary LU6.2 messages received	TCM62IN2	Number of messages received from the alternate facility by the user task for LU6.2 sessions.
Number of secondary LU6.2 messages sent	TCM62OU2	Number of messages sent to the alternate facility by the user task for LU6.2 sessions.
Total number of transient data requests	TDCOUNT	The number of transient data requests issued by this user task, including GET, PUT, and PURGE requests.
TD extrapartition lock wait time	TDELWTT	This is the amount of time the task has waited for the TD extrapartition lock.
Number of transient data get requests	TDGETCNT	The total number of Transient Data get/read requests issued by this task.
TD intrapartition lock wait time	TDILWTT	This is the amount of time the task has waited for the TD intrapartition lock.
Transient data I/O wait time	TDIOTIME	This is a composite field displaying one of the following elements: • The total transient data I/O wait time. • The number of times this task waited for transient data I/O.
Number of transient data purge requests	TDPURCNT	The total number of Transient Data purge/delete requests issued by this task.
Number of transient data put requests	TDPUTCNT	The total number of Transient Data put/write requests issued by this task.
Terminal connection name	TERMCONNAME	The name of the terminal session connection.

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
Actual terminal ID or session ID	TERMID	This is the actual Terminal Identification that the task is executing upon. In a Transaction Routing environment this will be the ID of the Session the task is routed across and TermConn will contain the system ID of the connection that this session belongs to.
Terminal information	TERMNALINFO	Terminal information.
Terminal storage	TERMSTG	The average amount of terminal storage (TIOA) allocated to the terminal associated with the transaction.
Atom Service name	TMRATMSN	Atom Service name
Total number of BIF DIGEST requests	TMRBFDGC	Total number of BIF DIGEST requests
Total number of BIF requests	TMRBFTC	Total number of BIF requests
CorbaServer name	TMRCBRNM	The name of the CorbaServer associated with the task. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
Number OO class library API requests	TMRCFACT	The total number of OO class library API requests.
Client IP Port	TMRCIPOR	The port number of the client.
CICS TCB Change Mode delay time	TMRCMDLY	This is a composite field displaying one of the following elements: • The elapsed time in which the user task waited for redispatch after a CICS Dispatcher change-TCB mode request was issued by or on behalf of the user task. • The number of times the user task waited for redispatch after a CICS Dispatcher change-TCB mode request was issued by or on behalf of the user task. For example, a change-TCB mode request from a CICS L8 or S8 mode TCB back to the CICS QR mode TCB might have to wait for the QR TCB because another task is currently dispatched on the QR TCB.
Number of Document Delete requests	TMRDHDLC	The number of document delete requests issued by this task.
MVS DS storage constraint wait time	TMRDSCWT	This is a composite field displaying one of the following elements: • The elapsed time which the user task spent waiting because no TCB was available, and none could be created because of MVS storage constraints. • The number of times the user task waited because no TCB was available, and none could be created because of MVS storage constraints.
Dispatcher TCB mismatch wait time	TMRDSMWT	This is a composite field displaying one of the following elements: • The total amount of TCB mismatch wait time, that is, TCB requests that waited because there was no TCB available matching the request, but there was at least one non-matching free TCB. • The number of TCB requests that waited because there was no TCB available matching the request, but there was at least one non-matching free TCB.
CICS dispatcher TCB high water mark	TMRDSTHW	The peak number of CICS dispatcher TCBs in use.
Number of EVENTS captured	TMRECEVC	Number of EVENTS captured
Number of event filter requests	TMRECFOC	Number of event filter requests
Number of synchronous emission events captured	TMRECSEC	The number of synchronous emission EVENTs captured.
Number of SIGNAL EVENT requests	TMRECSGE	Number of SIGNAL EVENT requests
Total number of EXEC CICS requests	TMREICTC	Total number of EXEC CICS requests

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
Number of bean state activation requests	TMREJBAC	The number of bean state activation requests issued by this task. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
Number of bean creation requests	TMREJBCC	The number of enterprise bean creation requests issued by this task. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
Number of bean state passivation requests	TMREJBPC	The number of bean state passivation requests issued by this task. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
Number of bean removal requests	TMREJBRC	The number of ALLOCATE requests issued by this task. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
Total number of Enterprise bean requests	TMREJBTC	The number of enterprise bean requests issued by this task. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
Number of Enterprise bean method calls	TMREJMCT	The number of enterprise bean method calls issued by this task. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
Maximum Hot-Pooling TCB delay time	TMRHTDLY	This field is obsolete.
Total local START CHANNEL requests	TMRICSCC	The number of local START CHANNEL requests issued by this task.
Data length of all local START CHANNEL requests	TMRICSCD	The data length of all local START CHANNEL requests issued by this task.
Total remote START CHANNEL requests	TMRICSRC	The total number of remote START CHANNEL requests issued by this task.
Data length of all remote START CHANNEL requests	TMRICSRD	The data length of all remote START CHANNEL requests issued by this task.
Number of IPCONN allocate requests	TMRISACT	The number of allocate session requests issued by the task for sessions on IP intercommunications connections.
IPCONN Name	TMRISCNM	The name of the IP interconnectivity entry (IPCONN) that defines an IP intercommunications connection associated with this transaction.
IPCONN I/O wait time	TMRISWT	This is a composite field displaying one of the following elements: • The amount of time the task has spent waiting for the work on the IP intercommunications connection to complete. • The number of times the task waited for work on the IP intercommunications connection to complete.
J9 TCB mode CPU time	TMRJ9CPU	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the J9 TCB Mode. • The number of times this task was dispatched on the J9 TCB Mode. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
JVM server thread wait time	TMRJSTWT	This is a composite field displaying one of the following elements: • The amount of time the task has spent waiting for work on the JVM server thread • The number of times the task waited for work on the JVM server thread
Maximum Java virtual machine (JVM) TCB delay time	TMRJTDLY	This is a composite field displaying one of the following elements: • Delay incurred by this task due to waiting on the MAXJVMTCBS limit. • The number of times the task waited on the limit set by the system parameter MAXJVMTCBS. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
Java virtual machine elapsed time - initialise	TMRJVMIT	This is a composite field displaying one of the following elements: • The elapsed time spent initializing the JVM environment. • The number of times the JVM environment was initialized.
Java virtual machine elapsed time - resetting	TMRJVMRT	This is a composite field displaying one of the following elements: • The elapsed time spent resetting the JVM environment. • The number of times the JVM environment was reset.

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
User task key 8 mode CPU time	TMRKY8CP	This is a composite field displaying one of the following elements: • The key 8 mode CPU time used by this task. • The number of times that this task was dispatched in key 8 mode.
User task key 8 mode dispatch time	TMRKY8DS	This is a composite field displaying one of the following elements: • The key 8 mode dispatch time used by this task. • The number of times that this task was dispatched in key 8 mode.
User task key 9 mode CPU time	TMRKY9CP	This is a composite field displaying one of the following elements: • The total CPU time during which the user task was dispatched by the CICS dispatcher on a CICS Key 9 mode TCB. • The number of times this task was dispatched on a key 9 mode TCB. L9 mode TCBs are used for USERKEY OPENAPI application programs.
User task key 9 mode dispatch time	TMRKY9DS	This is a composite field displaying one of the following elements: • The total elapsed time during which the user task was dispatched by the CICS dispatcher on a CICS Key 9 mode TCB. • The number of times this task was dispatched on a key 9 mode TCB. L9 mode TCBs are used for USERKEY OPENAPI application programs.
User task L9 mode CPU time	TMRL9CPU	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the L9 TCB Mode. • The number of times this task was dispatched on the L9 TCB Mode. L9 mode TCBs are used for USERKEY OPENAPI application programs.
XML System Services CPU time	TMRMLCTM	XML System Services CPU time
Total document length	TMRMLTDL	Total document length
Number of EXEC CICS XML TRANSFORM requests	TMRMLXTC	Number of EXEC CICS XML TRANSFORM requests
WebSphere MQ API SRB timeme	TMRMQAST	This is a composite field displaying one of the following elements: • The total amount of CPU time spent on an SRB in WebSphere MQ whilst performing the api request. • The number of times the task accumulated the SRB time.
Websphere MQ Getwait wait time	TMRMQGWT	This is a composite field displaying one of the following elements: • The amount of time the task has spent waiting for WebSphere MQ to service the task's GETWAIT requests. • The number of times the task waited for WebSphere MQ to service the task's GETWAIT requests.
Network id	TMRNETID	The ID of the network.
LU6.2 network-wide UOW instance and sequence number	TMRNETSX	The name by which the network unit-of-work ID is known within the originating system. This name is assigned at transaction attach time using either a STCK-derived token created by the originating system, or the network unit-of-work ID passed as part of an IRC (MRO) or ISC (APPC) attach function management header (FMH).
OTS indoubt wait time	TMROIDWT	This is a composite field displaying one of the following elements: • The object transaction service indoubt wait time. • The number of times that this task waited indoubt for object transaction services.
OTS transaction id	TMROTSID	The Object Transaction Service transaction wait time.
Number of DPL program link requests with channel	TMRPCDCC	The number of DPL program link requests issued by this task.

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
Data length of all DPL program links with channel	TMRPCDLL	The total length of the data in the containers of all the distributed program link (DPL) requests issued with the CHANNEL option by the user task. This total includes the length of any headers to the data.
Total data length of all DPL returns with channel	TMRPCDRL	The total length of the data in the containers of all DPL RETURN CHANNEL commands issued by the user task. This total includes the length of any headers to the data.
Number of program link requests with channel	TMRPCLCC	The total number of program link requests with channel issued by this task.
Number of program return requests with channel	TMRPCRCC	The number of program return requests with channel issued by this task.
Data length of all program returns with channel	TMRPCRCL	The total length of the data in the containers of all the remote pseudoconversational RETURN CHANNEL commands issued by the user task. This total includes the length of any headers to the data.
Number of program XCTL requests with channel	TMRPCXCC	The total number of program XCTL requests issued by this task.
Number of browse container channel requests	TMRPGBCC	The number of browse container channel requests issued by this task.
Number of containers created for channel containers	TMRPGCCC	The number of containers created for channel containers by this task.
Total number of channel data container requests	TMRPGCTC	The total number of channel data container requests issued by this task.
Number of get container channel requests	TMRPGGCC	The number of GET CONTAINER and GET64 CONTAINER channel requests issued by this task.
Data length of all get container channel requests	TMRPGGCL	The data length of all GET CONTAINER and GET64 CONTAINER channel requests issued by this task. @
Number of move container channel requests	TMRPGMCC	The number of move container channel requests issued by this task.
Number of put container channel requests	TMRPGPCC	The number of PUT CONTAINER and PUT64 CONTAINER channel requests issued by this task.
Data length of all put container channel requests	TMRPGPCL	The data length of all PUT CONTAINER and PUT64 CONTAINER channel requests issued by this task.
Pipeline name	TMRPIPLN	Pipeline name
TCP/IP service port number	TMRPORTN	The port number used by the TCP/IP service.
Partner wait time	TMRPTPWT	This is a composite field displaying one of the following elements: • The total partner wait time. • The number of times that this task waited for the partner transaction to complete.
Real LUNAME	TMRRLUNM	The name of the VTAM logical unit of the terminal associated with this transaction.
User task RO mode CPU time	TMRROCPU	This is a composite field displaying one of the following elements: • The read only mode CPU time used by this task. • The number of times that this task was dispatched in read only mode.
User task RO mode dispatch time	TMRRODSP	This is a composite field displaying one of the following elements: • The read only mode dispatch time, in seconds, used by this task. • The number of times that this task was dispatched in read only mode.
Request processor wait time	TMRRQPWT	This is a composite field displaying one of the following elements: • The elapsed time spent waiting for a request processor I/O operation. • The number of times that this task waited for a request processor I/O operation.

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
Request receiver wait time	TMRRQRWT	This is a composite field displaying one of the following elements: • The elapsed time spent waiting for a request receiver I/O operation. • The number of times that this task waited for a request receiver I/O operation.
Number characters received	TMRSOCIN	The number of characters received by this task.
Number CREATE non-persistent socket requests	TMRSOCNS	The number of Create non-persistent socket requests issued by this task.
Number characters sent	TMRSOCOT	The number of characters sent by this task.
Number CREATE persistent socket requests	TMRSOCPS	The number of Create persistent socket requests issued by this task.
EXTRACT TCPIP and EXTRACT CERTIFICATE request count	TMRSOERC	The total number of EXTRACT TCPIP and EXTRACT CERTIFICATE requests.
Number inbound socket characters received	TMRSOI1C	The number inbound socket characters received by this task.
Number inbound socket receive requests	TMRSOIMC	The number inbound socket receive requests issued by this task.
Non-persistent socket HWM	TMRSONHW	The peak number of non-persistent sockets associated with this task.
Number inbound socket characters sent	TMRSOO1C	The number inbound socket characters sent by this task.
Number inbound socket send requests	TMRSOOMC	The number inbound socket send requests by this task.
Outbound socket I/O wait time	TMRSOOWT	This is a composite field displaying one of the following elements: • The total outbound socket I/O wait time. • The number of times that this task waited for outbound socket I/O.
Persistent socket HWM	TMRSOPHW	The peak number of persistent sockets.
Number socket receive requests	TMRSORCT	The total number of socket receive requests issued by this task.
Number socket send requests	TMRSOSCT	The total number of socket send requests issued by this task.
Total number socket requests	TMRSOTC	The total number of socket requests issued by this task.
Maximum CICS SSL TCB delay time	TMRSTDLY	This is a composite field displaying one of the following elements: • The elapsed time in which the user task waited to obtain a CICS SSL TCB (S8 mode), because the CICS system had reached the limit set by the system initialization parameter MAXSSLTCBS. • The number of times the user task waited to obtain a CICS SS TCB (S8 mode), because the CICS system had reached the limit set by the system initialization parameter MAXSSLTCBS.
User task T8 mode cpu time	TMRT8CPU	User task T8 mode cpu time
TCP/IP Service name	TMRTCPSV	The name of the TCP/IP service.
Transaction group id	TMRTGPID	The identifier of the transaction group associated with this task.
Number of EXEC CICS ASKTIME requests	TMRTIATC	Number of EXEC CICS ASKTIME requests
Total number of EXEC CICS xxxTIME requests	TMRTITC	Total Number of EXEC CICS xxxTIME requests
Transaction sequence number	TMRTRSN	The sequence number of the transaction.
Maximim thread TCB delay time	TMRTTDLY	Maximum thread TCB delay time
URI map name	TMRURIMN	URI map name
Number of web browse requests	TMRWBBOC	The total number of web browse requests issued by this task.

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
Number WEB BROWSE requests	TMRWBBRC	The number of web browse requests issued by this transaction.
Number WEB EXTRACT requests	TMRWBERC	The number of web extract requests issued by this transaction.
Number of bytes received by web requests	TMRWBI1C	The number of bytes received by web requests issued by this task.
Number of web receive requests	TMRWBIRC	The total number of web receive requests issued by this task.
Number of invoke web service requests	TMRWBIWC	The number of invoke web service requests issued by this task.
Number of bytes sent by web send requests	TMRWBO1C	The number of bytes sent by web send requests issued by this task.
Number of web send requests	TMRWBOSC	The total number of web send requests issued by this task.
Number of web parse requests	TMRWBPRC	The total number of web parse requests issued by this task.
Data length of data read from the repository	TMRWBRDL	The data length of data read from the repository.
Number of web read requests	TMRWBROC	The total number of web read requests issued by this task.
Number repository reads	TMRWBRPR	The total number of repository read requests issued by this task.
Number WEB READ requests	TMRWBRRC	The number of web read requests issued by this transaction.
Data length of data written to the repository	TMRWBWDL	The total length of the data written to the repository in temporary storage by the user task.
Number of web write requests	TMRWBWOC	The total number of web write requests issued by this task.
Number WEB WRITE requests	TMRWBWRC	The number of web write requests issued by this transaction.
Total number Websphere MQ requests	TMRWMQRC	The total number of Websphere MQ requests for the task.
Program name	TMRWPBMN	Program name
Total number of WS addressing requests	TMRWSATC	Total number of WS addressing requests
Number of WSACONTEXT BUILD requests	TMRWSCBC	Number of WSACONTEXT BUILD requests
Number of WSACONTEXT GET requests	TMRWSCGC	Number of WSACONTEXT GET requests
Number of WSAEPR create requests	TMRWSEPC	WSAEPCCT - Number of WSAEPR CREATE requests
Web Services Operation name	TMRWSOPN	Web Services Operation name
Webservice name	TMRWSVCN	Webservice name
User task X8 mode CPU time	TMRX8CPU	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the X8 TCB Mode. • The number of times this task was dispatched on the X8 TCB Mode.
User task X9 mode CPU time	TMRX9CPU	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the X9 TCB Mode. • The number of times this task was dispatched on the X9 TCB Mode.

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
Maximum CICS XPLink TCB delay time	TMRXTDLY	This is a composite field displaying one of the following elements: • The maximum CICS XPLink TCB delay time. • The number of times the user task waited to obtain a CICS XPLink TCB.
Task tracing type	TRACING	Indicates the type of tracing for this task. • SPECTRACE - Tracing for this task is special. • SPRSTRACE - Tracing for this task is suppressed. • STANTRACE - Tracing for this task is standard.
Transaction class	TRANCLASS	The name of the transaction class to which the task belongs. If the task is not assigned to any class, the default class DFHTCL00 is returned. If the task belongs to a numbered class, the value returned is DFHTCLnn, where nn is the 2-digit class number.
Transaction flags	TRANFLAGS	The CICS transaction definition and status information flags for the transaction.
Transaction	TRANID	The name of the transaction associated with the task.
Transaction priority	TRANPRIORITY	The component of the total priority of the task that came from the PRIORITY option in the definition of the TRANSACTION being executed.
Transaction type	TRANTYPE	The transaction start type. Values are: • TO - Attached from terminal input • S - Attached by automatic transaction initiation (ATI) without data • SD - Attached by automatic transaction initiation (ATI) with data • QD - Attached by transient data trigger level • U - Attached by user request • TP - Attached from terminal TCTTE transaction ID • SZ - Attached by Front End Programming Interface (FEPI)
Transaction routing profile name	TRPROF	The name of the profile that is used for transaction routing.
Total number of temporary storage requests	TSCOUNT	The number of temporary storage requests issued by this user task, including GET, PUT, and PURGE requests.
Number of temporary storage gets	TSGETCNT	The total number of Temporary Storage get/read requests issued by this task.
Number of TS gets to shared storage	TSGETSCNT	The number of TS gets to shared storage.
Temporary storage I/O wait time	TSIOTIME	This is a composite field displaying one of the following elements: • The total temporary storage I/O wait time. • The number of times this task waited for temporary storage I/O.
Number of TS puts to auxiliary storage	TSPUTACNT	The number of TS puts to auxiliary storage.
Number of TS puts to main storage	TSPUTMCNT	The number of TS puts to main storage.
Number of TS puts to shared storage	TSPUTSCNT	The number of TS puts to shared storage.
Size in bytes of transaction work area (TWA)	TWASIZE	Indicates the size of the associated transaction work area (TWA) in bytes.
Local unit of work (UOW) ID	UNITOFWORK	The local identifier of the unit of work associated with the task. The unit of work identifier is used to synchronize recovery operations among CICS and other resource managers, such as IMS and DB2.
Recovery manager UOW unshunted	UNSHUNTED	The total number of units of work that lost connection to their recovery coordinator during syncpoint processing but were not shunted for indoubt failure.
Network UOW instance and sequence number	UOWID	The local identifier of the unit of work associated with this task.
User ID	USERID	The ID of the user currently associated with the task.

Table 212. Fields in TASK views (continued)

Field	Attribute name	Description
Maximum program storage in UDSA	USRPS24HWM	The high-water mark number of bytes used by this task for programs in the UDSA.
Maximum program storage in EUDSA	USRPS31HWM	The high-water mark number of bytes used by this task for programs in the EUDSA.
User storage GETMAIN request count below 16MB	USTG24CNT	The number of user storage GETMAIN requests issued by this user task for storage below the 16MB line.
Peak number of bytes used by task in UDSA	USTG24HWM	The high-water mark number of bytes used by this task in the UDSA.
Average storage usage below 16 MB line	USTG24OCC	The average storage occupancy of the user task below the 16MB line. This measures the area under the curve of storage in use against elapsed time.
User storage GETMAIN request count above 16MB	USTG31CNT	The number of user storage GETMAIN requests issued by this user task for storage above the 16MB line.
Peak number of bytes used by task in EUDSA	USTG31HWM	The High-Water-Mark number of bytes used by this task in the EUDSA.
Average storage usage above 16 MB line	USTG31OCC	The average storage occupancy of the user task above the 16MB line. This measures the area under the curve of storage in use against elapsed time.
Dispatch wait time	WAITTIME	This is a composite field displaying one of the following elements: • The average time the task spent waiting for redispatch. • The number of times this task waited for redispatch.
Number of characters received via WEB requests	WBCHRIN	The number of characters received via the WEB as a result of WEB Receives issued by this task.
Number of characters sent via WEB requests	WBCHROUT	The number of characters sent via the WEB as a result of WEB Sends issued by this task.
INVOKE SOAP service faults	WBISSFCT	The number of INVOKE xxxSERVICE SOAP faults.
JSON response body length	WBJSNRPL	The JSON response body length
JSON request body length	WBJSNRQL	The JSON request body length
Number of WEB receive requests	WBRCVCT	The number of WEB Receive requests issued by this task.
Number of WEB repository writes	WBREPWCT	The number of WEB Repository write requests issued by this task.
Number of WEB send requests	WBSENDCT	The number of WEB Send requests issued by this task.
SOAPFAULT CREATE requests	WBSFCRCT	The number of SOAPFAULT CREATE requests.
Total SOAPFAULT CREATE requests	WBSFTOCT	The total number of SOAPFAULT CREATE requests.
SOAP request body length	WBSREQBL	The length of the SOAP request body length.
SOAP response body length	WBSRSPBL	The length of the SOAP response body length.
Total number of WEB requests	WBTOTCT	The total number of WEB requests issued by this task. This does not include the number of repository write requests.
Workload manager report class name	WLMRPTRCNAME	The MVS Workload Manager (WLM) report class for this transaction.
Workload manager service class name	WLMSRVCNAME	The MVS Workload Manager (WLM) service class for this transaction.

Completed tasks - HTASK

The **completed tasks (history)** (HTASK) views display information about completed tasks; that is tasks that previously ran in a system managed by

CICSPlex SM, but have now been completed. Once a task completes, information can be obtained by the HTASK resource, provided CICSPlex SM history recording has been activated for that task.

Supplied views

To access from the main menu, click:

CICS operations views > Task operations views > Completed tasks

Table 213. Views in the supplied **Completed task (history)** *(HTASK) view set*

View	Notes
Completed task (history) EYUSTARTHTASK.DETAIL1	Identification details of a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL10	Program storage information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL11	JVM usage information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL12	Shared storage information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL13	Web and Document request information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL14	FEPI communications information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL15	Enterprise bean usage information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL16	Resource manager interface (RMI) usage information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL17	Task association data
Completed task (history) EYUSTARTHTASK.DETAIL2	Clocks and timings information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL3	Settings information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL4	Request count information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL5	Communications requests information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL6	Storage usage information about a selected task. Note: For the GETMAIN requests table below, GETMAIN requests have no meaning with regard to GCDSA and will remain blank.
Completed task (history) EYUSTARTHTASK.DETAIL7	TCP/IP communications information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL8	CICS BTS requests information about a selected task.

Table 213. Views in the supplied **Completed task (history)** *(HTASK) view set (continued)*

View	Notes
Completed task (history) EYUSTARTHTASK.DETAIL9	CPU and TCB information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAILED	Detailed general information about a selected task.
Completed task (history) EYUSTARTHTASK.TABULAR	Tabular information about tasks completed within a specified number of seconds from the present time.
Completed task (history) EYUSTARTHTASK.TABULAR1	Tabular information about tasks completed within a time period (in seconds) from a specified start time.
Completed task (history) EYUSTARTHTASK.TABULAR2	Tabular information about tasks completed from a start time to an end time.
Completed task (history) EYUSTARTHTASK.TABULAR3	Tabular information about association data for completed tasks.

Actions

None.

Fields

Table 214. Fields in HTASK views

Field	Attribute name	Description
Current ABEND code	ABCODEC	The identifier of the current abend code.
Original ABEND code	ABCODEO	The name of the original abend code.
Initial Application Name	ACAPPLNAME	The name of the initial application associated with this task.
Initial Application Major Version	ACMAJORVER	The major version of the initial application associated with this task.
Initial Application Micro Version	ACMICROVER	The micro version of the initial application associated with this task.
Initial Application Minor Version	ACMINORVER	The minor version of the initial application associated with this task.
Initial Application Operation	ACOPERNAME	The operation being performed by the initial application associated with this task.
Initial Platform	ACPLATNAME	The name of the initial platform associated with this task.
BTS activity ID	ACTVTYID	The CICS Business Transaction Services activity ID that this task represents.
BTS activity name	ACTVTYNM	The CICS Business Transaction Services activity name that this task represents.
Number of ALLOCATE requests	ALLOCATES	The total number of allocate requests by this task.
Application naming - program name	APPLNAMEPROG	Application naming program name.
Application naming - transaction name	APPLNAMETRAN	Application naming transaction name.
Number of EXEC CICS FREE CHILD commands	ASFREECT	The number of EXEC CICS FREE CHILD commands that have been issued by the user task.
Number of EXEC CICS FETCH commands	ASFTCHCT	The number of EXEC CICS FETCH commands that have been issued by the user task.

Table 214. Fields in HTASK views (continued)

Field	Attribute name	Description
EXEC CICS FETCH wait time	ASFTCHWT	This is a composite field displaying one of the following elements: • The elapsed time that the user task waited for a child task as a result of issuing an EXEC CICS FETCH CHILD command. • The count of times the EXEC CICS FETCH API had to suspend for a child task which was not completed.
EXEC CICS RUN TRANSID delayed time	ASRNATWT	This is a composite field displaying one of the following elements: • The elapsed time that the user task was delayed because of child task limits managed by the asynchronous services domain • The count of times the user task was delayed because of child task limits managed by the asynchronous services domain.
Number of EXEC CICS RUN TRANSID commands	ASRUNCT	The number of EXEC CICS RUN TRANSID commands that have been issued by the user task.
Number of asynchronous API commands	ASTOTCT	The total number of EXEC CICS asynchronous API commands that have been issued by the user task.
BTS activity data container requests	BAACDCCT	The number of activity data container requests issued by this task.
BTS acquire requests	BAACQPCT	The number of CICS Business Transaction Server (BTS) acquire process and acquire activity requests issued by this task.
BTS define activity requests	BADACTCT	The number of define activity requests issued by this task.
BTS delete activity and cancel requests	BADCPACT	The number of delete activity and cancel process/activity requests issued by this task.
BTS define input event requests	BADFIECT	The number of define input event requests issued by this task.
BTS define process requests	BADPROCT	The number of define process requests issued by this task.
BTS link requests	BALKPACT	The number of link process/activity requests issued by this task.
BTS process data container requests	BAPRDCCT	The number of process data container requests issued by this task.
BTS run asynchronous requests	BARASYCT	The number of run process/activity requests issued by this task in asynchronous mode.
BTS retrieve reattach event requests	BARATECT	The number of retrieve reattach event requests issued by this task.
BTS resume requests	BARMPACT	The number of resume process/activity requests issued by this task.
BTS reset requests	BARSPACT	The number of reset process/activity requests issued by this task.
BTS run synchronous requests	BARSYNCT	The number of run process/activity requests issued by this task in synchronized mode.
BTS suspend requests	BASUPACT	The number of suspend process/activity requests issued by this task.
BTS timer associated event requests	BATIAECT	The number of timer associated event requests issued by this task. This field includes: • DEFINE TIMER EVENT • CHECK TIMER EVENT • DELETE TIMER EVENT • FORCE TIMER EVENT
BTS total data container requests	BATOTCCT	The total number of data container requests issued by this task.
BTS total event requests	BATOTECT	The total number of event requests issued by this task.
BTS total requests	BATOTPCT	The total number of process/activity requests issued by this task.
Total number of BMS requests	BMSCOUNT	The number of terminal control, or basic mapping support (BMS), requests issued by this user task, including MAP, IN, and OUT requests.
Number of BMS map in requests	BMSINCNT	The number of BMS map in requests by this task.
Number of BMS map requests	BMSMAPCNT	The number of BMS map requests by this task.

Table 214. Fields in HTASK views (continued)

Field	Attribute name	Description
Number of BMS map out requests	BMSOUTCNT	The number of BMS map out requests by this task.
Transaction ID started by bridge	BRDGTRAN	Indicates whether or not this transaction was started by the 3270 bridge facility. The field will indicate 'No' if CICS monitoring is not switched on.
Bridge transaction ID	BRIDGE	The original transaction ID of this transaction as initiated by the 3270 bridge.
Workload manager begin-to-end phase complete	BTECOMP	The total begin-to-end phase of the work request (transaction) is complete.
Number of GETMAIN requests in CDSA	CDSAGETM	The total number of CDSA GETMAIN requests.
Maximum program storage in CDSA	CDSAPSHWM	The high-water-mark number of bytes used by this task for programs in the CDSA.
Peak number of bytes used by task in CDSA	CDSASHWM	The peak number of bytes used by this task in the CDSA.
Average CDSA storage usage	CDSASOCC	The average storage occupancy in the CDSA. This measures the area under the curve of storage in use against elapsed time.
CEC machine type	CECMCHTP	CEC machine type number in EBCDIC.
CEC model number	CECMDLID	CEC model identification number in EBCDIC.
CFDT wait time	CFDTWAIT	This is a composite field displaying one of the following elements: • The elapsed time in which the task waited for CFDT file I/O. • The number of times the task waited for CFDT file I/O.
Number of primary TC characters received	CHARIN	The number of primary terminal control characters received.
Number of secondary TC characters received	CHARINSEC	The number of secondary terminal control characters received by this task.
Number of primary TC characters sent	CHAROUT	The number of primary terminal control characters sent.
Number of secondary TC characters sent	CHAROUTSEC	The number of secondary terminal control characters sent by this task.
Number of CICS dispatcher change modes	CHMODECT	The number of CICS Dispatcher TCB Change Mode requests issued by this task.
CICS event wait time	CICSWAIT	This is a composite field displaying one of the following elements: • The total CICS event wait time. • The number of times the task waited for an event.
Client IP address	CLIPADDR	The IPv4 or IPv6 address of the client that initiated this task.
Give-up-control wait time	CONTROLWAIT	This is a composite field displaying one of the following elements: • The average time spent waiting after the task gave up control to other transactions. • The number of times the task waited as a result of giving up control to other transactions.
Correlation UOW ID	CORREUOW	The ID of the correlation unit of work.
User task CPU time	CPUTIME	The CPU time, in seconds, used by this task. If monitoring is inactive, the value 0000:00:00.000000 is returned.
Total CPU time on a CP	CPUTONCP	Total task CPU time on a standard CP
Current tasks	CURTASKS	Current number of tasks value at the time the user task was attached.
DB2 connection(TCB) wait time	DB2CONWT	This is a composite field displaying one of the following elements: • The amount of time that this task has spent waiting for DB2 connections. • The number of times the task waited for DB2 connections.

Table 214. Fields in HTASK views (continued)

Field	Attribute name	Description
DB2 ready queue wait time	DB2RDYQW	This is a composite field displaying one of the following elements: • The amount of time that this task has spent waiting on the DB2 ready queue. • The number of times the task waited on the DB2 ready queue.
Total number of DB2 requests	DB2REQCT	The number of DB2 Database requests (SQL and IFI) issued by this task.
DB2 request wait time	DB2WAIT	This is a composite field displaying one of the following elements: • The amount of time that this task has spent waiting for DB2 Database Requests to complete. • The number of times the task waited for DB2 Database Requests to complete. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
Transaction type details	DETTRANTYPE	The details of the transaction type. Valid values are: BRIDGE, CICSBTS, DPL, MIRROR, NONE, ONCRPC, SYSTEM, WEB
Number of DOCUMENT CREATE requests	DHCRECT	The number of document create requests issued by this task.
Number of DOCUMENT INSERT requests	DHINSCT	The number of document insert requests issued by this task.
Number of DOCUMENT RETRIEVE requests	DHRETCT	The number of document retrieve requests issued by this task.
Number of DOCUMENT SET requests	DHSETCT	The number of document set requests issued by this task.
Total number of document requests	DHTOTCT	The total number of document handling requests issued by this task.
Total length of documents created	DHTOTDCL	The total length of documents created by this task.
User task dispatch time	DISPTIME	This is a composite field displaying one of the following elements: • The elapsed time since the task was dispatched. • The number of times this task was dispatched.
Dispatcher allocate pthread wait time	DSAPTHWT	The total time this task has waited for the CICS Dispatcher to allocate a pthread.
First dispatch delay time	DSPDELAY	This is a composite field displaying one of the following elements: • The elapsed time waiting for the first dispatch This time includes the time waiting for MAXT or TRANCLASS limits. • The number of delays during the first dispatch.
Number of GETMAIN requests in ECDSA	ECDSAGETM	The total number of ECDSA GETMAIN requests.
Maximum program storage in ECDSA	ECDSAPSHWM	The high-water-mark number of bytes used by this task for programs in the ECDSA.
Peak number of bytes used by task in ECDSA	ECDSASHWM	The peak number of bytes used by this task in the ECDSA.
Average ECDSA storage usage	ECDSASOCC	The average storage occupancy in the ECDSA. This measures the area under the curve of storage in use against elapsed time.
Local enqueue delay time	ENQDELAY	This is a composite field displaying one of the following elements: • The elapsed time waiting for a task control enqueue. • The number of times this task waited for a task control enqueue.
Workload manager execution phase complete	EXECOMP	The entire execution phase of the work request (transaction) is complete.
External wait time	EXTERNWAIT	This is a composite field displaying one of the following elements: • The average time spent waiting for resources external to CICS. • The number of times the task waited for resources external to CICS. These waits can arise as a result of issuing WAIT EXTERNAL commands or as a result of CICS waiting for external events.

Table 214. Fields in HTASK views (continued)

Field	Attribute name	Description
Exception wait time	EXWAIT	This is a composite field displaying one of the following elements: • The total elapsed time the task has waited on exception conditions. • The number of times this task waited on exception conditions.
Principal facility	FACILITY	The name of the facility associated with initiation of this task, if that facility is a transient data queue or a terminal or system. If the task was initiated otherwise, the facility value is blanks. The FACILITYTYPE field tells you what type of facility caused task initiation, and therefore what FACILITY represents.
Facility type	FACILITYTYPE	Identifies the type of facility that initiated this task. Values are: • TDQUEUE - CICS initiated the task to process a transient data queue that that had reached trigger level; the FACILITY field returns the name of queue. • START - Another task initiated the task with a START command that did not specify a terminal, or CICS created the task internally; the FACILITY field returns blanks in this case. • TERMINAL - Either the task was initiated to process unsolicited input or another task initiated the task with a START command with the TERMID option. In the first case the FACILITY field returns the name of the terminal that sent the input, and in the second, it returns the terminal named in TERMID.
Number of file control ADD requests	FCADDCNT	The total number of file control add/new record write requests issued by this task.
Number of file control access method requests	FCAMCNT	The total number of file control access method requests issued by this task.
Number of file control BROWSE requests	FCBRWCNT	The total number of file control browse requests issued by this task.
Total number of file control requests	FCCOUNT	The number of file control requests issued by this user task, excluding OPEN, CLOSE, ENABLE, and DISABLE requests.
Number of file control DELETE requests	FCDELCNT	The total number of file control delete requests issued by this task.
Number of file control READ requests	FCGETCNT	The total number of file control read requests issued by this task.
File control I/O wait time	FCIOTIME	This is a composite field displaying one of the following elements: • The total file control I/O wait time. • The number of times this task waited for file control I/O.
Number of file control WRITE requests	FCPUTCNT	The total number of file control write requests issued by this task.
File control VSAM string wait time	FCVSWTT	This is a composite field displaying one of the following elements: • The total file control VSAM string wait time. • The number of times this task waited for file control VSAM strings. If tasks are waiting for strings consider increasing the number of VSAM strings.
File control exclusive control wait time	FCXCWTT	This is a composite field displaying one of the following elements: • The total file control exclusive control wait time. • The number of times this task waited for exclusive control of a control interval.
First program name	FIRSTPRGM	The name of the first program invoked at task-attach time.
Number of GETMAIN requests in GCDSA	GCDSAGETM	The total number of GCDSA GETMAIN requests.
Peak number of bytes used by task in GCDSA expressed in 4k pages	GCDSASHWM	Maximum amount (high-water mark) of user-storage (rounded up to the next 4K) allocated to the user task above the bar, in the CICS dynamic storage area (GCDSA).
Global enqueue delay time	GNQDELAY	This is a composite field displaying one of the following elements: • The amount of time spent by this task waiting for a Global enqueue. • The number of times that this task waited for a Global enqueue.

Table 214. Fields in HTASK views (continued)

Field	Attribute name	Description
Number of GETMAIN requests in GUDSA	GUDSAGETM	The total number of GUDSA GETMAIN requests.
Peak number of bytes used by task in GUDSA expressed in 4k pages	GUDSASHWM	Maximum amount (high-water mark) of user-storage (rounded up to the next 4K) allocated to the user task above the bar, in the user dynamic storage area (GUDSA).
Number of Interval Control requests	ICCOUNT	The number of interval control START or INITIATE requests issued by this task. This includes the number of transactions started with EXEC CICS START transid commands, the number of Automatic Transaction Initiations, and the number of internally issued interval control initiates.
Total number of IMS requests	IMSREQCT	The number of IMS database requests issued by this task.
IMS request wait time	IMSWAIT	This is a composite field displaying one of the following elements: • The amount of time that this task has spent waiting for IMS Database Requests to complete. • The number of times the task waited for IMS Database Requests to complete.
Transaction indoubt option	INDOUBT	Indicates the action taken when a CICS region fails, or loses connectivity with its coordinator, during two-phase commit processing, and the UOW has entered an in-doubt state. If WAIT is specified in the Wait Option field, this field has no effect until the wait time expires. The valid values are: • BACKWARD - All changes made to recoverable resources are backed out and the resources are returned to the state they were in before the start of the UOW. • FORWARD - All changes made to recoverable resources are committed and the in-flight UOW is marked as completed.
Recovery manager UOW indoubt failure	INDOUBTFAIL	Indicates whether an in-doubt UOW is to wait pending recovery from a failure that occurs after the UOW has entered the in-doubt state. The valid values are WAIT and NOWAIT.
Indoubt wait time	INDOUBTWAIT	Indicates whether an in-doubt UOW is to wait pending recovery from a failure that occurs after the UOW has entered the in-doubt state. The valid values are WAIT and NOWAIT.
Interval control count	INTVLC	Interval control request count. The number of START, DELAY, CANCEL, RETRIEVE and DELAY requests issued by this task (excluding DELAY INTERVAL(0) requests).
Interval control delay time	INTVLWAIT	This is a composite field displaying one of the following elements: • The total interval control delay time. • The number of times the task waited as a result of interval control services.
Interregion communication (MRO) I/O wait time	IRIOTIME	This is a composite field displaying one of the following elements: • The total inter-region communication I/O wait time. • The number of times this task waited for inter-region communication I/O.
Delay time waiting for IPIC session allocation	ISALWTT	The amount of time that this task has spent waiting for an IPIC session to be allocated.
Data isolation type	ISOLATEST	Identifies whether the user key task-lifetime storage is isolated from the user-key programs of other transactions: • YES - Storage is isolated. • NO - Storage is not isolated.
J8 TCB mode CPU time	J8CPUT	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the J8 TCB Mode. • The number of times this task was dispatched on the J8 TCB Mode. This mode is used by Java applications. This attribute is obsolete from CICS Transaction Server 5.1 onwards.

Table 214. Fields in HTASK views (continued)

Field	Attribute name	Description
Journal control I/O wait time	JCIOTIME	This is a composite field displaying one of the following elements: • The total journal control I/O wait time. • The number of times this task waited for journal control I/O.
Number of journal output requests	JCUSRWCNT	The number of journal output requests issued by this task.
Number of journal write requests	JRNLWRITREQ	The number of journal write requests issued by this task.
Total JVM suspend time	JVMSUSP	This is a composite field displaying one of the following elements: • The amount of elapsed time this task was suspended back in CICS while executing as a Java Virtual Machine (JVM). • The number of times that this task was suspended back in CICS while executing as a Java virtual machine (JVM).
Total JVM elapsed time	JVMTIME	This is a composite field displaying one of the following elements: • The amount of elapsed time this task spent executing as a Java virtual machine (JVM), including time suspended (see JVM suspend time). • The number of times that this task executed as a Java virtual machine (JVM).
L8 TCB mode CPU time	L8CPUT	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the L8 TCB Mode. • The number of times this task was dispatched on the L8 TCB Mode. This mode is used by programs that are defined to be CONCURRENCY=THREADSAFE when they issue DB2 requests.
Lock manager wait time	LOCKMGRWAIT	This is a composite field displaying one of the following elements: • The elapsed time in which the user task waited to acquire a lock on a resource. • The number of times the user task waited to acquire a lock on a resource. A user task cannot explicitly acquire a lock on a resource, but many CICS modules lock resources on behalf of user tasks using the CICS lock manager (LM) domain
Number of CICS logger write requests	LOGGRWRITREQ	The number of CICS Logger write requests issued by this task.
Logical partition name	LPARNAME	The logical partition name in EBCDIC.
LU61 I/O wait time	LU61WTT	This is a composite field displaying one of the following elements: • The total LU6.1 I/O wait time. • The number of times this task waited for LU6.1 I/O.
LU62 I/O wait time	LU62WTT	This is a composite field displaying one of the following elements: • The total LU6.2 I/O wait time. • The number of times this task waited for LU6.2 I/O.
VTAM LU name	LUNAME	The name of the VTAM logical unit of the terminal associated with this transaction
Maximum tasks	MAXTASKS	Maximum number of tasks value at the time the user task was attached.
Number of actions triggered by policy task rules	MPPRTXCD	The number of actions (message, event or abend) that have been triggered by policy task rules.
Number of actions triggered by policy system rules	MPSRACT	The number of actions (message or event) that have been triggered by policy system rules.
Number of times policy system rules evaluated	MPSRECT	The number of times policy system rules have been evaluated.

Table 214. Fields in HTASK views (continued)

Field	Attribute name	Description
Other TCB mode CPU time	MSCPUT	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the CO, D2, EP, FO, JM, RO, RP, SL, SO, SP, SZ and TP TCB Modes. • The number of times that this task was dispatched on the CO, D2, EP, FO, JM, RO, RP, SL, SO, SP, SZ and TP TCB Modes. JM mode is obsolete from CICS Transaction Server 5.1 onwards.
Other TCB mode dispatch time	MSDISPT	This is a composite field displaying one of the following elements: • The amount of time that this task has spent dispatched on the CO, D2, EP, FO, JM, RO, RP, SL, SO, SP, SZ and TP TCB Modes. • The number of times that this task was dispatched on the CO, D2, EP, FO, JM, RO, RP, SL, SO, SP, SZ and TP TCB Modes. JM mode is obsolete from CICS Transaction Server 5.1 onwards.
Number of primary TC messages received	MSGIN	The number of primary terminal control messages received.
Number of secondary TC messages received	MSGINSEC	The number of secondary terminal control messages received by this task.
Number of primary TC messages sent	MSGOUT	The number of primary terminal control messages sent.
Number of secondary TC messages sent	MSGOUTSEC	The number of secondary terminal control messages sent by this task.
First dispatch delay time caused by MXT	MXTDELAY	This is a composite field displaying one of the following elements: • The elapsed time waiting for first dispatch which was delayed because of the limits set by the system parameter, MXT, being reached. • The number of delays during the first dispatch due to the limits set by the system parameter, MXT, being reached.
Maximum open TCB delay time	MXTOTDLY	This is a composite field displaying one of the following elements: • Delay incurred by this task due to waiting on the MAXOPENTCBS Open TCB limit (including that there may be free Open TCBs but they cannot be used by this task). • The number of times the task waited on the MAXOPENTCBS Open TCB limit (including that there may be free Open TCBs but they cannot be used by this task).
Number of named counter get requests	NCGETCNT	The number of named counter get requests.
LU 6.2 network-wide UOW netname	NETNAME	The network name of the originating system.
LU6.2 network-wide UOW ID	NETUOWID	Network ID of the unit of work.
Originating adapter data 1	OADATA1	The first section of the data that was added to the origin data by the adapter.
Originating adapter data 2	OADATA2	The second section of the data that was added to the origin data by the adapter.
Originating adapter data 3	OADATA3	The third section of the data that was added to the origin data by the adapter.
Originating adapter ID	OADID	The adapter identifier added to the origin data by the adapter. This field is blank if the task was not started via an adapter, or if it was and the adapter did not set this value.
Originating Application ID	OAPPLID	The application ID taken from the Origin Descriptor associated with this task.
Originating client IP address	OCLIPADR	The IPv4 or IPv6 address of the originating client (or Telnet client).
Originating client port number	OCLIPORT	The TCP/IP port number of the originating client (or Telnet client).

Table 214. Fields in HTASK views (continued)

Field	Attribute name	Description
Originating facility name	OFCTYNME	The facility name of the originating transaction. If the originating transaction is not associated with a facility, this field is null. The transaction facility type, if any, can be identified using byte 0 of the transaction flags, OTRANFLG (370), field.
Offload eligible on standard CP	OFFLCPUT	Total task CPU time that was offload eligible but ran on a standard CP
Originating network ID	ONETWKID	The network qualifier for the origin region APPLID that the task ran on.
Originating portnumber	OPORTNUM	The port number used by the originating TCPIPSERVICE.
Transaction origin type	ORIGINTYPE	The source of the transaction. This is an interpretation of the primary transaction client type with which the transaction was attached using the CICS transaction manager.
Originating task start time	OSTART	The time when the originating task was started. The time is expressed in GMT.
Originating TCPIPSERVICE	OTCPSVCE	The name of the originating TCPIPSERVICE.
Originating transaction ID	OTRAN	The name of the transaction under which the originating task ran.
Originating transaction flags	OTRANFLG	Originating transaction flags, a string of 64 bits used for signaling transaction definition and status information
Originating task ID	OTRANNUM	The task ID of the originating task.
Originating user correlation data	OUSERCOR	The originating user correlator.
Originating user ID	OUSERID	The user ID under which the originating task ran.
Maximum read-only program storage on RDSA	PC24RHWM	Maximum amount (high-water mark) of program storage in use by the user task below the 16MB line, in read-only dynamic storage area (RDSA).
Maximum shared program storage in SDSA	PC24SHWM	Maximum amount (high-water mark) of program storage in use by the user task below the 16MB line, in the shared dynamic storage area (SDSA).
Maximum shared program storage in ESDSA	PC31SHWM	Maximum amount (high-water mark) of program storage in use by the user task above the 16MB line, in the extended shared dynamic storage area (ESDSA).
Distributed program link (DPL) request count	PCDPLCT	The total number of times this task has issued a CICS Program Control Distributed Program Link to another CICS system.
Number of program LINK requests	PCLINKCNT	The number of program link requests issued by this task.
Number of program LOAD requests	PCLOADCNT	The total number of program load requests issued by this task.
Program load time	PCLOADTM	This is a composite field displaying one of the following elements: • The elapsed time in which the user task waited for fetches from DFHRPL or dynamic LIBRARY concatenations. • The number of times this task waited for program fetches from DFHRPL or dynamic LIBRARY concatenations. Only fetches for programs with installed program definitions or autoinstalled as a result of application requests are included in this figure. However, installed programs residing in the LPA are not included because they do not incur a physical fetch from a LIBRARY.
Number of user replaceable module link requests	PCLURMCT	The number of times that this task has issued a link to a user replaceable module.
Number of program transfer control (XCTL) requests	PCXCTLCNT	The number of program XCTL requests issued by this task.
Number of performance records	PERFRECCNT	The number of performance records written by the CICS Monitoring Facility (CMF) for this task.

Table 214. Fields in HTASK views (continued)

Field	Attribute name	Description
Maximum container storage allocated to task	PGCSTHWM	Maximum amount (high-water mark) of bytes of container storage allocated to this task.
Previous hop applid	PHAPPLID	The VTAM application ID of the CICS system of a previous task in another CICS system with which this task is associated, or blanks if the CICS system on which this command is executed is a point of origin.
Previous hop count	PHCOUNT	The number of times there has been a request from one CICS system to another to initiate a task with which this task is associated, or zero if the CICS system on which this command is executed is a point of origin.
Previous hop network qualifier	PHNTWKID	The network qualifier for the CICS system VTAM application ID of an immediately previous task with which this task is associated, or blanks if the CICS system on which this command is executed is a point of origin.
Previous hop task start time	PHSTART	The start time of an immediately previous task in another CICS region with which this task is associated. The time is in the form yyyymmddhhmmss.ssssss. This option is set as blanks if the CICS system on which this command is executed is a point of origin.
Previous hop transaction ID	PHTRAN	The transaction ID of an immediately previous task in another CICS region with which this task is associated, or blanks if the CICS system on which this command is executed is a point of origin.
Previous hop task ID	PHTRANNO	The task ID of an immediately previous task in another CICS region with which this task is associated, or blanks if the CICS system on which this command is executed is a point of origin.
BTS process ID	PRCSID	The CICS-assigned identifier of the CICS BTS root activity that the user task implemented.
BTS process name	PRCSNAME	The CICS Business Transaction Services process name that this task represents.
BTS process type	PRCSTYPE	The CICS Business Transaction Services process type that this task represents.
Task priority	PRIORITY	The total priority of the task. Total priority is the sum of the priority of the user associated with the task, the priority of the terminal which is the principal facility, and the priority of the transaction being executed.
Maximum program storage below 16MB	PSTG24HWM	The maximum amount of program storage in use by this user task below the 16MB line.
Maximum program storage above 16MB	PSTG31HWM	The maximum amount of program storage in use by this user task above the 16MB line.
Maximum program storage across all DSAs	PSTGHWM	The high-water-mark number of bytes used by this task for programs in all DSAs.
Previous transaction count	PTCOUNT	The number of times there has been a request from a task in the local CICS region to initiate a task in the same CICS region by either a RUN TRANSID or START command without the TERMID option with which this task is associated, or zero if there have been no such requests.
Previous transaction task start time	PTSTART	The start time of an immediately previous, or parent, task in the same CICS region with which this task is associated. The time is in the form yyyymmddhhmmss.ssssss. This option is set as blanks if the task has no immediate parent task or is the point of origin for this request.
Previous transaction transaction ID	PTTRAN	The transaction ID of an immediately previous, or parent, task in the same CICS region with which this task is associated, or blanks if the task has no immediate parent task or is the point of origin for this request.

Table 214. Fields in HTASK views (continued)

Field	Attribute name	Description
Previous transaction task ID	PTTRANNO	The task ID of an immediately previous, or parent, task in the same CICS region with which this task is associated, or zero if the task has no immediate parent task or is the point of origin for this request.
CPU time used while running in QR TCB mode	QRCPUT	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the QR TCB Mode. • The number of times that this task was dispatched on the QR TCB Mode.
Dispatch time while running in QR TCB mode	QRDISPT	This is a composite field displaying one of the following elements: • The amount of time that this task has spent dispatched on the QR TCB Mode. • The number of times that this task was dispatched on the QR TCB Mode.
QR TCB mode delay time	QRMODDLY	This is a composite field displaying one of the following elements: • The amount of time that this task has spent waiting while on the QR TCB mode plus the time spent waiting to switch back to QR TCB mode from another TCB mode. • The number of times the task waited while on the QR TCB mode, including waiting to switch back to QR TCB mode from another TCB mode.
Record type	RECTYPE	The performance record type. Values are: • C - Record output for a terminal converse • D - Record output for a SET MONITOR against a user defined Event Monitoring Point (EMP) that specifies PERFORM=DELIVER. • F - Record output for a long-running transaction. • S - Record output for a syncpoint request. • T - Record output for a task termination (detach). For transaction resource class data, this field is always T.
Recovery manager UOW resolved with indoubt action	RESOLVEACT	The total number of units of work that lost connection to their recovery coordinator during syncpoint processing that were resolved with indoubt action.
Task response time	RESPTIME	The task response time in milliseconds.
CPU time used by VSAM Record Level Sharing	RLSCPUT	This is a composite field displaying one of the following elements: • The total amount of CPU time spent by this transaction performing RLS requests which run in SRB mode. • The number of times the task performed RLS requests which run in SRB mode.
VSAM Record Level Sharing wait time	RLSWAITTIME	This is a composite field displaying one of the following elements: • The elapsed time in which the task waited for RLS file I/O. • The number of times the task waited for RLS file I/O.
CICSPlex SM RMI elapsed time	RMICPSMTIME	This is a composite field displaying one of the following elements: • The total elapsed time the task spent in the CICSPlex SM Resource Manager Interface (RMI). • The number of times the task invoked the CICSPlex SM Resource Manager Interface (RMI).
DB2 RMI elapsed time	RMIDB2TIME	This is a composite field displaying one of the following elements: • The total elapsed time the task spent in the DB2 Resource Manager Interface (RMI). • The number of times the task invoked the DB2 Resource Manager Interface (RMI).
DBCTL RMI elapsed time	RMIDBCTLTIME	This is a composite field displaying one of the following elements: • The total elapsed time the task spent in the DBCTL Resource Manager Interface (RMI). • The number of times the task invoked the DBCTL Resource Manager Interface (RMI).

Table 214. Fields in HTASK views (continued)

Field	Attribute name	Description
DL/I RMI elapsed time	RMIEXECDLITM	This is a composite field displaying one of the following elements: • The total elapsed time the task spent in the EXEC DLI Resource Manager Interface (RMI). • The number of times the task invoked the EXEC DLI Resource Manager Interface (RMI).
WebSphere MQ RMI elapsed time	RMIMQSERIEST	This is a composite field displaying one of the following elements: • The total elapsed time the task spent in the WebSphere MQ Resource Manager Interface (RMI). • The number of times the task invoked the WebSphere MQ Resource Manager Interface (RMI).
Total other RMI elapsed time	RMIOTHERTIME	This is a composite field displaying one of the following elements: • The total elapsed time the task spent in the CICS Resource Manager Interface (RMI) excluding the times listed separately (RMIDB2TIME, RMIDBCTLTIME, RMIEXECDLITM, RMIMQSERIEST, RMICPSMTIME and RMITCPIPTIME). • The number of times the task invoked the CICS Resource Manager Interface (RMI) excluding the times listed separately (RMIDB2TIME, RMIDBCTLTIME, RMIEXECDLITM, RMIMQSERIEST, RMICPSMTIME and RMITCPIPTIME).
Total RMI suspend time	RMISUSP	This is a composite field displaying one of the following elements: • The elapsed time the task was suspended while in the CICS Resource Manager Interface (RMI). • The number of times the task was suspended while in the CICS Resource Manager Interface (RMI).
TCP/IP Sockets RMI elapsed time	RMITCPIPTIME	This is a composite field displaying one of the following elements: • The total elapsed time the task spent in the z/OS Communications Server IP CICS Sockets Resource Manager Interface (RMI). • The number of times the task invoked the z/OS Communications Server IP CICS Sockets Resource Manager Interface (RMI).
Total RMI elapsed time	RMITIME	This is a composite field displaying one of the following elements: • The total elapsed time the task spent in the CICS Resource Manager Interface (RMI) including time suspended. • The number of times the task invoked the CICS Resource Manager Interface (RMI).
Total RMI elapsed time	RMITOTALTIME	This is a composite field displaying one of the following elements: • The total elapsed time spent in the RMI including time suspended. • The total number of requests issued by this task in the RMI.
Recovery manager UOW resource owner failure	ROFAIL	The resource owner has failed.
RO TCB mode delay time	ROMODDLY	The amount of time that this task has spent waiting while on the RO TCB mode plus the time spent waiting to switch back to RO TCB mode from another TCB mode.
Maximum read-only program storage	ROPS31HWM	The high-water-mark number of bytes used by this task for programs in the ERDSA (read-only storage above the 16MB line).
RRMS/MVS unit of recovery ID	RRMSURID	The Unit of Recovery ID/token given to CICS by RRMS/MVS.
RRMS/MVS syncpoint coordination delay time	RRMSWAIT	This is a composite field displaying one of the following elements: • The amount of time spent by this task waiting for syncpoint coordination with RRMS/MVS. • The number of times that this task waited for syncpoint coordination with RRMS/MVS.
Remote system ID	RSYSID	The name of the remote system where the transaction defined by remotename is defined.

Table 214. Fields in HTASK views (continued)

Field	Attribute name	Description
Run synchronous transaction wait time	RUNTRWTT	This is a composite field displaying one of the following elements: • The total amount of time that this transaction has spent waiting for a transaction it attached synchronously to complete. • The number of times the task waited for a transaction it attached synchronously to complete. For CICS BTS this field will record the times this task spent waiting for a Run Process or Run Activity to execute synchronously.
S8 TCB mode CPU time	S8CPUT	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the S8 TCB Mode. • The number of times this task was dispatched on the S8 TCB Mode. This mode is used when making secure sockets calls.
Shared temporary storage I/O wait time	SHAREDTSWAIT	This is a composite field displaying one of the following elements: • The total shared temporary storage wait time. • The number of times the task waited for shared temporary storage.
FREEMAIN byte count of shared storage above 16M	SHSTGBYTEFMA	The total number of FREEMAIN bytes of shared storage above 16MB.
FREEMAIN byte count of shared storage below 16MB	SHSTGBYTEFMB	The total number of FREEMAIN bytes of shared storage below 16MB.
The total number of FREEMAIN bytes of shared storage above the bar.	SHSTGBYTEFMG	The total number of GETMAIN bytes of shared storage above the bar.
GETMAIN byte count of shared storage above 16MB	SHSTGBYTEGMA	The total number of GETMAIN bytes of shared storage above 16MB.
GETMAIN byte count of shared storage below 16MB	SHSTGBYTEGMB	The total number of GETMAIN bytes of shared storage below 16MB.
GETMAIN byte count of shared storage above the bar	SHSTGBYTEGMG	The total number of GETMAIN bytes of shared storage above the bar.
Shared storage GETMAIN request count above 16MB	SHSTGGMCABV	The number of GETMAIN requests issued by this task for shared storage above the 16MB line, in the ECDSA or ESDSA.
Shared storage GETMAIN request count above the bar	SHSTGGMCBAR	The number of GETMAIN requests issued by this task for shared storage above the bar, in the GCDSA or GSDSA.
Shared storage GETMAIN request count below 16MB	SHSTGGMCBEL	The number of GETMAIN requests issued by this task for shared storage below the 16MB line, in the CDSA or SDSA.
Recovery manager UOW shunted	SHUNTED	The total number of units of work that lost connection to their recovery coordinator during syncpoint processing and had to be shunted for indoubt failure.
Number of socket bytes decrypted	SOBYDECT	The number of bytes decrypted by this task that were passed over the TCP/IP Sockets Interface.
Number of socket bytes encrypted	SOBYENCT	The number of bytes encrypted by this task that were passed over the TCP/IP Sockets Interface.
Cipher selected	SOCIPHER	The inbound cipher code selected during SSL handshake negotiation.
Inbound TCP/IP sockets I/O wait time	SOIOWTT	This is a composite field displaying one of the following elements: • The amount of time spent by this task waiting for socket sends or receives to complete. • The number of times that this task waited for socket sends or receives to complete. This includes the times spent by this task on the SO, SL and S8 TCB modes.
SO TCB mode delay time	SOMODDLY	The amount of time that this task has spent waiting while on the SO TCB mode plus the time spent waiting to switch back to SO TCB mode from another TCB mode.

Table 214. Fields in HTASK views (continued)

Field	Attribute name	Description
CFDT syncpoint wait time	SRVSYWTT	This is a composite field displaying one of the following elements: • The elapsed time in which the task waited for CFDT syncpoints to complete. • The number of times the task waited for CFDT syncpoints to complete.
Task start time	START	The time when the task started in GMT (Greenwich Mean Time).
Task stop time	STOP	The time when the task stopped in GMT (Greenwich Mean Time).
WLM subset of execution phase complete	SUBEXECOMP	A subset of the execution phase of the work request (transaction) is complete.
Task history subtype	SUBTYPE	The subtype of this task history resource. The valid values are: • A - Task statistics for a task which was active when the region was shut down. • T - Task statistics for a task which completed normally or abnormally.
Task suspend time	SUSPTIME	This is a composite field displaying one of the following elements: • The total elapsed time for which the task was suspended. • The number of times this task was suspended.
Number of syncpoint requests	SYNCCOUNT	The number of syncpoint requests issued by this task.
Waiting for parent syncpoint delay time	SYNCDLY	This is a composite field displaying one of the following elements: • The total amount of time that this transaction has spent waiting for its parent transaction to syncpoint, such that its updates will be committed. • The number of times the task waited for a its parent transaction to syncpoint, such that its updates will be committed. For CICS BTS this field records the times this task spent waiting for a syncpoint from its parent task that started this task by issuing Run Process or Run Activity Synchronously.
Syncpoint wait time	SYNCPTWAITTM	This is a composite field displaying one of the following elements: • The total elapsed time for which this task was dispatched or suspended while processing syncpoint requests. • The number of times the task was dispatched or suspended while processing syncpoint requests.
Number of FEPI ALLOCATE timeouts	SZALLCTO	The number of FEPI allocate timeouts issued by this task.
Number of FEPI ALLOCATE requests	SZALLOCT	The number of FEPI allocate requests issued by this task.
Number of FEPI characters received	SZCHRIN	The number of FEPI characters received by this task.
Number of FEPI characters sent	SZCHROUT	The number of FEPI characters sent by this task.
Number of FEPI RECEIVE requests	SZRCVCT	The number of FEPI receive requests issued by this task.
Number of FEPI RECEIVE timeouts	SZRCVTO	The number of FEPI receive timeouts issued by this task.
Number of FEPI SEND requests	SZSENDCT	The number of FEPI send requests issued by this task.
Number of FEPI START requests	SZSTRTCT	The number of FEPI start requests issued by this task.
Total number of FEPI requests	SZTOTCT	The total number of all FEPI API and SPI requests made by the user task.
FEPI suspend time	SZWAIT	This is a composite field displaying one of the following elements: • Total elapsed time for which the user task waited for all FEPI services. • The number of times this task waited for any FEPI service.

Table 214. Fields in HTASK views (continued)

Field	Attribute name	Description
Task ID	TASK	The ID of the task.
Data storage key	TASKDATAKEY	The storage key of the storage CICS allocates at task initialization for the duration of the task (task-lifetime storage), and which is accessible by the application. These storage areas are the EXEC interface block (EIB) and the transaction work area (TWA). Values are: • USER - CICS obtains user-key storage for this transaction. Application programs executing in any key can both read and modify these storage areas • CICS - CICS obtains CICS-key storage for this transaction. Application programs executing in CICS key can both read and modify these storage areas. Application programs executing in user key can only read these storage areas.
Data location above/below 16MB	TASKDATALOC	Indicates whether task life-time storage acquired by CICS for the duration of the transaction can be located above the 16MB line in virtual storage. These areas, which relate to specific CICS tasks, include the EXEC interface block (EIB) and the transaction work area (TWA). Values are: • BELOW - Storage areas that CICS acquires for the transaction must be located below the 16MB line. • ANY - Storage areas that CICS acquires for the transaction can be located above the 16MB line in virtual storage.
Transaction error flags	TASKFLAG	The transaction error flags for this task.
Delay time waiting for session allocation	TCALWTT	The amount of time that this task has spent waiting for a session to be allocated.
Number of CICS dispatcher TCB attaches	TCBATTCT	The number of CICS Dispatcher TCB Attaches issued by this task.
Number of secondary LU62 TC characters received	TCC62IN2	The number of secondary LU6.2 characters received by this task.
Number of secondary LU62 TC characters sent	TCC62OU2	The number of secondary LU6.2 characters sent by this task.
Terminal control I/O wait time	TCIOTIME	This is a composite field displaying one of the following elements: • The total terminal I/O wait time. • The number of times this task waited for terminal I/O.
First dispatch delay time caused by TCL	TCLDELAY	This is a composite field displaying one of the following elements: • The elapsed time waiting for the first dispatch which was delayed because of the limits set for this transaction's transaction class. • The number of delays during the first dispatch due to limits set for this transaction's transaction class.
Number of secondary LU62 TC messages received	TCM62IN2	The number of secondary LU6.2 TC messages received by this task.
Number of secondary LU62 TC messages sent	TCM62OU2	The number of LU6.2 terminal control messages sent by this task.
Total number of transient data requests	TDCOUNT	The number of transient data requests issued by this user task, including GET, PUT, and PURGE requests.
TD extrapartition lock wait time	TDELWTT	This is the amount of time the task has waited for the TD extrapartition lock.
Number of transient data GET requests	TDGETCNT	The number of transient data get/read requests issued by this task.
TD intrapartition lock wait time	TDILWTT	This is the amount of time the task has waited for the TD intrapartition lock.
Transient data I/O wait time	TDIOTIME	This is a composite field displaying one of the following elements: • The total transient data I/O wait time. • The number of times this task waited for transient data I/O.
Number of transient data PURGE requests	TDPURCNT	The number of transient data purge/delete requests issued by this task.

Table 214. Fields in HTASK views (continued)

Field	Attribute name	Description
Number of transient data PUT requests	TDPUTCNT	The number of transient data put/write requests issued by this task.
Terminal connection name	TERMCONNAME	The name of the terminal session connection.
Actual terminal ID or session ID	TERMID	This is the actual terminal identification that the task is executing upon. In a Transaction Routing environment this is the ID of the session the task is routed across.
Terminal information	TERMNALINFO	Information relating to the terminal: • byte 0 - Nature: – X'00' - Not applicable – X'01' - Terminal – X'02' - Session • byte 1 - Session Type: – X'00' - Not applicable – X'01' - IRC – X'02' - IRC XM – X'03' - IRC XCF – X'04' - LU61 – X'05' - LU62 SINGLE – X'06' - LU62 PARALLEL • byte 2 - Access method: – X'01' - VTAM – X'03' - BSAM – X'04' - TCAM – X'06' - BGAM – X'07' - CONSOLE • byte 3: Device type code.
Time key	TIME	The time when the task started. This will be local time or GMT (Greenwich Mean Time), subject to the MNTIME system intialization parameter. If MNTIME is not set, then the default is GMT. It is important to note that the time returned is not in a 'displayable' format; it is a key field that displays the time value in HEX.
Atom service name	TMRATMSN	Atom service name
Number of BIF DIGEST requests	TMRBFDGC	Number of BIF DIGEST requests
Total number BIF Requests	TMRBFTC	Total number BIF Requests
CorbaServer name	TMRCBRNM	The name of the CorbaServer associated with the task. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
Number of OO class library API requests	TMRCFACT	The total number of OO class library API requests
Client IP Port	TMRCIPOR	The port number of the client.
CICS TCB Change Mode delay time	TMRCMDLY	This is a composite field displaying one of the following elements: • The elapsed time in which the user task waited for redispatch after a CICS Dispatcher change-TCB mode request was issued by or on behalf of the user task. • The number of times the user task waited for redispatch after a CICS Dispatcher change-TCB mode request was issued by or on behalf of the user task. For example, a change-TCB mode request from a CICS L8 or S8 mode TCB back to the CICS QR mode TCB might have to wait for the QR TCB because another task is currently dispatched on the QR TCB.
Number of Document Delete requests	TMRDHDLC	The number of document delete requests issued by this task.

Table 214. Fields in HTASK views (continued)

Field	Attribute name	Description
Dispatcher MVS storage constraint wait time	TMRDSCWT	This is a composite field displaying one of the following elements: • The elapsed time which the user task spent waiting because no TCB was available, and none could be created because of MVS storage constraints. • The number of times the user task waited because no TCB was available, and none could be created because of MVS storage constraints.
Dispatcher TCB mismatch wait time	TMRDSMWT	This is a composite field displaying one of the following elements: • The total amount of TCB mismatch wait time, that is, TCB requests that waited because there was no TCB available matching the request, but there was at least one non-matching free TCB. • The number of TCB requests that waited because there was no TCB available matching the request, but there was at least one non-matching free TCB.
Peak number of CICS dispatcher TCBs	TMRDSTHW	The peak number of CICS dispatcher TCBs in use.
Number of events captured	TMRECEVC	Number of EVENTs captured
Number of event filter commands	TMRECFOC	Number of event filter commands
Number of synchronous emission events captured	TMRECSEC	The number of synchronous emission EVENTs captured.
Number of SIGNAL EVENT requests	TMRECSGE	Number of SIGNAL EVENT requests
Total number of EXEC CICS requests	TMREICTC	Total number of EXEC CICS requests
Number of bean state activation requests	TMREJBAC	The number of bean state activation requests issued by this task. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
Number of bean creation requests	TMREJBCC	The number of enterprise bean creation requests issued by this task. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
Number of bean state passivation requests	TMREJBPC	The number of bean state passivation requests issued by this task. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
Number of bean removal requests	TMREJBRC	The number of enterprise bean removal requests issued by this task. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
Total number of Enterprise bean requests	TMREJBTC	The number of enterprise bean requests issued by this task. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
Number of Enterprise bean method calls	TMREJMCT	The number of enterprise bean method calls issued by this task. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
Maximum hot-pooling TCB delay time	TMRHTDLY	This field is obsolete.
Total local interval control starts with channel	TMRICSCC	The number of local interval control starts with the channel option issued by this task.
Data length of all local IC starts with channel	TMRICSCD	The data length of all local IC starts with channel.
Total remote interval control starts with channel	TMRICSRC	The total number of remote interval control starts with channel requests issued by this task.
Data length of all remote IC starts with channel	TMRICSRD	The data length of all remote IC starts with channel.
Number of IPCONN allocate requests	TMRISACT	The number of allocate session requests issued by the task for sessions on IP intercommunications connections.
IPCONN Name	TMRISCNM	The name of the IP interconnectivity entry (IPCONN) that defines an IP intercommunications connection associated with this transaction.

Table 214. Fields in HTASK views (continued)

Field	Attribute name	Description
IPCONN I/O wait time	TMRISWT	This is a composite field displaying one of the following elements: • The amount of time the task has spent waiting for work on the IP intercommunications connection to complete. • The number of times the task waited for work on the IP intercommunications connection to complete.
J9 TCB mode CPU time	TMRJ9CPU	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the J9 TCB Mode. • The number of times this task was dispatched on the J9 TCB Mode. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
JVM server thread wait time	TMRJSTWT	This is a composite field displaying one of the following elements: • The amount of time the task has spent waiting for work on the JVM server thread • The number of times the task waited for work on the JVM server thread
Maximum JVM TCB delay time	TMRJTDLY	This is a composite field displaying one of the following elements: • Delay incurred by this task due to waiting on the MAXJVMTCBS limit. • The number of times the task waited on the limit set by the system parameter MAXJVMTCBS. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
JVM elapsed time - initializing	TMRJVMIT	This is a composite field displaying one of the following elements: • The elapsed time spent initializing the JVM environment. • The number of times the JVM environment was initialized.
JVM elapsed time - resetting	TMRJVMRT	This is a composite field displaying one of the following elements: • The elapsed time spent resetting the JVM environment. • The number of times the JVM environment was reset.
User task key 8 mode CPU time	TMRKY8CP	This is a composite field displaying one of the following elements: • The key 8 mode CPU time used by this task. • The number of times that this task was dispatched in key 8 mode.
User task key 8 mode dispatch time	TMRKY8DS	This is a composite field displaying one of the following elements: • The key 8 mode dispatch time used by this task. • The number of times that this task was dispatched in key 8 mode.
User task key 9 mode CPU time	TMRKY9CP	This is a composite field displaying one of the following elements: • The total CPU time during which the user task was dispatched by the CICS dispatcher on a CICS Key 9 mode TCB. • The number of times this task was dispatched on a key 9 mode TCB. L9 mode TCBs are used for USERKEY OPENAPI application programs.
User task key 9 mode dispatch time	TMRKY9DS	This is a composite field displaying one of the following elements: • The total elapsed time during which the user task was dispatched by the CICS dispatcher on a CICS Key 9 mode TCB. • The number of times this task was dispatched on a key 9 mode TCB. L9 mode TCBs are used for USERKEY OPENAPI application programs.
User task L9 mode CPU time	TMRL9CPU	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the L9 TCB Mode. • The number of times this task was dispatched on the L9 TCB Mode. L9 mode TCBs are used for USERKEY OPENAPI application programs.

Table 214. Fields in HTASK views (continued)

Field	Attribute name	Description
XML System Services CPU time	TMRMLCTM	XML System Services CPU time
Total document length	TMRMLTDL	Total document length
Number of EXEC CICS XML TRANSFORM requests	TMRMLXTC	Number of EXEC CICS XML TRANSFORM requests
WebSphere MQ API SRB time	TMRMQAST	This is a composite field displaying one of the following elements: • The total amount of CPU time spent on an SRB in WebSphere MQ whilst performing the api request. • The number of times the task accumulated the SRB time.
WebSphere MQ Getwait wait time	TMRMQGWT	This is a composite field displaying one of the following elements: • The amount of time the task has spent waiting for WebSphere MQ to service the task's GETWAIT requests. • The number of times the task waited for WebSphere MQ to service the task's GETWAIT requests.
Network ID	TMRNETID	The ID of the network
LU6.2 network-wide UOW instance and sequence number	TMRNETSX	The name by which the network unit-of-work ID is known within the originating system. This name is assigned at transaction attach time using either a STCK-derived token created by the originating system, or the network unit-of-work passed as part of an IRC (MRO), IPIC (IP interconnectivity) or ISC (APPC) attach function management header (FMH).
OTS indoubt wait time	TMROIDWT	This is a composite field displaying one of the following elements: • The object transaction service indoubt wait time. • The number of times that this task waited indoubt for object transaction services.
OTS transaction ID	TMROTSID	The object transaction service transaction identifier.
Number of DPL program link requests with channel	TMRPCDCC	The number of DPL program link requests issued by this task.
Data length of all DPL program links with channel	TMRPCDLL	The total length of the data in the containers of all the distributed program link (DPL) requests issued with the CHANNEL option by the user task. This total includes the length of any headers to the data.
Total data length of all DPL returns with channel	TMRPCDRL	The total length of the data in the containers of all DPL RETURN CHANNEL commands issued by the user task. This total includes the length of any headers to the data.
Number of program link requests with channel	TMRPCLCC	The number of program link requests with channel issued by this task.
Number of program return requests with channel	TMRPCRCC	The number of program return requests with channel issued by this task.
Data length of all program returns with channel	TMRPCRCL	The total length of the data in the containers of all the remote pseudoconversational RETURN CHANNEL commands issued by the user task. This total includes the length of any headers to the data.
Number of program XCTL requests with channel	TMRPCXCC	The number of program XCTL requests with channel issued by this task.
Number of browse container channel requests	TMRPGBCC	The number of browse container channel requests issued by this task.
Number of containers created for channel containers	TMRPGCCC	The number of containers created for channel containers by this task.
Total number of channel data container requests	TMRPGCTC	The total number of channel data container requests issued by this task.
Number of get container channel requests	TMRPGGCC	The number of GET CONTAINER and GET64 CONTAINER channel requests issued by this task.
Data length of all get container channel requests	TMRPGGCL	The data length of all GET CONTAINER and GET64 CONTAINER channel requests issued by this task.

Table 214. Fields in HTASK views (continued)

Field	Attribute name	Description
Number of move container channel requests	TMRPGMCC	The number of move container channel requests issued by this task.
Number of put container channel requests	TMRPGPCC	The number of PUT CONTAINER and PUT64 CONTAINER channel requests issued by this task.
Data length of all put container channel requests	TMRPGPCL	The data length of all PUT CONTAINER and PUT64 CONTAINER channel requests issued by this task.
Pipeline name	TMRPIPLN	Pipeline name
TCP/IP service port number	TMRPORTN	The port number used by the TCP/IP service.
Partner wait time	TMRPTPWT	This is a composite field displaying one of the following elements: • The total partner wait time. • The number of times that this task waited for the partner transaction to complete.
Real LU name	TMRRLUNM	The name of the VTAM logical unit of the terminal associated with this transaction.
User task read-only mode CPU time	TMRROCPU	This is a composite field displaying one of the following elements: • The read only mode CPU time used by this task. • The number of times that this task was dispatched in read only mode.
User task read-only mode dispatch time	TMRRODSP	This is a composite field displaying one of the following elements: • The read only mode dispatch time, in seconds, used by this task. • The number of times that this task was dispatched in read only mode.
Request processor wait time	TMRRQPWT	This is a composite field displaying one of the following elements: • The elapsed time spent waiting for a request processor I/O operation. • The number of times that this task waited for a request processor I/O operation.
Request receiver wait time	TMRRQRWT	This is a composite field displaying one of the following elements: • The elapsed time spent waiting for a request receiver I/O operation. • The number of times that this task waited for a request receiver I/O operation.
Number of characters received	TMRSOCIN	The number of characters received by this task.
Number of CREATE non-persistent socket requests	TMRSOCNS	The number of Create non-persistent socket requests issued by this task.
Number of characters sent	TMRSOCOT	The number of characters sent by this task.
Number of CREATE persistent socket requests	TMRSOCPS	The number of Create persistent socket requests issued by this task.
EXTRACT TCPIP and EXTRACT CERTIFICATE request count	TMRSOERC	The total number of EXTRACT TCPIP and EXTRACT CERTIFICATE requests.
Number of inbound socket characters received	TMRSOI1C	The total number of inbound socket characters received by this task.
Number of inbound socket receive requests	TMRSOIMC	The number of inbound socket receive requests issued by this task.
Peak number of non-persistent sockets	TMRSONHW	The peak number of non-persistent sockets associated with this task.
Number of inbound socket characters sent	TMRSOO1C	The number of inbound socket characters sent by this task.
Number of inbound socket send requests	TMRSOOMC	The number of inbound socket send requests issued by this task.

Table 214. Fields in HTASK views (continued)

Field	Attribute name	Description
Outbound TCP/IP sockets I/O wait time	TMRSOOWT	This is a composite field displaying one of the following elements: • The total outbound socket I/O wait time. • The number of times that this task waited for outbound socket I/O.
Peak number of persistent sockets	TMRSOPHW	The peak number of persistent sockets associated with this task.
Number of socket receive requests	TMRSORCT	The number of socket receive requests issued by this task.
Number of socket send requests	TMRSOSCT	The number of socket send requests issued by this task.
Total number of socket requests	TMRSOTC	The total number of socket requests issued by this task.
Maximum CICS SSL TCB delay time	TMRSTDLY	This is a composite field displaying one of the following elements: • The elapsed time in which the user task waited to obtain a CICS SSL TCB (S8 mode), because the CICS system had reached the limit set by the system initialization parameter MAXSSLTCBS. • The number of times the user task waited to obtain a CICS SS TCB (S8 mode), because the CICS system had reached the limit set by the system initialization parameter MAXSSLTCBS.
User task T8 mode cpu time	TMRT8CPU	User task T8 mode cpu time
TCP/IP Service name	TMRTCPSV	The name of the TCP/IP service.
Transaction group ID	TMRTGPID	The identifier of the transaction group associated with this task.
Number of EXEC CICS ASKTIME requests	TMRTIATC	Number of EXEC CICS ASKTIME requests
Total number of EXEC xxxTIME Requests	TMRTITC	Total number of EXEC xxxTIME Requests
Maximum thread TCB delay time	TMRTTDLY	Maximum thread TCB delay time
URI map name	TMRURIMN	URI map name
Number of web browse requests	TMRWBBOC	The number of web browse requests issued by this task.
Number of WEB BROWSE requests	TMRWBBRC	The total number of web browse requests issued by this task.
Number of WEB EXTRACT requests	TMRWBERC	The total number of web extract requests issued by this task.
Number of bytes received by web requests	TMRWBI1C	The number of bytes received by web requests issued by this task.
Number of web receive requests	TMRWBIRC	The number of web receive requests issued by this task.
Number of invoke web service requests	TMRWBIWC	The number of invoke web service requests issued by this task.
Number of bytes sent by web send requests	TMRWBO1C	The number of bytes sent by web send requests issued by this task.
Number of web send requests	TMRWBOSC	The number of web send requests issued by this task.
Number of web parse requests	TMRWBPRC	The number of web parse requests issued by this task.
Data length of data read from the repository	TMRWBRDL	The data length of data read from the repository.
Number of web read requests	TMRWBROC	The number of web read requests issued by this task.
Number of repository reads	TMRWBRPR	The number of repository read requests issued by this task.
Number of WEB READ requests	TMRWBRRC	The total number of web read requests issued by this task.

Table 214. Fields in HTASK views (continued)

Field	Attribute name	Description
Data length of data written to the repository	TMRWBWDL	The data length of data written to the repository.
Number of web write requests	TMRWBWOC	The number of web write requests issued by this task.
Number of WEB WRITE requests	TMRWBWRC	The total number of web write requests issued by this task.
Total number WebSphere MQ requests	TMRWMQRC	The total number of WebSphere MQ requests for the task.
Program name	TMRWPBMN	Program name
Total number of WS Addressing requests	TMRWSATC	Total number of WS Addressing requests
Number of WSACONTEXT BUILD requests	TMRWSCBC	Number of WSACONTEXT BUILD requests
Number of WSACONTEXT GET requests	TMRWSCGC	Number of WSACONTEXT GET requests
Number of WSAEPR CREATE requests	TMRWSEPC	WSAEPCCT - Number of WSAEPR CREATE requests
Web Services operation name	TMRWSOPN	Web Services operation name
Webservice name	TMRWSVCN	Webservice name
User task X8 mode CPU time	TMRX8CPU	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the X8 TCB Mode. • The number of times this task was dispatched on the X8 TCB Mode.
User task X9 mode CPU time	TMRX9CPU	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the X9 TCB Mode. • The number of times this task was dispatched on the X9 TCB Mode.
Maximum CICS XPLink TCB delay time	TMRXTDLY	This is a composite field displaying one of the following elements: • The maximum CICS XPLink TCB delay time. • The number of times the user task waited to obtain a CICS XPLink TCB.
Transaction class	TRANCLASS	The name of the transaction class to which the task belongs.
Transaction flags	TRANFLAGS	The CICS transaction definition and status information flags for the transaction.
Transaction ID	TRANID	The name of the transaction associated with the task.
Transaction type	TRANTYPE	The transaction start type. Values are: • TO - Attached from terminal input • S - Attached by automatic transaction initiation (ATI) without data • SD - Attached by automatic transaction initiation (ATI) with data • QD - Attached by transient data trigger level • U - Attached by user request • TP - Attached from terminal TCTTE transaction ID • SZ - Attached by Front End Programming Interface (FEPI).
Total number of TS requests	TSCOUNT	The number of temporary storage requests issued by this user task, including GET, PUT, and PURGE requests.
Number of temporary storage GET requests	TSGETCNT	The number of temporary storage get/read requests issued by this task.
Number of TS GET requests to shared storage	TSGETSCNT	The number of TS gets to shared storage.
TS I/O wait time	TSIOTIME	This is a composite field displaying one of the following elements: • The total temporary storage I/O wait time. • The number of times this task waited for temporary storage I/O.

Table 214. Fields in HTASK views (continued)

Field	Attribute name	Description
Number of TS PUT requests to auxiliary storage	TSPUTACNT	The number of TS puts to auxiliary storage.
Number of TS PUT requests to main storage	TSPUTMCNT	The number of TS puts to main storage.
Number of TS PUT requests to shared storage	TSPUTSCNT	The number of TS puts to shared storage.
Recovery manager UOW unshunted	UNSHUNTED	The total number of units of work that lost connection to their recovery coordinator during syncpoint processing but were not shunted for indoubt failure.
Local unit of work (UOW) ID	UOWID	The local identifier of the unit of work associated with this task.
LU6.2 network-wide UOW instance and sequence number	UOWINSTSEQ	The total number of LU6.2 network-wide units of work.
User ID	USERID	The ID of the user associated with the task.
Maximum program storage in UDSA	USRPS24HWM	The high-water-mark number of bytes used by this task for programs in the UDSA.
Maximum program storage in EUDSA	USRPS31HWM	The high-water-mark number of bytes used by this task for programs in the EUDSA.
Number of user storage GETMAIN requests below 16MB	USTG24CNT	The number of user storage GETMAIN requests issued by this user task for storage below the 16MB line.
Peak number of bytes used by task in UDSA	USTG24HWM	The peak number of bytes used by this task in the UDSA.
Average storage usage below 16MB	USTG24OCC	The average storage occupancy of the user task below the 16MB line. This measures the area under the curve of storage in use against elapsed time.
Number of user storage GETMAIN requests above 16MB	USTG31CNT	The number of user storage GETMAIN requests issued by this user task for storage above the 16MB line.
Peak number of bytes used by task in EUDSA	USTG31HWM	The peak number of bytes used by this task in the EUDSA.
Average storage usage above 16MB	USTG31OCC	The average storage occupancy of the user task above the 16MB line. This measures the area under the curve of storage in use against elapsed time.
Dispatch wait time	WAITTIME	This is a composite field displaying one of the following elements: • The average time the task spent waiting for redispatch. • The number of times this task waited for redispatch.
Number of Web characters received	WBCHRIN	The number of characters received via the web as a result of web receives issued by this task.
Number of Web characters sent	WBCHROUT	The number of characters sent via the web as a result of web sends issued by this task.
INVOKE SOAP service faults	WBISSFCT	The number of INVOKE xxxSERVICE SOAP faults.
JSON response body length	WBJSNRPL	The JSON response body length
JSON request body length	WBJSNRQL	The JSON request body length
Number of WEB RECEIVE requests	WBRCVCT	The total number of web receive requests issued by this task.
Number of Web repository writes	WBREPWCT	The number of web repository write requests issued by this task.
Number of WEB SEND requests	WBSENDCT	The total number of web send requests issued by this task.
SOAPFAULT CREATE requests	WBSFCRCT	The number of SOAPFAULT CREATE requests.
Total SOAPFAULT CREATE requests	WBSFTOCT	The total number of SOAPFAULT CREATE requests.

Table 214. Fields in HTASK views (continued)

Field	Attribute name	Description
SOAP request body length	WBSREQBL	The length of the SOAP request body length.
SOAP response body length	WBSRSPBL	The length of the SOAP response body length.
Total number of Web requests	WBTOTCT	The total number of WEB requests issued by this task. This does not include the number of repository write requests.
Workload manager report class name	WLMRPTRCNAME	The MVS Workload Manager (WLM) report class for this transaction.
Workload manager service class name	WLMSRVCNAME	The MVS Workload Manager (WLM) service class for this transaction.

EXCI requests - EXCI

The **EXCI request** (EXCI) views display information about tasks that originated from client programs using the CICS External CICS Interface API.

Supplied views

To access from the main menu, click:

CICS operations views > **Task operations views** > **EXCI requests**

Table 215. Views in the supplied **EXCI requests** *(EXCI) view set*

View	Notes
EXCI requests EYUSTARTEXCI.DETAILED	Detailed information about a selected task that is running within the target scope and was invoked outside of CICS using the CICS EXCI protocol.
EXCI requests EYUSTARTEXCI.TABULAR	Tabular information used to identify tasks that are running within the target scope that were invoked outside of CICS using the CICS EXCI protocol.

Actions

None.

Fields

Table 216. Fields in EXCI views

Field	Attribute name	Description
EXCI client identifier	LUWID	EXCI client identifier in the form: jobname.stepname.procname - MVSid.
EXCI client MVS system ID	MVSSYSID	The SMF ID of the MVS system where this EXCI client is running.
RRMS/MVS Unit of Recovery Identifier	RRMSURID	If the EXCI client is using RRMS to coordinate updates, this value is the hexadecimal representation of the RRMS unit of recovery identifier.
Task Number	TASK	The CICS task number associated with active EXCI client. A zero task number indicates no DPL request is active from the specified EXCI client.

Interval control requests - REQID

The **interval control elements** (REQID) views display information about outstanding interval control requests in active CICS systems.

Supplied views

To access from the main menu, click:

CICS operations views > Task operations views > Interval control requests

Table 217. Views in the supplied **Interval control requests** *(REQID) view set*

View	Notes
Interval control requests EYUSTARTREQID.CANCEL	Cancels an interval control element.
Interval control requests EYUSTARTREQID.DETAILED	Detailed information about a selected interval control element
Interval control requests EYUSTARTREQID.TABULAR	Tabular information about outstanding interval control elements

Actions

Table 218. Actions available for REQID views

Action	Description
CANCEL	Cancels an interval control element.

Fields

Table 219. Fields in REQID views

Field	Attribute name	Description
Function management headers status	FMHSTATUS	Indicates whether the data asociated with the request contains function management headers: • FMH - The data associated with the request contains a function management header. • NOFMH - The data associated with the request does not contain a function management header. • NOTAPPLIC - Either there is no data associated with the request or the request type is not START or ROUTE.
Interval until request expires	INTERVAL	The amount of time that remains until the request expires.
Request name	NAME	The name of the request.
QUEUE from START command that created request	QUEUE	The queue value associated with the request.
Type of command that created request	REQTYPE	The request type attribute. • DELAY - The queued request was issued by a DELAY command. • POST - The queued request was issued by a POST command. • START - The queued request was issued by a START command. • ROUTE - The queued request was issued by a ROUTE command.
Sequence number	RSEQ	A sequence number generated to guarantee a unique resource key.
RTERMID from START command that created request	RTERMID	The remote terminal name associated with the request.
RTRANSID from START command that created request	RTRANSID	The remote transaction name associated with the request.
TERMID from START command that created request	TERMID	The terminal name associated with the request.

Table 219. Fields in REQID views (continued)

Field	Attribute name	Description
Expiration time	TIME	The expiration time associated with the request. This is expressed as an absolute value measured from the midnight (local time) preceeding the request. The hours until expiry will be greater than 23 if the request expires beyond the current day.
TRANSID specified by command creating request	TRANSID	The transaction name associated with the request.
Associated user ID	USERID	The ID of the user associated with the task that created this request.

3270 bridge facilities - BRFACIL

The **3270 bridge facilities** (BRFACIL) views show virtual terminals (bridge facility) used by the 3270 bridge mechanism to simulate a real 3270 when running a CICS 3270 application in a bridged environment.

Supplied views

To access from the main menu, click:

CICS operations views > Terminal operations views > 3270 bridge facilities

*Table 220. Views in the supplied **3270 bridge facilities** (BRFACIL) view set*

View	Notes
3270 bridge facilities EYUSTARTBRFACIL.DETAILED	Detailed information about a selected 3270 bridge facility.
3270 bridge facilities EYUSTARTBRFACIL.RELEASE	Mark an active bridge facility for deletion.
3270 bridge facilities EYUSTARTBRFACIL.TABULAR	Tabular information about 3270 bridge facilities in CICS systems.

Actions

Table 221. Actions available for BRFACIL views

Action	Description
RELEASE	Mark an active bridge facility for deletion.
SET	Change the attributes of a selected bridge facility.

Fields

Table 222. Fields in BRFACIL views

Field	Attribute name	Description
Facility keep time	KEEPTIME	The length of time that a bridge facility is retained whilst inactive. The facility is marked for deletion after this period expires.
Remote bridge target region network name	LINKSYSNET	The applid of the target region if the Link3270 bridge request is routed to another region. If the request is processed in the same region as the Link3270 router, then this field is blank. This field may change if dynamic transaction routing makes more than one attempt at running the first transaction in a Link3270 session. This field is only set in the router region.

Table 222. Fields in BRFACIL views (continued)

Field	Attribute name	Description
Remote bridge target region system ID	LINKSYSTEM	The system ID of the target region if the Link3270 bridge request is routed to another region. If the request is processed in the same region as the Link3270 router, this field is blank. This field may change if dynamic transaction routing makes more than one attempt at running the first transaction in a Link3270 session. This field is only set in the router region.
Bridge facility token	NAME	The 8 byte facility token of the bridge facility.
Namespace type	NAMESPACE	The scope of the namespace used to allocate bridge facility names. Values are: • LOCAL - The bridge facility was allocated by the START BREXIT bridge mechanism, so its name is unique only in the local region where it is created. • SHARED - The bridge facility was allocated by the Link3270 bridge mechanism, so its name is unique across all CICS router regions in the CICSplex who have access to a shared DFHBRNSF namespace file.
Network name	NETNAME	The virtual network name of the 3270 Bridge Facility.
Remote bridge router network name	REMOTESYSNET	The applid of the bridge router region. This field is only set in the target region. It is blank if the request is processed in the router region and not sent to an target region.
Remote bridge router system ID	REMOTESYSTEM	The system ID of the bridge router region. This field is only set in the target region. It is blank if the request is processed in the router region and not sent to a target region.
Task number	TASKID	The number of the active CICS task currently running on the 3270 bridge facility. This field is only displayed in the target region, and is set to zero when the bridge is not in use.
Terminal	TERMID	The virtual terminal ID of the 3270 bridge facility.
Terminal status	TERMSTATUS	The status of the bridge facility. Values are: • ACQUIRED - The bridge facility is currently in use. • AVAILABLE - The bridge facility is not in use. It can be reused by the client. • RELEASED - SET BRFACILITY RELEASED has been issued for the bridge facility. It will be deleted on the next cleanup cycle.
Transaction	TRANSID	The name of the user transaction currently running on the 3270 bridge facility. This field is blank if the bridge is not currently in use.
User ID	USERID	The user identifier associated with the 3270 bridge facility.

Work requests - WORKREQ

The **Work requests** (WORKREQ) views display information about EJB work requests and the transactions associated with them.

Supplied views

To access from the main menu, click:

CICS operations views > Task operations views > Work requests

Table 223. Views in the supplied **Work requests** *(WORKREQ) view set*

View	Notes
Work requests EYUSTARTWORKREQ.DETAILED	Detailed information about EJB work requests.

Table 223. Views in the supplied **Work requests** *(WORKREQ) view set (continued)*

View	Notes
Work requests EYUSTARTWORKREQ.FORCEPURGE	Force purge a selected work request.
Work requests EYUSTARTWORKREQ.PURGE	Purge a selected work request.
Work requests EYUSTARTWORKREQ.TABULAR	Tabular information about EJB work requests.

Actions

Table 224. Actions available for WORKREQ views

Action	Description
FORCEPURGE	Force purge a selected work request.
PURGE	Purge a selected work request.
SET	Set attributes according to new values specified in input fields

Fields

Table 225. Fields in WORKREQ views

Field	Attribute name	Description
Client IP address	CLIENTIPADDR	The IPv4 or IPv6 address of the client that originated the request. The format of this IP address is given by the CLNTIPFAMILY value.
The format of the Client IP address	CLNTIPFAMILY	A value indicating the format of the Client's IP address in the CLIENTIPADDR field. These are the possible values: • IPV4 - The address is specified in IPv4 dotted decimal address format. • IPV6 - The address is specified in IPv6 colon hexadecimal address format. • NOTAPPLIC - No entry is specified for the address
Associated CorbaServer	CORBASERVER	The name of the associated CorbaServer.
Host port that received the request	LISTENERPORT	The host port that received the request.
Work request	NAME	The token generated by CICS to identify the work request.
Originating tasks application ID	OAPPLID	The application ID of the originating task.
Task that received the request	OTASK	The number of the task (RequestReceiver) that received the request.
Transaction ID that received the request	OTRANSID	The ID of the transaction that received the request.
Purge type	PURGETYPE	Specifies whether a task is to be purged or forcepurged. The values are: • Forcepurge - The work request is terminated immediately. System integrity is not guaranteed. In some extreme cases, for example if a work request is forcepurged during backout processing, CICS terminates abnormally. If you want to terminate a work request but do not want to terminate CICS, you should use PURGE instead of FORCEPURGE. • Purge - The work request is terminated, but termination occurs only when system and data integrity can be maintained.
Current request ID	REQUESTID	The ID of the current request. This value is sent by the client initiating the request and is used to associate the reply with the request. A client can be processing more than one request at any given moment.

Table 225. Fields in WORKREQ views (continued)

Field	Attribute name	Description
Stack level of call	STACK	The stack level of this call. As each new request is received from the client the request receiver creates a stack and initializes it with a value of 1. The stack is incremented by 1 every time a new bean is invoked, and decremented each time a bean which has incremented it terminates. So the value of the stack gives the current level within the EJB transaction at which this work request is executing. If a request is sent to a non-CICS EJB server then this field is NOT incremented.
Local task number	TASK	The local task number.
Local transaction ID	TRANSID	The ID of the local transaction.
Address of target CICS system	TSYSTEM	The VTAM APPLID or resolved IPv4 or IPv6 address and port of the target system. The field can be one of the following: • The colon hexadecimal IPv6 address and port number of the target system in the format (for example ::a:b:c:d:port) • The dotted decimal IPv4 address and port number of the target system in the format a.b.c.d:port • Up to eight characters followed by blanks. In this case these 8-characters, or less, are the VTAM applid of the target system • If the field contains only a string of blank characters (spaces), the target is not CICS over MRO • Another value. CICS does not know about any other possibilities. Any other value must be meaningful to other software at your installation which expects to work with the value obtained from this parameter of this CICS command
Format of the Target system address	TSYSTYPE	Indicates the format of the target system's address. These are the possible values: • APPLID - The address is an up to 8 character VTAM APPLID followed by blanks • IPV4 - The address is specified in IPv4 dotted decimal address format with a port • IPV6 - The address is specified in IPv6 colon hexadecimal address format with a port • NOTAPPLIC - No entry is specified for the address. The Target system address contains blanks.
Type of work being performed	WORKTYPE	The type of work being performed: • IIOP - Specifies that the work is being performed for an IIOP request • SOAP - Specifies that the work is being performed for a Web service request

Storage element by task - TASKESTG

The **storage element by task** (TASKESTG) views list the CICS storage elements that are associated with a task.

Supplied views

To access from the main menu, click:

CICS operations views > Task operations views > Storage element by task

Table 226. Views in the supplied **Storage element by task** *(TASKESTG) view set*

View	Notes
Storage element by task EYUSTARTTASKESTG.DETAILED	Detailed information about a CICS storage element for a task.

Table 226. Views in the supplied **Storage element by task** *(TASKESTG) view set (continued)*

View	Notes
Storage element by task EYUSTARTTASKESTG.TABULAR	Tabular information about CICS storage elements for tasks.

Actions

None.

Fields

Table 227. Fields in TASKESTG views

Field	Attribute name	Description
DSA name	DSANAME	The name of the DSA (dynamic storage area) for which storage elements are to be returned. Possible values are CDSA, UDSA, ECDSA, and EUDSA.
Storage element address	ELEMENTADDR	The start address of the element of storage. The start address returned does not include the leading check zone.
Element length	ELEMENTLEN	The length of the element of storage. The length returned does not include the leading or trailing check zones.
Task number	TASK	The ID of the task.

File usage by task - TASKFILE

The **Task element storage** (TASKFILE) views display information about tasks and the CICS files they have used in active systems being managed by CICSPlex SM. CICS Resource monitoring must be active before any data can be obtained.

Supplied views

To access from the main menu, click:

CICS operations views > Task operations views > File usage by task

Table 228. Views in the supplied **File usage by an individual task** *(TASKFILE) view set*

View	Notes
File usage by an individual task EYUSTARTTASKFILE.DETAILED	Detailed information about the file use of a selected task.
File usage by an individual task EYUSTARTTASKFILE.TABULAR	Tabular information about tasks and the CICS files they have used.

Actions

None.

Fields

Table 229. Fields in TASKFILE views

Field	Attribute name	Description
Data set name	DSNAME	The name of the data set.
Number of access method calls	FCAMCNT	The total number of access method (VSAM and BDAM) requests issued for this task by CICS file control.

Table 229. Fields in TASKFILE views (continued)

Field	Attribute name	Description
ADD request time and count	MNRADD	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for completion of ADD requests issued by the user task for this file. • The number of ADD requests issued against the file.
BROWSE request time and count	MNRBRWSE	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for completion of BROWSE requests issued by the user task for this file. • The number of BROWSE requests issued against the file.
CFDT I/O wait time and count	MNRCFDTIOWT	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for completion of CFDT input and output requests issued by the user task for this file. • The number of CFDT input and output requests issued against the file.
DELETE request time and count	MNRDEL	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for completion of DELETE requests issued by the user task for this file. • The number of DELETE requests issued against the file.
File limit exceeded	MNRFILELIMIT	Shows whether the maximum number of files to be monitored (defined in the MCT) has been exceeded.
READ request time and count	MNRGET	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for completion of READ requests issued by the user task for this file. • The number of READ requests issued against the file.
File I/O wait time and count	MNRIOWT	This is a composite field containing either or both of the following elements: • The total elapsed time that the user task waited for completion of all input and output requests issued by the user task for this file. • The total number of input and output requests issued against the file.
File ID	MNRNAME	The name of the file used by the Task.
WRITE request time and count	MNRPUT	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for completion of WRITE requests issued by the user task for this file. • The number of WRITE requests issued against the file.
RLS I/O wait time and count	MNRRLSIOWT	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for completion of RLS input and output requests issued by the user task for this file. • The number of RLS input and output requests issued against the file.
Task start time	MNRSTART	The time when the task started. This is expressed as GMT.
Task ID	MNRTASKNO	The ID of the task.

Table 229. Fields in TASKFILE views (continued)

Field	Attribute name	Description
Total request time and count	MNRTOTAL	This is a composite field containing either or both of the following elements: • The total elapsed time that the user task waited for completion of all READ, WRITE, REWRITE, DELETE, STARTBR, ENDBR, UNLOCK and RESETBR requests issued by the user task for this file. • The total number of READ, WRITE, REWRITE, DELETE, STARTBR, ENDBR, UNLOCK and RESETBR requests issued against the file.
Transaction ID	MNRTRANID	The name of the transaction associated with the task.
User ID	MNRUSERID	The ID of the user associated with the task.

TS queue usage by task - TASKTSQ

The **TS queue usage by task** (TASKTSQ) views display information about tasks and the CICS temporary storage queues they have used in active systems being managed by CICSPlex SM.

Supplied views

To access from the main menu, click:

CICS operations views > Task operations views > TS queue usage by task

Table 230. Views in the supplied **TSQ usage by an individual task** *(TASKTSQ) view set*

View	Notes
TSQ usage by an individual task EYUSTARTTASKTSQ.DETAILED	Detailed information about temporary storage queues associated with a selected file.
TSQ usage by an individual task EYUSTARTTASKTSQ.TABULAR	Tabular information about tasks and their associated CICS temporary storage queues.

Actions

None.

Fields

Table 231. Fields in TASKTSQ views

Field	Attribute name	Description
Shared TS queue READQ item length	GETSHRITEML	The total length of all items read from the auxiliary temporary storage queue.
Task start time	MNRSTART	The time when the task started. This time is expressed in GMT.
Task ID	MNRTASKNO	The ID of the task.
Transaction ID	MNRTRANID	The name of the transaction associated with the task.
TS queue limit exceeded	MNRTSQLIMIT	Whether the maximum number of TS queues to be monitored (defined in the MCT) has been exceeded.
User ID	MNRUSERID	The ID of the user associated with the task.
Auxiliary TS queue WRITEQ item length	PUTAUXITEML	The total length of all items written to the auxiliary temporary storage queue.
Main TS queue WRITEQ item length	PUTMAINITEML	The total length of all items written to the main temporary storage queue.

Table 231. Fields in TASKTSQ views (continued)

Field	Attribute name	Description
Shared TS queue WRITEQ item length	PUTSHRITEML	The total length of all items written to the auxiliary temporary storage queue.
Shared TS queue I/O wait time	SHRTSQIOWT	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for input and output requests issued by the user task for this shared temporary storage queue. • The total number of input and output requests issued against the shared temporary storage queue.
TS queue READQ time and count	TSQGET	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for GET requests issued by the user task for this temporary storage queue. • The number of GET requests issued by the user task against the temporary storage queue.
TS queue READQ item length	TSQGETITEML	The total length of all items read from this temporary storage queue.
Shared TS queue READQ time and count	TSQGETSHR	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for READQ requests to shared temporary storage issued by the user task for this temporary storage queue. • The number of READQ requests to shared temporary storage issued against the temporary storage queue.
TS queue I/O wait time	TSQIOWT	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for input and output requests issued by the user task for this temporary storage queue. • The total number of input and output requests issued against the temporary storage queue.
TS queue name	TSQNAME	The CICS 16-character name of the temporary storage queue.
Auxiliary TS queue WRITEQ time and count	TSQPUTAUX	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for WRITEQ requests to auxiliary temporary storage issued by the user task for this temporary storage queue. • The number of WRITEQ requests to auxiliary temporary storage issued against the temporary storage queue.
Main TS queue WRITEQ time and count	TSQPUTMAIN	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for WRITEQ requests to main temporary storage issued by the user task for this temporary storage queue. • The number of WRITEQ requests to main temporary storage issued against the temporary storage queue.
Shared TS queue WRITEQ time and count	TSQPUTSHR	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for WRITEQ requests to shared temporary storage issued by the user task for this temporary storage queue. • The number of WRITEQ requests to shared temporary storage issued against the temporary storage queue.
Total TSQ I/O time and count	TSQTOTAL	This is a composite field containing either or both of the following elements: • The total elapsed time that the user task waited for all requests issued by the user task for this temporary storage queue. • The total number of requests issued by the user task against the temporary storage queue.

RMI usage by task - TASKRMI

The **RMI usage by an individual task** (TASKRMI) views display information about the use tasks have made of the CICS Resource Manager Interface (RMI).

Supplied views

To access from the main menu, click:

CICS operations views > Task operations views > RMI usage by task

Table 232. Views in the supplied **RMI usage by task** *(TASKRMI) view set*

View	Notes
RMI usage by task EYUSTARTTASKRMI.DETAILED	Detailed information about the RMI use of a selected task
RMI usage by task EYUSTARTTASKRMI.TABULAR	Tabular information about use made of the RMI by tasks

Actions

Table 233. Actions available for TASKRMI views

Action	Description
GET	Indicates whether tasks queued for MAXTASKS or TRANCLASS MAXACTIVE should be included (YES) or excluded (NO) from the display. Queued tasks will be included if this parameter is not specified.

Fields

Table 234. Fields in TASKRMI views

Field	Attribute name	Description
User task CPU time	CPUTIME	This is a composite field displaying one of the following elements: • The CPU time used by this task. • The number of times this task was dispatched.
User task dispatch time	DISPTIME	This is a composite field containing either or both of the following elements: • The elapsed time since the task was dispatched. • The total number of requests issued by this task since the task was dispatched.
Task response time	RESPTIME	The task response time in milliseconds.
CICSPlex SM RMI elapsed time	RMICPSMTIME	This is a composite field containing either or both of the following elements: • The total elapsed time spent in the CICS RMI waiting for CICSPlex SM requests. • The number of CICSPlex SM requests in the CICS RMI
DB2 RMI elapsed time	RMIDB2TIME	This is a composite field containing either or both of the following elements: • The total elapsed time spent in the CICS RMI waiting for DB2 requests. • The number of DB2 requests in the CICS RMI
DBCTL RMI elapsed time	RMIDBCTLTIME	This is a composite field containing either or both of the following elements: • The total elapsed time spent in the CICS RMI waiting for DBCTL requests. • The number of DBCTL requests in the CICS RMI

Table 234. Fields in TASKRMI views (continued)

Field	Attribute name	Description
DL/I RMI elapsed time	RMIEXECDLITM	This is a composite field containing either or both of the following elements: • The total elapsed time spent in the CICS RMI waiting for EXEC DLI requests. • The number of EXEC DLI requests in the CICS RMI
MQSeries RMI elapsed time	RMIMQSERIEST	This is a composite field containing either or both of the following elements: • The total elapsed time spent in the CICS RMI waiting for WebSphere MQ requests. • The number of WebSphere MQ requests in the CICS RMI
Total other elapsed time	RMIOTHERTIME	This is a composite field containing either or both of the following elements: • The total elapsed time spent in the RMI excluding time suspended. • The total number of requests issued by this task in the RMI excluding suspend requests.
TCP/IP Sockets RMI elapsed time	RMITCPIPTIME	This is a composite field containing either or both of the following elements: • The total elapsed time spent in the CICS RMI waiting for CICS TCP/IP socket requests. • The number of CICS TCP/IP socket requests in the CICS RMI
Total RMI elapsed time	RMITIME	This is a composite field containing either or both of the following elements: • The total elapsed time spent in the RMI, including time suspended. • The total number of requests issued by this task in the RMI.
Total RMI elapsed time at last statistics interval	RMITOTALTIME	This is a composite field containing either or both of the following elements: • The total elapsed time spent in the RMI including time suspended. • The total number of requests issued by this task in the RMI.
Task start time	START	The time when the task started. This will be local time or GMT (Greenwich Mean Time) subject to the MNTIME system intialization parameter. If MNTIME is not set, the default is GMT.
Task stop time	STOP	The time when the task stopped. This will be local time or GMT (Greenwich Mean Time) subject to the MNTIME system intialization parameter. If MNTIME is not set, the default is GMT.
Task suspend time	SUSPTIME	This is a composite field containing either or both of the following elements: • The total elapsed time the task has been suspended since last dispatch. • The number of times the task has been suspended since last dispatch.
Task ID	TASKID	The ID of the task.
Transaction ID	TRANID	The name of the transaction associated with the task.
User ID	USERID	The ID of the user associated with the task.
Dispatch wait time	WAITTIME	This is a composite field containing either or both of the following elements: • The total elapsed time spent in the CICS RMI waiting for redispatch requests. • The number of redispatch requests in the CICS RMI

IP facilities - IPFACIL

The **IP facilities** (IPFACIL) views show the associations between active CICS tasks and the IP connections in use by those tasks.

Supplied views

To access from the main menu, click:

CICS operations views > TCP/IP service operations views > IP facilities

Table 235. Views in the supplied **IP facilities** *(IPFACIL) view set*

View	Notes
IP facilities EYUSTARTIPFACIL.DETAILED	Detailed information about a selected IP facility.
IP facilities EYUSTARTIPFACIL.TABULAR	Displays tabular information about IP facilities.

Actions

None.

Fields

Table 236. Fields in IPFACIL views

Field	Attribute name	Description
IP connection id	IPCONN	The IP connection name associated with the task.
IP facility type	IPFACILTYPE	The indicator of the type of IP facility in relation to its task. Values are: • PRINCIPAL This IP facility associates the main IP connection name to the owning task. • ALTERNATE This IP facility associates a secondary IP connection name to the owning task.
Associated task id	TASKID	The ID of the task associated with the IP facility.
IP facility token	TOKEN	The identifier token of the IP facility

Task association information - TASKASSC

The **Task association information** (TASKASSC) views show information associated to active tasks.

Supplied views

To access from the main menu, click:

CICS operations views > Task operations views > Task association information

Table 237. Views in the supplied **Task association information** *(TASKASSC) view set*

View	Notes
Task association information EYUSTARTTASKASSC.DETAIL2	Detail view displaying data for task correlation purposes relating to distributed identities
Task association information EYUSTARTTASKASSC.DETAILED	Detail view displaying data for task correlation purposes
Task association information EYUSTARTTASKASSC.TABULAR	Tabular view displaying data for task correlation purposes

Actions

None.

Fields

Table 238. Fields in TASKASSC views

Field	Attribute name	Description
Current Application Name	ACAPPLNAME	The name of the current application associated with this task.
Current Application Major Version	ACMAJORVER	The major version of the current application associated with this task.
Current Application Micro Version	ACMICROVER	The micro version of the current application associated with this task.
Current Application Minor Version	ACMINORVER	The minor version of the current application associated with this task.
Current Application Operation	ACOPERNAME	The operation being performed by the current application associated with this task.
Current Platform	ACPLATNAME	The name of the current platform associated with this task.
Socket application data	APPLDATA	The application data associated by CICS with the socket that received the request that started this task. If the task was not started through a socket then APPLDATA is blank.
Application ID	APPLID	The CICS region this task is running in.
Client IP address	CLIENTIPADDR	The IPv4 or IPv6 address of the TCP/IP client that requested this task to start. The format of this IP address is given in the IPFAMILY field. If this task was not started from a TCP/IP client or the source of this task has not yet been determined, this field will contain 0.0.0.0
Cluster connection type	CLIENTLOC	The SO_CLUSTERCONNTYPE options returned by z/OS Communications Server for the facility in FACILNAME, unless the value in FACILTYPE is IPIC in which case the CLIENTLOC value for the IPCONN is returned here. The binary format of SO_CLUSTERCONNTYPE is converted to characters and displayed here as either zeros or ones. See the z/OS 1.9 Communications Server IP Sockets Application Programming Interface Guide in the z/OS 1.9 information center for a description of SO_CLUSTERCONNTYPE and an explanation of the bit settings.
TCP/IP stack port number	CLIENTPORT	The number of the port that the TCP/IP stack used to send the request that resulted in this task being attached. If the task was not started in this way, CLIENTPORT contains zero.
Client IP address format	CLNTIPFAMILY	A value indicating the format of the IP address in the CLIENTIPADDR field. These are the possible values: • IPV4 - The address is specified in IPv4 dotted decimal address format. • IPV6 - The address is specified in IPv6 colon hexadecimal address format. • NOTAPPLIC - 0.0.0.0 is specified for the address.
Distinguished name	DNAME	This is the distinguished name for the specified realm. The name can be up to 246 UTF-8 characters long, which are displayed in hexadecimal format.
Facility name	FACILNAME	The facility associated with the initiation of this task. If the task was started by an unnamed facility, this attribute contains blanks.
Facility type	FACILTYPE	The type of facility that initiated this task.
User ID of initiating task	INITUSERID	The user ID of the initiating task (the task that caused this one to be attached).
IPCONN resource	IPCONN	The name of any IP connection (IPCONN) that was used to receive a request that resulted in this task starting. If the task was not started in this way, IPCONN contains blanks. This field contains a non-blank value only when the FACILTYPE is IPCONN.

Table 238. Fields in TASKASSC views (continued)

Field	Attribute name	Description
Server IP address format	IPFAMILY	A value indicating the format of the IP address in the SERVERIPADDR field. These are the possible values: • IPV4 - The address is specified in IPv4 dotted decimal address format. • IPV6 - The address is specified in IPv6 colon hexadecimal address format. • NOTAPPLIC - 0.0.0.0 is specified for the address.
VTAM LU name	LUNAME	The fully-qualified network name of the terminal from which this task was started. If the task was started from an IP interconnectivity (IPCONN), ISC over SNA (APPC), or MRO session, LUNAME contains the network name of the remote region. If the task was not started from a terminal, nor from an IPCONN, APPC, or MRO session, LUNAME contains blanks. For OTS transactions, LUNAME contains blanks.
MVS image	MVSIMAGE	The name of the MVS image associated with the TCPIPSERVICE used to receive a request that resulted in this task starting. If the task was not started in this way, MVSIMAGE contains blanks. Note: This function is dependent on Communication Server TCP/IP Network Access Control support being activated and the CLIENTIPADDRESS being configured into a network security zone.
Network ID	NETID	The network ID of the terminal from which this task was started.
Originating Application ID	ODAPPLID	The application ID taken from the Origin Descriptor associated with this task.
Originating adapter data 1	ODAPTRDATA1	The first section of the data that was added to the origin data by the adapter.
Originating adapter data 2	ODAPTRDATA2	The second section of the data that was added to the origin data by the adapter.
Originating adapter data 3	ODAPTRDATA3	The third section of the data that was added to the origin data by the adapter.
Originating adapter ID	ODAPTRID	The adapter identifier added to the origin data by the adapter. This field is blank if the task was not started via an adapter, or if it was and the adapter did not set this value.
Originating client IP address	ODCLNTIPADDR	The IPv4 or IPv6 address of the TCP/IP client that requested the originating task to start. The format of this IP address is given in the ODIPFAMILY field. If the originating task was not started from a TCP/IP client or the source of the originating task has not yet been determined, this field will contain 0.0.0.0
Originating portnumber	ODCLNTPORT	The number of the port used by the TCP/IP client that requested the originating task to start. If the originating task was not started in this way ODCLNTPORT returns zero.
Originating facility name	ODFACILNAME	If the facility associated with the initiation of the originating task is a transient data queue, a terminal, or a system, this attribute contains the name of the facility. If the originating task was not started in any of these ways, this attribute contains blanks.
Originating facility type	ODFACILTYPE	The type of facility that initiated the originating task that is associated with this task.
Originating client IP address format	ODIPFAMILY	A value indicating the format of the IP address in the ODCLNTIPADDR field. These are the possible values: • IPV4 - The address is specified in IPv4 dotted decimal address format. • IPV6 - The address is specified in IPv6 colon hexadecimal address format. • NOTAPPLIC - 0.0.0.0 is specified for the address.

Table 238. Fields in TASKASSC views (continued)

Field	Attribute name	Description
Originating VTAM LU name	ODLUNAME	The fully-qualified network name of the terminal from which the originating task was started. If the originating task was started from an IP interconnectivity (IPCONN), ISC over SNA (APPC), or MRO session, this attribute contains the network name of the remote region. If the originating task was not started from a terminal, nor from an IPCONN, APPC, or MRO session, this attribute contains blanks. For OTS transactions, this attribute contains blanks.
Originating network ID	ODNETID	The network qualifier for the LUNAME that caused the task to run.
Originating network ID	ODNETWORKID	The network qualifier for the origin region APPLID that the task ran on.
Originating server port	ODSERVERPORT	The listening IP port number that was used when the originating task received the request. If the originating task was not started in this way, this attribute is zero.
Originating task start time	ODSTARTTIME	The time when the originating task was started. The time is expressed in GMT.
Originating task start time	ODSTARTTM	A 21-character representation of the time when the originating task was started. The time is in the form yyyymmddhhmmss.ssssss.
Originating task ID	ODTASKID	The task ID of the originating task.
Originating TCP/IP service name	ODTCPIPS	The name of the TCPIPSERVICE or Liberty JVM server IP listener associated with the request that resulted in the originating task starting. If the originating task was not started in this way, this attribute contains blanks.
Originating transaction ID	ODTRANSID	The name of the transaction under which the originating task ran.
Originating user ID	ODUSERID	The user ID under which the originating task ran.
Previous hop applid	PHAPPLID	The VTAM application ID of the CICS system of a previous task in another CICS system with which this task is associated, or blanks if the CICS system on which this command is executed is a point of origin.
Previous hop count	PHCOUNT	The number of times there has been a request from one CICS system to another to initiate a task with which this task is associated, or zero if the CICS system on which this command is executed is a point of origin.
Previous hop network qualifier	PHNETWORKID	The network qualifier for the CICS system VTAM application ID of an immediately previous task with which this task is associated, or blanks if the CICS system on which this command is executed is a point of origin.
Previous hop task start time	PHSTARTTIME	The start time of an immediately previous task in another CICS region with which this task is associated. The time is in the form yyyymmddhhmmss.ssssss. This option is set as blanks if the CICS system on which this command is executed is a point of origin.
Previous hop task start time	PHSTARTTM	This is the time the task on the previous hop started.
Previous hop task ID	PHTASKID	The task ID of an immediately previous task in another CICS region with which this task is associated, or blanks if the CICS system on which this command is executed is a point of origin.
Previous hop transaction ID	PHTRANSID	The transaction ID of an immediately previous task in another CICS region with which this task is associated, or blanks if the CICS system on which this command is executed is a point of origin.
First program	PROGRAM	The name of the first program invoked by a task executing this transaction.
Previous transaction count	PTCOUNT	The number of times there has been a request from a task in the local CICS region to initiate a task in the same CICS region by either a RUN TRANSID or START command without the TERMID option with which this task is associated, or zero if there have been no such requests.

Table 238. Fields in TASKASSC views (continued)

Field	Attribute name	Description
Previous transaction task start time	PTSTARTTIME	The start time of an immediately previous, or parent, task in the same CICS region with which this task is associated. The time is in the form yyyymmddhhmmss.ssssss. This option is set as blanks if the task has no immediate parent task or is the point of origin for this request.
Previous transaction task start time	PTSTARTTM	The start time of an immediately previous, or parent, task in the same CICS region with which this task is associated. The time is in the form yyyymmddhhmmss.ssssss. This option is set as blanks if the task has no immediate parent task or is the point of origin for this request.
Previous transaction task ID	PTTASKID	The task ID of an immediately previous, or parent, task in the same CICS region with which this task is associated, or zero if the task has no immediate parent task or is the point of origin for this request.
Previous transaction transaction ID	PTTRANSID	The transaction ID of an immediately previous, or parent, task in the same CICS region with which this task is associated, or blanks if the task has no immediate parent task or is the point of origin for this request.
Basic authentication realm name	REALM	This is the realm name. The realm can be up to 255 UTF-8 characters long, which are displayed in hexadecimal format.
Scheduling IP server	SERVERIPADDR	The IPv4 or IPv6 address of the IP service that scheduled this task. The format of this IP address is given in the IPFAMILY field. If this task was not started from a IP service or the source of this task has not yet been determined, this field will contain 0.0.0.0.
Server listening port	SERVERPORT	The number of the port on which the IP service that received the request that resulted in this task being attached, is listening. The service can be a TCPIPSERVICE resource or a Liberty JVM server. If the task was not started in this way, SERVERPORT contains zero.
Task start time	STARTTIME	The time when this task was started. The time is expressed in GMT.
Task start time	STARTTM	A 21-character representation of the time when this task was started. The time is in the form yyyymmddhhmmss.ssssss.
Task ID	TASKID	The **Task association information** (TASKASSC) views show information associated to active tasks.
TCP/IP job	TCPIPJOB	The name of the TCP/IP job associated with the IP connection (IPCONN) that received the request that resulted in this task starting. If the task was not started in this way, TCPIPJOB contains blanks. Note: This function is dependent on Communication Server TCP/IP Network Access Control support being activated and the CLIENTIPADDRESS being configured into a network security zone
TCP/IP service name	TCPIPSERVICE	The name of the TCPIPSERVICE associated with the IP connection (IPCONN) that received the request that resulted in this task starting. If the task was not started in this way, this attribute contains blanks.
TCP/IP network security zone	TCPIPZONE	The name of the TCP/IP network security zone, if any, associated with the IPCONN that received the request that resulted in this task starting. If there is no TCP/IP network security zone, or the task was not started in this way, this attribute contains blanks. Note: This function is dependent on Communication Server TCP/IP Network Access Control support being activated and the CLIENTIPADDRESS being configured into a network security zone.
Transaction ID	TRANSACTION	The name of the transaction that this task is executing.
Transaction group ID	TRNGRPID	The transaction group ID of the origin transaction.
User correlation data	USERCORRDATA	The user correlator data that was added to the associated data origin descriptor by means of an XAPADMGR global user exit program. This field is created when the originating task is started. If the global user exit program is not driven at that point, this attribute contains blanks.
User ID	USERID	The user ID associated with this task.

TCP/IP service operations views

The TCP/IP services operations views show information about TCP/IP services within the current context and scope.

TCP/IP services - TCPIPS

The **TCP/IP service name** (TCPIPS) views display information about CICS internal sockets support.

Supplied views

To access from the main menu, click:

CICS operations views > TCP/IP service operations views > TCP/IP services

Table 239. Views in the supplied **TCP/IP service** *(TCPIPS) view set*

View	Notes
TCP/IP service EYUSTARTTCPIPS.CLOSE	Close a TCP/IP service. When this action command is used, a managed CICS system no longer accepts input from this TCP/IP service definition. Output operations from transactions in a managed CICS system that use this TCP/IP service definition are allowed to complete.
TCP/IP service EYUSTARTTCPIPS.DETAIL1	Detailed SSL cipher suite code information for a selected TCP/IP service definition.
TCP/IP service EYUSTARTTCPIPS.DETAIL2	Detailed information about the resource signature.
TCP/IP service EYUSTARTTCPIPS.DETAILED	Detailed information about a selected TCP/IP service definition.
TCP/IP service EYUSTARTTCPIPS.DISCARD	Discard a TCP/IP service definition from the CICS system where it is installed.
TCP/IP service EYUSTARTTCPIPS.IMMCLOSE	Requests a TCP/IP service definition to be closed immediately. When this action command is used, a managed CICS system no longer accepts input from this TCP/IP service definition. If a managed CICS system has transactions that are using the TCP/IP service definition, when this action command is used these transactions may be abnormally terminated.
TCP/IP service EYUSTARTTCPIPS.OPEN	Open a TCP/IP service. When this action command is used, a managed CICS system will accept input from this TCP/IP service definition.
TCP/IP service EYUSTARTTCPIPS.SET	Set attributes according new values specified in input fields.
TCP/IP service EYUSTARTTCPIPS.TABULAR	Tabular information about currently installed TCP/IP service definitions.

Actions

Table 240. Actions available for TCPIPS views

Action	Description
CLOSE	Close a TCP/IP service. When this action command is used, a managed CICS system no longer accepts input from this TCP/IP service definition. Output operations from transactions in a managed CICS system that use this TCP/IP service definition are allowed to complete.
DEREGISTER	This is obsolete from CICS TS Version 5 Release 2. Deregister a TCP/IP service definition.
DISCARD	Discard a TCP/IP service definition from the CICS system where it is installed.
IMMCLOSE	Requests a TCP/IP service definition to be closed immediately. When this action command is used, a managed CICS system no longer accepts input from this TCP/IP service definition. If a managed CICS system has transactions that are using the TCP/IP service definition, when this action command is used these transactions may be abnormally terminated.
OPEN	Open a TCP/IP service. When this action command is used, a managed CICS system will accept input from this TCP/IP service definition.
SET	Set attributes according new values specified in input fields.

Fields

Table 241. Fields in TCPIPS views

Field	Attribute name	Description
Attach-time security	ATTACHSEC	Indicates, for ECI over TCP/IP services, the level of attach-time security used by connections to CICS Clients: • LOCAL - CICS does not require a user ID or password from clients. • VERIFY - Incoming attach requests must specify a user identifier and a user password.
Authentication level	AUTHENTICATE	The level of authentication used by this TCP/IP resource.
Queue backlog setting	BACKLOG	The setting for the maximum number of requests which can be queued in TCP/IP waiting to be processed. Input Values: 0 - 32767. If the value of BACKLOG is greater than the TCP/IP configuration value for SOMAXCONN, TCP/IP uses the value specified by the SOMAXCONN attribute.
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Number of bytes received across all sockets	BYTERCVD	The total number of bytes received across all sockets in this TCP/IP Service.
Number of bytes sent across all sockets	BYTESENT	The total number of bytes sent across all sockets in this TCP/IP Service.
Certificate	CERTIFICATE	The name of a certificate within the key ring file that is to be used in the SSL handshake for this TCP/IP service.

Table 241. Fields in TCPIPS views (continued)

Field	Attribute name	Description
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • SYSTEM - The resource was last changed by the CICS or CICSPlex SM system. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
SSL cipher suite codes	CIPHERS	A value specifying up to 28 cipher suites, in the form of hexadecimal pairs. From CICS Transaction Server 5.1 this field can alternatively specify the name of an XML file residing on zFS which contains a list of ciphers. An XML file can be up to 28 characters.
Timeout for socket close (seconds)	CLOSETIMEOUT	The period in seconds after which the managed CICS system will close the socket if no data is received. This value applies when the socket close parameter is TIMEOUT.
Current maximum backlog	CMAXBACKLOG	The maximum value currently being used as the backlog for the TCP/IP service over all stacks. This may be greater than the value specified using the TCP/IP service's BACKLOG attribute as TCP/IP may increase this if e.g. it thinks there is a SYN flood.
Number of connections	CONNECTIONS	The current number of socket connections associated with this service.
Time connection last dropped	CONNLASTDROP	The time that a connection was last rejected due to the TCP/IP service's backlog queue being full.
Connections dropped	CONNSDROPPED	The total number of connections dropped due to the TCP/IP service's backlog queue being full, summed over all appropriate stacks if the TCP/IP service is listening on multiple stacks.
Current backlog	CURRBACKLOG	The current number of connection requests in the backlog, summed over all appropriate stacks if the TCP/IP service is listening on multiple stacks.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
Times disconnected a persistent connection at task limit	DISCATTLIM	The number of times an existing persistent HTTP connection was closed because the number of tasks in the region has exceeded the limit.
Times disconnected an connection at max uses	DISCATUSELIM	The number of times a persistent HTTP connection was disconnected because its number of uses had exceeded the limit.
Domain name service (DNS) group	DNSGROUP	This is obsolete from CICS TS Version 5 Release 2. The DNS Group Name.

Table 241. Fields in TCPIPS views (continued)

Field	Attribute name	Description
Domain name service (DNS) status	DNSSTATUS	This is obsolete from CICS TS Version 5 Release 2. The current state of WLM/DNS registration for this TCP/IP service: • NOTAPPLIC - This service is not using DNS connection optimization. No DNSGROUP attribute was specified when the resource was installed. • UNAVAILABLE - Registration is not supported by OS/390 • UNREGISTERED - Registration has not yet occurred (this is the initial state of any service). • REGISTERED - Registration has completed successfully. • REGERROR - Registration has failed with an error. • DEREGISTERED - Deregistration has completed successfully. • DEREGERROR - Deregistration has failed with an error.
Generic TCPIPService	GENERICTCPS	The name of the generic TCP/IP Service that this TCP/IP Service uses. When named, this TCPIPSERVICE is a specific TCP/IP Service.
GMT service open time	GMTSERVOPN	The Greenwich mean time at which this TCP/IP service was opened.
Critical domain name service (DNS) group member	GRPCRITICAL	This is obsolete from CICS TS Version 5 Release 2. Whether or not this TCP/IP service is a critical member of the DNS group: • CRITICAL - If this TCPIPSERVICE is closed, or abnormally stops listening for any reason, the group name specified in the DNSGROUP attribute is deregistered from WLM. • NONCRITICAL - If this TCPIPSERVICE is closed, or abnormally stops listening for any reason, the group name specified in the DNSGROUP attribute is not deregistered from WLM, unless this is the last service in a set with the same group name.
Server address to listen on	HOST	The host name or IP address of the server this TCPIPSERVICE should listen on for incoming requests, ANY or DEFAULT. The HOSTTYPE option gives the format of this value, as either a host name, an IPv4 address, an IPv6 address, ANY, DEFAULT or NOTAPPLIC. IPRESOLVED has the numerical IP address actually used.
The listening server's address format	HOSTTYPE	The format of the address in the HOST field that this service should listen on. • ANY - The ANY option has been specified for the server's address • DEFAULT - The DEFAULT option has been specified for the server's address • HOSTNAME - The server's address is a character host name. The IP address that corresponds to the host name is looked up in a domain name server • IPV4 - The server's address is an IPv4 address specified in dotted decimal address format • IPV6 - The server's address is an IPv6 address specified in colon hexadecimal address format • NOTAPPLIC - The server's host name or address is incorrect
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • GRPLIST - The resource was installed by GRPLIST INSTALL. • BUNDLE - The resource was installed by a bundle deployment.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
IPv4 address of the service	IPADDRESS	The IPv4 dotted-decimal address of the server this TCPIPSERVICE is listening on, ANY, INADDR_ANY or DEFAULT.

Table 241. Fields in TCPIPS views (continued)

Field	Attribute name	Description
Resolved IP address format	IPFAMILY	The format of this service's resolved IP address shown in IPRESOLVED. • IPV4 - IPRESOLVED contains an IPv4 address specified in dotted decimal address format. • IPV6 - IPRESOLVED contains an IPv6 address specified in colon hexadecimal address format. • UNKNOWN - IPRESOLVED is not yet in use, or the address cannot be resolved. This is the default when IPRESOLVED is 0.0.0.0
Resolved IP address	IPRESOLVED	The resolved IPv4 or IPv6 address this TCPIPSERVICE is listening on, or 0.0.0.0 if it is unavailable or unknown. If the address given in HOST is ANY or DEFAULT the resolved IP address is dynamically selected from the list of IP addresses associated with the IP stack that is in use by the application. This IP address changes depending on which socket is used and what server or current IP address is used for the listener. IPFAMILY gives the format of this IP address.
Maximum length of data that may be received	MAXDATALEN	The maximum length of data that may be received on this TCP/IP service.
Maximum persistent connections	MAXPERSIST	The maximum number of persistent connections the CICS will accept. The value is in the range 0-65535, or will have the standard null value of -1 if MAXPERSIST(NO) is specified on the MAXPERSIST definition.
TCP/IP service name	NAME	TCP/IP service name
Number of non-persisted connections	NONPERSIST	The number of non-persisted connections that have been made above the maxpersist limit.
Times a connection was made non-persistent because MAXPERSIST was reached	NPERSATMAXP	The number of times a new persistent connection was made non-persistent because MAXPERSIST was reached.
Times a connection made non-persistent at task limit	NPERSATTLIM	The number of times a new persistent HTTP connection was made non-persistent because the number of tasks in the region has exceeded the limit.
Number of SSL cipher suite codes	NUMCIPHERS	The count of cipher suite codes, which are specified as hexadecimal pairs. A value of 0 could indicate the use of an XML cipher file.
TCP/IP service status	OPENSTATUS	The state of the TCP/IP service definition as follows: • OPEN - Input is accepted from this TCP/IP service definition. • OPENING - Input is not accepted from this TCP/IP service definition. The service is in the process of OPENING. • CLOSED - Input is not accepted from this TCP/IP service definition. • CLOSING - Input is not accepted from this TCP/IP service definition. The service is in the process of CLOSING. • IMMCLOSE - Input is not accepted from this TCP/IP service definition. If a managed CICS system has transactions that are using the TCP/IP service definition, these transactions may be abnormally terminated. • IMMCLOSING - Input is not accepted from this TCP/IP service definition. CICS internal sockets support is in the process of immediate termination.
Peak number of connections	PEAKCONNS	The peak number of socket connections in use across this TCP/IP Service.
Port number	PORT	The port number on which the managed CICS system is listening for incoming client requests.

Table 241. Fields in TCPIPS views (continued)

Field	Attribute name	Description
Privacy for clients using this service	PRIVACY	This is obsolete from CICS TS Version 3 Release 1. Indicates the level of SSL encryption required for inbound connections to this service. • REQUIRED - Encryption must be used. • SUPPORTED - Encryption is used if both client and server support it. • NOTSUPPORTED - Encryption must not be used.
Protocol	PROTOCOL	The name of the protocol being used by this TCP/IP resource: • ECI - ECI over TCP/IP protocol. • HTTP - Hypertext Transfer protocol. • IIOP - This is obsolete from CICS TS Version 5 Release 1. Internet Inter-orb protocol. • IPIC - IP Interconnectivity protocol. • USER - User-defined protocol.
Basic authentication realm name	REALM	The realm that is provided when CICS requests basic authentication.
Number of receives across all sockets	RECEIVES	The total number of receives made across all sockets in this TCP/IP Service.
Requests	REQUESTS	The number of requests processed by the TCP/IP service.
Number of sends across all sockets	SENDS	The total number of sends made across all sockets in this TCP/IP Service.
Socket close action	SOCKETCLOSE	The action taken by the managed CICS system if no data is received from the socket. • WAIT - The managed CICS system waits and does not close the socket if no data is received. • TIMEOUT - The managed CICS system will close the socket if no data has been received after the period specified in the close timeout parameter.
Specific TCPIPService	SPECIFTCPS	The name of the specific TCP/IP Service that this TCP/IP Service uses. When named, this TCP/IP Service is a generic TCP/IP Service.
Secure sockets layer (SSL) type	SSLTYPE	Whether the service uses secure sockets layer. • NOSSL - The service does not use secure sockets layer. • SSL - Secure sockets layer is used by this service except for client authentication. • CLIENTAUTH - Secure sockets layer is used by this service including client authentication. • ATTLSAWARE - CICS expects AT-TLS to secure the client connections for this service. This may support client authentication.
Local service open time	TIMEOPEN	The local time at which this TCP/IP service was opened.
Total connections	TOTALCONNS	The total number of connections made for the TCP/IP service.
Number of transactions attached	TRANATTACH	The total number of transactions attached via this TCP/IP Service.
CICS transaction ID	TRANSID	The identifier of the transaction which is attached to process requests received for this service.
TS queue prefix	TSQPREFIX	This parameter is no longer required or used in CICS Transaction Server for z/OS, Version 3 Release 2 and later releases.
User-replaceable module name	URM	The name of the user-replaceable module to be invoked by this service.

Global TCP/IP statistics - TCPIPGBL

The **TCP/IP global statistics** (TCPIPGBL) views display information about CICS internal TCP/IP sockets support.

Supplied views

To access from the main menu, click:

CICS operations views > TCP/IP service operations views > Global TCP/IP statistics

Table 242. Views in the supplied **Global TCP/IP statistics** *(TCPIPGBL) view set*

View	Notes
Global TCP/IP statistics EYUSTARTTCPIPGBL.DETAIL1	Details of CRL profile in a selected CICS system.
Global TCP/IP statistics EYUSTARTTCPIPGBL.DETAILED	Detailed information about TCP/IP sockets in a selected CICS system
Global TCP/IP statistics EYUSTARTTCPIPGBL.SET	Set attributes according new values specified in input fields
Global TCP/IP statistics EYUSTARTTCPIPGBL.TABULAR	Tabular information about CICS internal TCP/IP sockets

Actions

Table 243. Actions available for TCPIPGBL views

Action	Description
SET	Set attributes according new values specified in input fields

Fields

Table 244. Fields in TCPIPGBL views

Field	Attribute name	Description
Number of active TCP/IP sockets	ACTSOCKETS	The current number of active TCP/IP sockets managed by the CICS sockets domain.
Current number of requests delayed at maximum sockets	CDELMAXSOCKS	The current number of tasks waiting at maxsockets.
Current number of non-persistent inbound sockets	CINSCKSNPERS	The current number of non-persistent inbound sockets.
Number of inbound sockets	CINSOCKETS	The current number of inbound TCP/IP sockets.
Number of non-persistent outbound sockets	COUTSOCKETS	The current number of outbound TCP/IP sockets.
Number of persistent outbound sockets	CPERSOCKETS	The current number of persistent outbound TCP/IP sockets.
Current delay time at maximum sockets (seconds)	CQTMAXSOCKS	The current delay time at maxsockets (seconds).
Certificate Revocation List (CRL) Profile Name	CRLPROFILE	The name of the Certificate Revocation List (CRL) Profile.
CRL server name	CRLSERVER	The name of the Certificate Revocation List (CRL) server.
Total number of requests delayed at maximum sockets	DELMAXSOCKS	The number of tasks that have waited at maxsockets since the last CICS statistics reset.
Total number of non-persistent inbound sockets created	INSCKSNPERS	The total number of non-persistent inbound sockets created.

Table 244. Fields in TCPIPGBL views (continued)

Field	Attribute name	Description
Number of inbound sockets created	INSOCKETSCR	The number of inbound TCP/IP sockets created since the last CICS statistics reset.
Last time socket listener paused listening for HTTP connections	LTIMPAUSLIST	The last time the socket listener paused listening for HTTP connection requests because the number of tasks in the region had reached the limit for accepting new HTTP connection requests.
Last time stopped HTTP connection persistence	LTIMSTOPPERS	The last time the region took action to stop HTTP connection persistence because the number of tasks in the region has exceeded the limit.
Maximum number of TCP/IP sockets	MAXSOCKETS	The maximum number of TCP/IP sockets that can be managed by the CICS sockets domain. Input Values: 1 - 65535
Total number of times outbound sockets reused	OUTSCKSREUSE	The total number of times a pooled connection was reused.
Number of outbound sockets closed	OUTSOCKETSCL	The number of outbound TCP/IP sockets closed since the last CICS statistics reset.
Number of outbound sockets created	OUTSOCKETSCR	The number of outbound TCP/IP sockets created since the last CICS statistics reset.
Total number of persistent outbound sockets	OUTSOCKSPERS	The total number of persistent outbound sockets created.
Socket listener has paused listening for HTTP connections	PAUSINGLIST	Indicates whether the listener has paused listening for HTTP connection requests because the number of tasks in the region has reached the limit for accepting new HTTP connection requests.
Peak number of requests delayed at maximum sockets	PDELMAXSOCKS	The peak number of tasks waiting at maxsockets since the last CICS statistics reset.
Peak number of non-persistent inbound sockets	PINSCKSNPERS	The peak number of non-persistent inbound sockets.
Peak number of persistent inbound sockets	PINSCKSPERS	The peak number of persistent inbound sockets.
Peak number of inbound sockets	PINSOCKETS	The peak number of inbound TCP/IP sockets since the last CICS statistics reset.
Peak number of outbound sockets	POUTSCKSBOTH	The peak number of both persistent and non-persistent outbound sockets.
Peak number of non-persistent outbound sockets	POUTSOCKETS	The peak number of non-persistent outbound TCP/IP sockets since the last CICS statistics reset.
Peak number of persistent outbound sockets	PPERSOCKETS	The peak number of persistent outbound TCP/IP sockets since the last CICS statistics reset.
Total delay time at maximum sockets (seconds)	QTMAXSOCKS	The total delay time at maxsockets since the last CICS statistics reset (seconds).
Reserved area	RSVD1	The reserved area.
Performance tuning for HTTP connections	SOTUNING	Indicates whether performance tuning for HTTP connections will take place. • YES - Performance tuning for HTTP connections will take place. • 520 - Performance tuning for HTTP connections will not take place. If sharing IP endpoints, ensure all regions have the same SOTUNING value or uneven loading may occur.
SSL cache type	SSLCACHE	The SSL Cache type - may be CICS, SYSPLEX or Not applicable.
TCP/IP status	STATUS	The status of CICS internal sockets support (TCP/IP). Input Values: OPEN, CLOSED, IMMCLOSE
Region stopping HTTP connection persistence	STOPPINGPERS	Indicates whether the region is stopping HTTP connection persistence because the number of tasks in the region has exceeded the limit.

Table 244. Fields in TCPIPGBL views (continued)

Field	Attribute name	Description
Number of timeouts at maximum sockets	TDOMAXSOCKS	The number of timeouts at maxsockets since the last CICS statistics reset.
Number of times socket listener notified at task accept limit	TIMATACCLIM	The number of times the listener has been notified that the number of tasks in the region has reached the limit for accepting new HTTP connection requests.
Number of times disconnected an HTTP connection at maximum uses	TIMDISCATMAX	The number of times a persistent HTTP connection was disconnected because the number of uses had exceeded the limit.
Number of times maximum sockets reached	TIMMAXSOCKS	The number of times the maxsockets limit was reached since the last CICS statistics reset.
Number of persistent HTTP connections made non-persistent	TIMMNONPERS	The number of times a persistent HTTP connection was made non-persistent because the number of tasks in the region has exceeded the limit.
Number of times region stopped HTTP connection persistence	TIMSTOPPERS	The number of times the region took action to stop HTTP connection persistence because the number of tasks in the region has exceeded the limit.

IPIC connections - IPCONN

In a TCP/IP network, **IPIC connection** (IPCONN) views display the state of currently-installed IP intercommunications connections (also known as "*IPIC* connections").

Supplied views

To access from the main menu, click:

CICS operations views > TCP/IP service operations views > IPIC connections

Table 245. Views in the supplied **IPIC connections** *(IPCONN) view set*

View	Notes
IPIC connections EYUSTARTIPCONN.ACQUIRE	Acquire a connection
IPIC connections EYUSTARTIPCONN.BACKOUT	Back out all units of work that have been shunted because of the failure of this IPIC connection.
IPIC connections EYUSTARTIPCONN.CANCEL	Cancel all automatic initiation descriptors (AIDs) queuing for the IPIC connection.
IPIC connections EYUSTARTIPCONN.COMMIT	Commit all units of work that have been shunted because of the failure of this IP connection.
IPIC connections EYUSTARTIPCONN.DETAIL4	Detailed information about the resource signature.
IPIC connections EYUSTARTIPCONN.DETAILED	Detailed information about a selected IP interconnectivity (IPIC) connection.
IPIC connections EYUSTARTIPCONN.DETAILED2	Detailed session information and allocate requests for a selected IP interconnectivity (IPIC) connection.
IPIC connections EYUSTARTIPCONN.DETAILED3	Detailed function ship information for a selected IP interconnectivity (IPIC) connection.

Table 245. Views in the supplied **IPIC connections** *(IPCONN) view set (continued)*

View	Notes
IPIC connections EYUSTARTIPCONN.DISCARD	Discard a connection from the CICS system where it is installed. The connection must be out of service before it can be discarded.
IPIC connections EYUSTARTIPCONN.FORCE	Force all UOWs shunted because of the failure of this IPIC connection to BACKOUT or COMMIT, as specified on the ACTION option of the TRANSACTION definition.
IPIC connections EYUSTARTIPCONN.FORCECANCEL	Cancel all AIDs, including system AIDs, queuing for the IPIC connection.
IPIC connections EYUSTARTIPCONN.FORCEPURGE	Force transactions associated with the IP connection purged immediately.
IPIC connections EYUSTARTIPCONN.INSERVICE	Place a connection in service.
IPIC connections EYUSTARTIPCONN.KILL	Terminate the task allocated to the IPCONN session. System and data integrity is not guaranteed. The KILL option extends the PURGE and FORCEPURGE options. It should be used only after an attempt has been made to PURGE or FORCEPURGE a task. The KILL option does not guarantee integrity of any kind but in some situations it allows you to free up a stalled region, enabling the region to continue processing. In some cases, for example, if a task is killed during backout processing, CICS terminates abnormally.
IPIC connections EYUSTARTIPCONN.NORECOVDATA	Force all in-doubt units of work, forget any outstanding resynchs, and erase the logname previously received from the partner system.
IPIC connections EYUSTARTIPCONN.NOTPENDING	Force all in-doubt units of work and forget any outstanding resynchs created before the initial (or cold) start of the partner system. This overrides the resynchronization process.
IPIC connections EYUSTARTIPCONN.OUTSERVICE	Take a connection out of service.
IPIC connections EYUSTARTIPCONN.PURGE	Purge normally the transactions associated with the IPIC connection. CICS terminates the transactions associated with this connection only if system and data integrity can be maintained. **Note:** A transaction is not purged if its definition specifies SPURGE=NO.
IPIC connections EYUSTARTIPCONN.RELEASE	Release the IPIC connection.
IPIC connections EYUSTARTIPCONN.RESYNC	Attempt exchange lognames resynchronization.
IPIC connections EYUSTARTIPCONN.SET	Display the **Set** view in order to change the attributes of a selected connection.
IPIC connections EYUSTARTIPCONN.TABULAR	Tabular information about IP interconnectivity (IPIC) connections.

Actions

Table 246. Actions available for IPCONN views

Action	Description
ACQUIRE	Acquire a connection

Table 246. Actions available for IPCONN views (continued)

Action	Description
BACKOUT	Back out all units of work that have been shunted because of the failure of this IPIC connection.
CANCEL	Cancel all automatic initiation descriptors (AIDs) queuing for the IPIC connection.
COMMIT	Commit all units of work that have been shunted because of the failure of this IP connection.
DISCARD	Discard a connection from the CICS system where it is installed. The connection must be out of service before it can be discarded.
FORCE	Force all UOWs shunted because of the failure of this IPIC connection to BACKOUT or COMMIT, as specified on the ACTION option of the TRANSACTION definition.
FORCECANCEL	Cancel all AIDs, including system AIDs, queuing for the IPIC connection.
FORCEPURGE	Force transactions associated with the IP connection purged immediately.
INSERVICE	Place a connection in service.
KILL	Terminate the task allocated to the IPCONN session. System and data integrity is not guaranteed. The KILL option extends the PURGE and FORCEPURGE options. It should be used only after an attempt has been made to PURGE or FORCEPURGE a task. The KILL option does not guarantee integrity of any kind but in some situations it allows you to free up a stalled region, enabling the region to continue processing. In some cases, for example, if a task is killed during backout processing, CICS terminates abnormally.
NORECOVDATA	Force all in-doubt units of work, forget any outstanding resynchs, and erase the logname previously received from the partner system.
NOTPENDING	Force all in-doubt units of work and forget any outstanding resynchs created before the initial (or cold) start of the partner system. This overrides the resynchronization process.
OUTSERVICE	Take a connection out of service.
PURGE	Purge normally the transactions associated with the IPIC connection. CICS terminates the transactions associated with this connection only if system and data integrity can be maintained. **Note:** A transaction is not purged if its definition specifies SPURGE=NO.
RELEASE	Release the IPIC connection.
RESYNC	Attempt exchange lognames resynchronization.
SET	Display the **Set** view in order to change the attributes of a selected connection.

Fields

Table 247. Fields in IPCONN views

Field	Attribute name	Description
Number of allocations failed on link	ALLCFAILLINK	The number of session allocations that have failed on the link for this connection.
Number of allocations failed for other reasons	ALLCFAILOTH	The number of session allocations that have failed on this connection for non-link related reasons.
Remote application ID	APPLID	The name by which the remote system is known to the network (taken from the APPLID option of the IPCONN definition). This is the application identifier (*applid*) of the remote system, as specified on the APPLID option of its system initialization table. For XRF systems it is the generic applid.

Table 247. Fields in IPCONN views (continued)

Field	Attribute name	Description
Autoconnect option	AUTOCONNECT	Identifies which AUTOCONNECT option has been specified in the IPCONN definition: • NOAUTOCONN – CICS does not try to establish sessions when the IPIC connection is installed. • AUTOCONN – CICS tries to establish sessions when the IPIC connection is installed.
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Certificate	CERTIFICATE	The name of a certificate within the key ring file that is to be used as a client certificate in the SSL handshake for outbound IPCONN connections.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • AUTOINSTALL - The resource was last autoinstalled. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	If the connection was installed using a CICSPlex SM SYSLINK definition, this is the CICS release level of the CICS system where the connection is installed. For connections not installed using SYSLINK this is the CICS release level of the agent that made the last modification to the IPIC connection definition.
Last modification time	CHANGETIME	If the connection was installed using a CICSPlex SM SYSLINK definition, this is the local date and time of the install. For connections not installed using SYSLINK this is the local date and time when the IPIC connection definition was last changed.
Last modification user ID	CHANGEUSRID	If the connection was installed using a CICSPlex SM SYSLINK definition, this is the user ID that requested the install. For connections not installed using SYSLINK this is the user ID that made the last modification to the IPIC connection definition.
SSL cipher suite codes	CIPHERS	A value specifying up to 28 cipher suites, in the form of hexadecimal pairs. From CICS Transaction Server 5.1 this field can alternatively specify the name of an XML file residing on zFS which contains a list of ciphers. An XML file can be up to 28 characters.
Most diverse route to partner system	CLIENTLOC	An IPCONN may use a number of sockets to provide different paths to its partner system. The SO_CLUSTERCONNTYPE options returned by z/OS Communications Server for all the sockets used by the IPCONN are evaluated, and the options representing the most diverse route are returned here. The binary format of SO_CLUSTERCONNTYPE is converted to characters and displayed here as either zeros or ones. See the z/OS 1.9 Communications Server IP Sockets Application Programming Interface Guide in the z/OS 1.9 Information Center for a description of SO_CLUSTERCONNTYPE and an explanation of the bit settings.

Table 247. Fields in IPCONN views (continued)

Field	Attribute name	Description
Connection status	CONNSTATUS	The state of the IPIC connection between CICS and the remote system: • ACQUIRED – The IPIC connection is acquired. The criterion for ACQUIRED is that the capabilities exchange is complete. (The capabilities exchange is how two connected CICS regions discover the levels of service that they can collectively support; for example, the syncpoint level, and security protocols such as SSL.) • FREEING – The IPIC connection is being released. • OBTAINING – The IPIC connection is being acquired. The connection remains in the OBTAINING state until all the criteria for ACQUIRED have been met. • RELEASED – The IPIC connection is RELEASED. Although it may also be in INSERVICE status, it is not usable.
Number of receive sessions in use	CRECVSESS	The number of receive sessions in use on this connection.
Number of send sessions in use	CSENDSESS	The number of send sessions in use on this connection.
Current number of allocates queued	CURRQUEUED	The number of session allocations currently queued on this connection.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	If the connection was installed using a CICSPlex SM SYSLINK definition, this is the local date and time of the install. For connections not installed using SYSLINK this is the local date and time when the IPIC connection definition record was created on DFHCSD or EYUDREP.
Number of XISQUE allocates purged	EXITALLCPUR	The number of sessions on this connection that have been purged by the XISQUE exit module.
Number of XISQUE allocation queue purges	EXITALLCQPUR	The number of session allocations on this connection that have been purged by the XISQUE exit module.
Number of XISQUE allocate rejections	EXITALLCREJ	The number of session allocations on this connection that have been rejected by the XISQUE exit module.
Number of FC function shipped bytes received	FSFCBYTERECD	The number of bytes received by file control requests.
Number of FC function shipped bytes sent	FSFCBYTESENT	The number of bytes sent by file control requests.
Number of FC function shipped requests	FSFCREQS	The number of file control requests for function shipping on this connection.
Number of IC function shipped bytes received	FSICBYTERECD	The number of bytes received on interval control requests.
Number of IC function shipped bytes sent	FSICBYTESENT	The number of bytes sent on interval control requests.
Number of IC function shipped requests	FSICREQS	The number of interval control requests for function shipping on this connection.
Number of PC function shipped bytes received	FSPCBYTERECD	The number of bytes received on LINK requests.
Number of PC function shipped bytes sent	FSPCBYTESENT	The number of bytes sent on LINK requests.
Number of PC function shipped requests	FSPGREQS	The number of program control LINK requests for function shipping on this connection.

Table 247. Fields in IPCONN views (continued)

Field	Attribute name	Description
Number of TD function shipped bytes received	FSTDBYTERECD	The number of bytes received on transient data requests.
Number of TD function shipped bytes sent	FSTDBYTESENT	The number of bytes sent on transient data requests.
Number of TD function shipped requests	FSTDREQS	The number of transient data requests for function shipping on this connection.
Number of TS function shipped bytes received	FSTSBYTERECD	The number of bytes received on temporary storage requests.
Number of TS function shipped bytes sent	FSTSBYTESENT	The number of bytes sent on temporary storage requests.
Number of TS function shipped requests	FSTSREQS	The number of temporary storage requests for function shipping on this connection.
GMT connection create time	GMTCTIME	The time when the connection was created in Greenwich Mean Time (GMT) format.
GMT connection delete time	GMTDTIME	The time when the connection was deleted in Greenwich Mean Time (GMT) format
High availability status	HA	Indicate whether the IPIC connection requires high availability. • REQUIRED – The IPIC connection requires high availability. • NOTREQUIRED – The IPIC connection does not require high availability.
Remote host name	HOST	The host name or IP address of the remote system. The HOSTTYPE option gives the format of this value as either a name, an IPv4 address or an IPv6 address.
Host name's address format	HOSTTYPE	The format of the host's address. These are the possible values: • HOSTNAME - HOST contains a character host name. The IP address that corresponds to the host name is looked up using DNS. • IPV4 - HOST contains an IPv4 address specified in dotted decimal address format. • IPV6 - HOST contains an IPv6 address specified in colon hexadecimal address format. • NOTAPPLIC - The HOST name or address is incorrect (HOST=0.0.0.0 or HOST=*).
Identity propagation	IDPROP	Specifies whether the Distributed ID will be transmitted to the connected system by the sender. The IDPROP attribute is meaningful only if a connection extends outside a sysplex and is used primarily to prevent distributed identities being distributed between enterprises. If the connection is between systems in the same sysplex, the connection operates as if IDPROP(OPTIONAL) is specified and ignores any other setting. • NOTALLOWED: A user ID associated with the sending transaction is sent for requests using this connection. NOTALLOWED is the default value. • OPTIONAL: A distributed identity is sent, if available. The user ID associated with the sending transaction is also sent. • REQUIRED: A distributed identity is required for requests using this connection. If REQUIRED is specified, the receiving system must support distributed identities. The user ID associated with the sending transaction is not sent. If you specify IDPROP(REQUIRED), a task using the IPIC connection must have an associated distributed identity, otherwise the request fails with a security error.

Table 247. Fields in IPCONN views (continued)

Field	Attribute name	Description
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • AUTOINSTALL - The resource was autoinstalled. • GRPLIST - The resource was installed by GRPLIST INSTALL.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
The format of the resolved IP address	IPFAMILY	The format of the resolved IP address, IPRESOLVED. These are the possible values: • IPV4 - The address is specified in IPv4 dotted decimal address format. • IPV6 - The address is specified in IPv6 colon hexadecimal address format. • UNKNOWN - IPRESOLVED is not yet in use, or the address cannot be resolved. This is the default when IPRESOLVED is 0.0.0.0
Remote host's IP address	IPRESOLVED	The resolved IPv4 or IPv6 address of the HOST to which this IPCONN applies, or 0.0.0.0 if it is unavailable or unknown. The format of this IP address is given by the IPFAMILY option.
Link security	LINKAUTH	Specifies how the user ID for link security is established in a CICS system with security initialized (SEC=YES). • CERTUSER - TCP/IP communication with the partner system must be configured for SSL and a certificate must be received from the partner system during SSL handshake. For example, the TCPIPSERVICE in the partner CICS system should be defined with SSL(YES) or SSL(CLIENTAUTH) In addition, this received certificate must be defined to the external security manager so that it is associated with a user ID. This user ID is used to establish link security. • SECUSER - The user ID specified in SECURITYNAME is used to establish link security. This is the default value.
Local connection create time	LOCCTIME	The local time when the connection was created.
Local connection delete time	LOCDTIME	The local time when the connection was deleted.
Maximum queue time	MAXQTIME	The maximum time, in seconds, for which allocate requests may be queued. The value is in the range 0-9999, or will have the standard null value of -1 if MAXQTIME(NO) is specified on the IPCONN definition.
Minimum mirror lifetime	MIRRORLIFE	Indicates the minimum lifetime of the mirror task for function shipped requests received by this region. This parameter only takes affect when specified on the IPCONN on the resource-owning region and is not to be honored for function shipping interval control or linkrequests. • REQUEST: The mirror task will terminate as soon as possible. • TASK: The mirror task remains available to the application issuing the remote request the until the end of this application's task. • UOW: The mirror transaction remains available to the application issuing the remote request until the next syncpoint is issued.
Number of queue time allocates purged	MQTALLPURG	The number of session allocations that have been purged on this connection because the queue time value has been exceeded.
Number of queue time allocation queue purges	MQTALLQPURG	The number of session allocations that have failed on this connection because the queue time value has been exceeded.
IPIC connection ID	NAME	The 8-character identifier of the remote system or region (that is, the name assigned to its IPCONN definition).

Table 247. Fields in IPCONN views (continued)

Field	Attribute name	Description
Remote network ID	NETWORKID	The network ID of the remote system. This is the value of the NETWORKID option of the IPCONN definition. If NETWORKID is not specified on the IPCONN definition, the value returned is the VTAM NETID or, for VTAM=NO systems, the value of the UOWNETQL system initialization parameter, of this CICS (that is, the CICS on which the IPCONN definition is installed). NETWORKID is used in combination with the APPLID option to ensure unique naming for connecting systems.
Number of SSL cipher suite codes	NUMCIPHERS	The count of cipher suite codes, which are specified as hexadecimal pairs. A value of 0 could indicate the use of an XML cipher file.
Product token of partner system	PARTNER	The product token of the partner system, unless the partner system is CICS TS 5.3 or later and is making use of the HTTPUSRAGENTHDR system initialization parameter. The field is blank when the connection is not acquired or if the partner system has not indicated a product token when the connection is established. For example, the partner system is IBM_CICS_Transaction_Server/4.1.0(zOS) for a CICS TS 4.1 partner.
Number of peak queued session allocations	PEAKQUEUED	The maximum number of session allocations queued on this connection at any one time.
Pending status	PENDSTATUS	Identifies whether there are any pending units of work for this IPIC connection: • NOTPENDING – There has been no mismatch of lognames with the partner. • PENDING – There is resynchronization work outstanding for the IPIC connection but the partner system has performed an initial start, preventing completion of the resynchronization process. You can use the SET IPCONN NOTPENDING command to unilaterally commit or back out the units of work associated with the connection, according to their associated transaction definitions. You can also investigate the units of work individually and force them to commit or back out, in which case you must also complete the recovery activity by using a SET IPCONN NOTPENDING command to clear the PENDING condition. No new syncpoint work (that is, work involving sync level 2 protocols) can be transmitted across the connection until a SET IPCONN NOTPENDING command has been issued. If you are not concerned by the loss of synchronization caused by the initial (or cold) start of the partner, you can cause the SET IPCONN NOTPENDING command to be issued automatically by specifying XLNACTION(FORCE) on the IPCONN definition.
Port number	PORT	The port number used for outbound requests on this IPIC connection; that is, the number of the port on which the remote system is listening. If the IPCONN is defined with PORT(NO), the value is -1.
Maximum number of receive sessions used	PRECVSESS	The maximum number of receive sessions in use on this connection at any one time.
Maximum number of send sessions used	PSENDSESS	The maximum number of send sessions in use on this connection at any one time.

Table 247. Fields in IPCONN views (continued)

Field	Attribute name	Description
Purge type	PURGETYPE	How associated transactions are purged: • CANCEL – AIDs queuing for the specified IPCONN are canceled. • FORCECANCEL – All AIDs, including system AIDs, queuing for the IPCONN are canceled. **Note:** FORCECANCEL does not remove transient data AIDs with an associated triggered task. You can remove these AIDs by purging the associated task. • FORCEPURGE – All transactions running on sessions on the connected system are immediately terminated abnormally. This can lead to unpredictable results and should be used only in exceptional circumstances. In some extreme cases (for example, if an error occurs during backout processing), CICS might terminate abnormally. For in-doubt and shunted UOWs, FORCEPURGE has no effect. **Note:** To force shunted UOWs, the operator must issue SET IPCONN COMMIT, BACKOUT, or FORCE following a FORCEPURGE. This can lead to unpredictable results and should be used only in exceptional circumstances. • KILL – The task allocated to the IPCONN session is terminated. System and data integrity is not guaranteed. The KILL option extends the PURGE and FORCEPURGE options. It should be used only after an attempt has been made to PURGE or FORCEPURGE a task. The KILL option does not guarantee integrity of any kind but in some situations it allows you to free up a stalled region, enabling the region to continue processing. In some cases, for example, if a task is killed during backout processing, CICS terminates abnormally. • PURGE – Transactions running on the connected system are abnormally terminated. Transactions are terminated only if system and data integrity can be maintained. A transaction is not purged if its definition specifies SPURGE=NO, or if the UOW is shunted.
Number of queue limit allocate rejections	QLIMALLOCREJ	The number of session allocations that have failed on this connection because the queue limit value has been reached.
Queue limit	QUEUELIMIT	The maximum number of allocate requests that can be queued for this IPIC connection. The value is in the range 0-9999, or will have the standard null value of -1 if QUEUELIMIT(NO) is specified on the IPCONN definition.
Receive count	RECEIVECOUNT	The number of RECEIVE sessions defined for this IPIC connection.
Recovery status	RECOVSTATUS	Identifies whether there is resynchronization work outstanding for the IPIC connection. The connection may never have been connected, have been quiesced and all resynchronization work completed, or disrupted without quiescence, in which case resynchronization may be necessary. • NORECOVDATA – Neither side has recovery information outstanding. • NRS – CICS does not have recovery outstanding for the connection, but the partner may have. • RECOVDATA – There are in-doubt units of work associated with the IPIC connection, or there are outstanding resynchronization tasks awaiting FORGET on the connection. Resynchronization takes place when the connection next becomes active, or when the UOW is unshunted.
Remote terminal starts	REMTRMSTRT	The number of remote terminal starts over this connection.

Table 247. Fields in IPCONN views (continued)

Field	Attribute name	Description
Security name of the remote system	SECURITYNAME	This is the security name of the remote system and is applicable to PROTOCOL(IPIC) only. In a CICS system with security initialized (SEC=YES), the security name is used to establish the authority of the remote system. The security name must be a valid RACF user ID on your system. The default value for the security name is the default user ID.
Send count	SENDCOUNT	The number of SEND sessions defined for this IPIC connection. If a value of 0 is shown, then this IPIC connection may only receive data.
Service status	SERVSTATUS	Identifies whether data can be sent and received on the IPIC connection: • INSERVICE – Data can be sent and received. • OUTSERVICE – Data cannot be sent or received.
Secure sockets layer (SSL) type	SSLTYPE	Whether the service uses secure sockets layer. • NOSSL - The service does not use secure sockets layer. • SSL - Secure sockets layer is used by this service except for client authentication.
TCP/IP service	TCPIPSERVICE	The 8-character name of a PROTOCOL(IPIC) TCPIPSERVICE definition that defines the attributes of the inbound processing for this IPCONN.
Total number of session allocations	TOTALLOC	The total number of sessions that have been used on this connection.
Number of transactions attached	TRANSATTCH	The number of transactions that have been attached on this connection.
Number of TR function shipped bytes received	TRBYTERECD	The number of bytes received for transaction routing on this connection.
Number of TR function shipped bytes sent	TRBYTESENT	The number of bytes sent for transaction routing on this connection.
Number of TR function shipped requests	TRREQS	The number of transaction routing requests over this connection.
Number of unsupported requests	UNSUPREQS	The number of attempts to function ship unsupported requests across this connection.
UOW Action	UOWACTION	The action taken for units of work (UOWs) that are shunted because of the failure of this IPIC connection: • BACKOUT – All UOWs shunted because of the failure of this IPIC connection are backed out. • COMMIT – All UOWs shunted because of the failure of this IPIC connection are committed. • FORCEUOW – All UOWs shunted because of the failure of this IPIC connection are forced to BACKOUT or COMMIT, as specified on the ACTION option of the TRANSACTION definition. • RESYNC – Any UOWs shunted because of the failure of this IPIC connection are retried (that is, exchange lognames resynchronization for this connection is attempted). This process should normally be started automatically when a connection is acquired or when a UOW is unshunted.

Table 247. Fields in IPCONN views (continued)

Field	Attribute name	Description
Attach-time user security level	USERAUTH	The level of attach-time user security required for the connection: • DEFAULTUSER - CICS will not accept a user ID and password from the partner system. All requests run under the default user ID. • LOCAL - CICS will not accept a user ID and password from the partner system. All requests will run under the user ID determined for link security. • VERIFY - Incoming attach requests must specify a user identifier and a user password. • IDENTIFY - Incoming attach requests must specify a user identifier. For CICS TS Version 4 Release 1 system, this allows the distributed ID to be transmitted to the connected system by the sender, should it be required.

IP facilities - IPFACIL

The **IP facilities** (IPFACIL) views show the associations between active CICS tasks and the IP connections in use by those tasks.

Supplied views

To access from the main menu, click:

CICS operations views > TCP/IP service operations views > IP facilities

Table 248. Views in the supplied **IP facilities** *(IPFACIL) view set*

View	Notes
IP facilities EYUSTARTIPFACIL.DETAILED	Detailed information about a selected IP facility.
IP facilities EYUSTARTIPFACIL.TABULAR	Displays tabular information about IP facilities.

Actions

None.

Fields

Table 249. Fields in IPFACIL views

Field	Attribute name	Description
IP connection id	IPCONN	The IP connection name associated with the task.
IP facility type	IPFACILTYPE	The indicator of the type of IP facility in relation to its task. Values are: • PRINCIPAL This IP facility associates the main IP connection name to the owning task. • ALTERNATE This IP facility associates a secondary IP connection name to the owning task.
Associated task id	TASKID	The ID of the task associated with the IP facility.
IP facility token	TOKEN	The identifier token of the IP facility

URI maps - URIMAP

The **URI map** (URIMAP) views display information about the universal resource identifier (URI) of requests from web clients or requests to a remote server.

Supplied views

To access from the main menu, click:

CICS operations views > TCP/IP service operations views > URI maps

Table 250. Views in the supplied **URI maps** *(URIMAP) view set*

View	Notes
URI maps EYUSTARTURIMAP.DETAIL1	Detailed information about a selected URI map.
URI maps EYUSTARTURIMAP.DETAIL2	Detailed information about a selected URI map.
URI maps EYUSTARTURIMAP.DETAIL3	Detailed information about the resource signature.
URI maps EYUSTARTURIMAP.DETAILED	Detailed information about a selected URI map.
URI maps EYUSTARTURIMAP.DISABLE	Disable program access to the URIMAP definition. A URIMAP definition has to be disabled before it can be reinstalled or discarded.
URI maps EYUSTARTURIMAP.DISCARD	Remove a URIMAP definition from the system.
URI maps EYUSTARTURIMAP.ENABLE	Enable access to the URIMAP definition by programs.
URI maps EYUSTARTURIMAP.SET	Set attributes according new values specified in input fields
URI maps EYUSTARTURIMAP.TABULAR	Tabular information about currently installed URI map definitions.

Actions

Table 251. Actions available for URIMAP views

Action	Description
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.
ENABLE	Enable access to the URIMAP definition by programs.
SET	Set attributes according new values specified in input fields

Fields

Table 252. Fields in URIMAP views

Field	Attribute name	Description
Use an analyzer program to process HTTP request	ANALYZERSTAT	For USAGE(SERVER), whether or not the analyzer associated with the TCPIPSERVICE definition is called to process the request. For all other usage types, the value is forced to NOANALYZER. • ANALYZER - The analyzer program is to be run. • NOANALYZER - The analyzer program is not to be run.
Application Name	APPLICATION	The application name of the application for which this URIMAP resource is defined. If the OPERATION field is set, this resource is defined as an entry point.
Major Version	APPLMAJORVER	The major version number of the application for which this URIMAP resource is defined. If the OPERATION field is set, this resource is defined as an entry point.
Micro Version	APPLMICROVER	The micro version number of the application for which this URIMAP resource is defined. If the OPERATION field is set, this resource is defined as an entry point.
Minor Version	APPLMINORVER	The minor version number of the application for which this URIMAP resource is defined. If the OPERATION field is set, this resource is defined as an entry point.
Atomservice that will process the request.	ATOMSERVICE	This attribute is for USAGE(ATOM). When a client makes a request to CICS for an Atom feed using the URI specified by this URIMAP definition, ATOMSERVICE specifies the 1 - 8 character name of the ATOMSERVICE resource definition for the Atom feed. The ATOMSERVICE resource definition defines an Atom service, feed, collection, or category document, and identifies the Atom configuration file, CICS resource or application program, and Atom binding file that are used to supply the data for the feed.
Authentication level	AUTHENTICATE	The level of authentication used by this TCP/IP resource.
Availability status	AVAILSTATUS	The availability of this URIMAP resource when an application entry point is in control of the availability. • AVAILABLE - The application entry point controlling the availability of this URIMAP resource is available. • UNAVAILABLE - The application entry point controlling the availability of this URIMAP resource is enabled but has not yet been made available. • NONE - There are several reasons for NONE availability. – This URIMAP resource is not part of a CICS Application. – No application entry point is controlling the availability of this URIMAP resource. – The application entry point controlling the availability of this URIMAP resource is disabled. – The application entry point controlling the availability of this URIMAP resource is not resident in the same CICS bundle.
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
SSL client certificate for outbound HTTPS request	CERTIFICATE	For USAGE(CLIENT), the label of a certificate within the key ring that is to be used as a client certificate in the SSL handshake for outbound IIOP connections.

Table 252. Fields in URIMAP views (continued)

Field	Attribute name	Description
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • SYSTEM - The resource was last changed by the CICS or CICSPlex SM system. • DYNAMIC - The resource was last changed dynamically. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Character set of CICS response to the HTTP request	CHARACTERSET	For USAGE(SERVER), the name of the character set for the static response, which can be up to 40 characters.
SSL cipher suite codes	CIPHERS	A value specifying up to 28 cipher suites, in the form of hexadecimal pairs. From CICS Transaction Server 5.1 this field can alternatively specify the name of an XML file residing on zFS which contains a list of ciphers. An XML file can be up to 28 characters.
Converter program to process request content	CONVERTER	For USAGE(SERVER), the name of a converter program that is used to transform the HTTP request into a form suitable for the application program specified in PROGRAM.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
Status	ENABLESTATUS	The status of the URIMAP definition. The possible values are: • Enabled - The URIMAP definition can be accessed. • Disabled - The URIMAP definition cannot be accessed. A URIMAP definition with this status can be deleted. • Disabledhost - The URIMAP definition cannot be accessed because the virtual host of which it forms a part has been disabled. Use the HOST views to re-enable all the URIMAP definitions in the virtual host. A URIMAP definition with this status cannot be deleted.
Qualified zFS file to form the static response	HFSFILE	For USAGE(SERVER), the fully qualified or relative name of a file in the z/OS UNIX System Services zSeries File System (zFS), whose contents are returned as the HTTP response.
Host component of the URI	HOST	The host name or IP address of the remote system. The HOSTTYPE option gives the format of this value as either a name, an IPv4 address or an IPv6 address. The port number is also displayed if this is a name or an IPv4 address.
Code page in which the static response is encoded	HOSTCODEPAGE	For USAGE(SERVER), the IBM code page (EBCDIC) in which the text document that will form the static response is encoded; this can be up to 10 characters.

Table 252. Fields in URIMAP views (continued)

Field	Attribute name	Description
The format of the host name or address	HOSTTYPE	The address format of the host component of the URI (HOST). These are the possible values: • HOSTNAME - HOST contains a character host name. The IP address that corresponds to the host name is looked up using DNS. • IPV4 - HOST contains an IPv4 address specified in dotted decimal address format. • IPV6 - HOST contains an IPv6 address specified in colon hexadecimal address format. • NOTAPPLIC - The HOST name or address is incorrect (HOST=0.0.0.0 or HOST=*).
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • DYNAMIC - The resource was installed dynamically. • GRPLIST - The resource was installed by GRPLIST INSTALL. • BUNDLE - The resource was installed by a BUNDLE.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
The format of the resolved IP address	IPFAMILY	The format of the IP address in the IPRESOLVED option. These are the possible values: • IPV4 - IPRESOLVED contains an IPv4 address specified in dotted decimal address format. • IPV6 - IPRESOLVED contains an IPv6 address specified in colon hexadecimal address format. • UNKNOWN - IPRESOLVED is not yet in use, or the address cannot be resolved. This is the default when IPRESOLVED is 0.0.0.0
The resolved IP address of this URIMAP	IPRESOLVED	The resolved IPv4 or IPv6 address of the HOST to which this URIMAP applies, or 0.0.0.0 if it is unavailable or unknown. The format of this IP address is given by the IPFAMILY option.
URI to which to redirect the inbound HTTP request	LOCATION	For USAGE(SERVER), or USAGE(PIPELINE), an alternate URL to which the Web client will be redirected, if redirection is specified. REDIRECTYPE is used to define the type of redirection.
URI map reference count	MAPREFCOUNT	Number of times this URIMAP definition was referenced.
URI map host or path disabled	MATCHDISABLD	Number of times this host and path were matched, but the URIMAP definition was disabled.
URI map host or path redirect	MATCHREDIREC	Number of times this host and path were matched, and the request was redirected.
Media type of CICS response to the HTTP request	MEDIATYPE	Specifies the media type (data content) of the static response that CICS provides to the HTTP request. This is for USAGE(SERVER), where a static response is to be provided and up to 56 characters can be used. The name for each formally recognized type of data content is defined by IANA.
Name	NAME	The name of the URIMAP definition.
Number of SSL cipher suite codes	NUMCIPHERS	The count of cipher suite codes, which are specified as hexadecimal pairs
Operation Name	OPERATION	The name of the application operation for which this URIMAP resource is defined as an entry point. If this field is not set, this resource is not defined as an entry point but may still be part of an application.

Table 252. Fields in URIMAP views (continued)

Field	Attribute name	Description
Path component of URI to which the map applies	PATH	For USAGE(CLIENT), the path of the target URL to which the HTTP request is to be sent. For any other USAGE, the path on the incoming HTTP request that is used to select this URIMAP definition. The PATH may terminate in an asterisk, meaning that it is generic, and matches any path whose characters are the same up to but excluding the asterisk.
Pipeline that will process the request	PIPELINE	For USAGE(PIPELINE) or USAGE(JVMSERVER), the name of the PIPELINE resource definition for the Web service that handles the incoming request.
Platform Name	PLATFORM	The platform name of the application for which this URIMAP resource is defined. If the OPERATION field is set, this resource is defined as an entry point.
Port number for USAGE(CLIENT)	PORT	For USAGE(CLIENT), the PORT option displays the port number used for the client connection. The port number is also displayed in the HOST option if HOST contains a native IPv4 address or a host name. For USAGE(CLIENT), the PORT attribute always contains the port number that is being used for the communication, even if PORT(NO) is specified on the URIMAP at define time. For USAGE(JVMSERVER), the PORT option displays the port number used to receive requests to access an application that is running in a Liberty profile server. For USAGE(ATOM), USAGE(SERVER), or USAGE(PIPELINE), the PORT option is set to -1.
Application program that will process the request	PROGRAM	For USAGE(SERVER), the name of the application program that processes the incoming HTTP request.
Type of redirection	REDIRECTTYPE	Whether or not matching requests should be redirected, on a temporary or permanent basis. • NONE - Requests are not redirected. Any URL specified by the LOCATION field is ignored. • TEMPORARY - Requests are redirected on a temporary basis. The HTTP status code used for the response is 302 (Found). • PERMANENT - Requests are redirected permanently. The HTTP status code used for the response is 301 (Moved Permanently).
Scheme component of URI to which the map applies	SCHEME	The scheme for the HTTP request, HTTP with SSL (HTTPS) or without (HTTP).
Time out for pooled sockets (secs)	SOCKETCLOSE	The timeout value after which sockets will be closed. A value in seconds between 0 and 240000 (HHMMSS). Where 0 indicates that no connection pooling occurs.
Peak number of pooled sockets	SOCKPLSZPEAK	The peak size of the outbound connection socket pool.
Number of pooled sockets	SOCKPOOLSIZE	The current number of sockets in the connection pool.
Number of reclaimed sockets	SOCKRECLAIMD	The number of sockets reclaimed from the pool.
Number of timed out sockets	SOCKTIMEDOUT	The number of sockets that have been timed out in the pool.
Inbound TCP/IP service relating to this URI map	TCPIPSERVICE	For USAGE(SERVER) or USAGE(PIPELINE), the TCPIPSERVICE to which this URIMAP definition applies. Only requests received on this TCPIPSERVICE are matched to this URIMAP definition. If no TCPIPSERVICE is specified, the URIMAP definition applies to all incoming HTTP requests.
Document template to form the static response	TEMPLATENAME	For USAGE(SERVER), the name of a CICS document template whose contents are returned as the HTTP response.
Alias transaction to run application for response	TRANSACTION	For USAGE(SERVER), USAGE(JVMSERVER), or USAGE(PIPELINE), the name of the alias transaction that processes the incoming HTTP request.

Table 252. Fields in URIMAP views (continued)

Field	Attribute name	Description
URI map usage	USAGE	The intended use of this URIMAP: • SERVER - The URIMAP definition is used to locate the resources for CICS to produce an HTTP response to the request identified by HOST and PATH. • CLIENT - The URIMAP definition is used to specify information for making an HTTP request from CICS as an HTTP client. • PIPELINE - The URIMAP definition is used to locate the resources for CICS to produce an XML response to the request identified by HOST and PATH. • ATOM - The URIMAP definition is used to imply the use of Internatinalized Resource Identifiers (IRIs) rather then URIs, IRIs are just URIs that contain Unicode characters. • JVMSERVER - The URIMAP definition is used to to locate the resources for CICS to produce an XML response to the request identified by HOST and PATH for a Liberty Server.
User ID to attach the alias transaction	USERID	For USAGE(SERVER), USAGE(JVMSERVER), or USAGE(PIPLEINE), the 8 character user ID under which the alias transaction will be attached.
Web service that will process the request	WEBSERVICE	For USAGE(PIPELINE) or USAGE(JVMSERVER), the name of the WEBSERVICE resource definition for the Web service that handles the incoming request.

Global URI map statistics - URIMPGBL

The **Global URI map statistics** (URIMPGBL) views display the global statistics returned by CICS extract statistics for URIMAP resources.

Supplied views

To access from the main menu, click:

CICS operations views > TCP/IP service operations views > Global URI map statistics

Table 253. Views in the supplied **Global URI map statistics** *(URIMPGBL) view set*

View	Notes
Global URI map statistics EYUSTARTURIMPGBL.DETAILED	Detailed information about URI map global statistics for a selected CICS system
Global URI map statistics EYUSTARTURIMPGBL.TABULAR	Tabular information about URI map global statistics for all CICS systems

Actions

None.

Fields

Table 254. Fields in URIMPGBL views

Field	Attribute name	Description
Direct attach count	DRCTATTCOUNT	Number of requests that are processed by directly attached user task.
URI map dynamic content	DYNAMCONTENT	Number of times a URIMAP definition with a matching host and path was found, and dynamic content (produced by an application program) was delivered as a response.

Table 254. Fields in URIMPGBL views (continued)

Field	Attribute name	Description
Entry point reference count	EPREFCOUNT	Number of times a search for a matching URIMAP definition that is defined as an application entry point was made.
Host disabled count	HOSTDISABLED	Number of times a URIMAP definition with a matching host and path was found, but the virtual host was disabled.
URI map reference count	MAPREFCOUNT	Number of times a search for a matching URIMAP definition was made.
URI map host or path match analyzer	MATCHANALYZE	Number of times a URIMAP definition with a matching host and path was found, and the analyzer program associated with the TCPIPSERVICE definition was called.
URI map host or path match count	MATCHCOUNT	Number of times a search for a matching URIMAP definition was made, and a URIMAP definition with a matching host and path was found.
URI map host or path disabled	MATCHDISABLD	Number of times a URIMAP definition with a matching host and path was found, but the URIMAP definition was disabled.
URI map host or path redirect	MATCHREDIREC	Number of times a URIMAP definition with a matching host and path was found, and the request was redirected.
URI map host or path no match count	NOMATCHCOUNT	Number of times a search for a matching URIMAP definition was made, but no URIMAP definition with a matching host and path was found.
URI map pipeline requests	PIPELINEREQS	Number of times a URIMAP definition with a matching host and path was found, and the request was handled by a Web service.
URI map SCHEME(HTTP) requests	SCHEMEHTTP	Number of times a URIMAP definition with a matching host and path was found, and the scheme was HTTP.
URI map SCHEME(HTTPS) requests	SCHEMEHTTPS	Number of times a URIMAP definition with a matching host and path was found, and the scheme was HTTPS (HTTP with SSL).
URI map static content	STATICONTENT	Number of times a URIMAP definition with a matching host and path was found, and static content (document template or zFS file) was delivered as a response.

URI hosts - HOST

The **URI host** (HOST) views display information about virtual hosts in the local system.

Supplied views

To access from the main menu, click:

CICS operations views > TCP/IP service operations views > URI hosts

Table 255. Views in the supplied **URI host** *(HOST) view set*

View	Notes
URI host EYUSTARTHOST.DETAILED	Detailed information about a selected virtual host
URI host EYUSTARTHOST.DISABLE	Disable a host
URI host EYUSTARTHOST.ENABLE	Enable a host.
URI host EYUSTARTHOST.SET	Set attributes according new values specified in input fields

Table 255. Views in the supplied **URI host** *(HOST) view set (continued)*

View	Notes
URI host EYUSTARTHOST.TABULAR	Tabular information about virtual hosts in the local system

Actions

Table 256. Actions available for HOST views

Action	Description
DISABLE	Disable a host
ENABLE	Enable a host.
SET	Set attributes according new values specified in input fields

Fields

Table 257. Fields in HOST views

Field	Attribute name	Description
Status	ENABLESTATUS	The status of this virtual host. The values are: • ENABLED - The virtual host is enabled. • DISABLED - The virtual host is disabled. The URIMAP definitions that make up the virtual host cannot be accessed by applications.
Name	NAME	The name of a virtual host. The name of each virtual host is taken from the host name specified in the URIMAP definitions that make up the virtual host. For example, if your CICS region contained URIMAP definitions that specified a host name of www.example.com, CICS would create a virtual host with the name www.example.com. A host name in a URIMAP definition can be up to 120 characters.
Inbound port TCP/IP service relating to this host	TCPIPSERVICE	The name of the TCPIPSERVICE definition that specifies the inbound port to which this virtual host relates. If this definition is not given, the virtual host relates to all TCPIPSERVICE definitions.

Web services - WEBSERV

The **WEBSERVICE** (WEBSERV) views display information about the runtime environment for a CICS application programs deployed in a Web services setting, where the mapping between application data structure and SOAP messages has been generated using CICS-supplied tools.

Supplied views

To access from the main menu, click:

CICS operations views > TCP/IP service operations views > Web services

Table 258. Views in the supplied **Web service** *(WEBSERV) view set*

View	Notes
Web service EYUSTARTWEBSERV.DETAIL1	Detailed information about the resource signature.
Web service EYUSTARTWEBSERV.DETAILED	Detailed information about a selected web service.

Table 258. Views in the supplied **Web service** *(WEBSERV) view set (continued)*

View	Notes
Web service EYUSTARTWEBSERV.DISCARD	Discard a web service
Web service EYUSTARTWEBSERV.SET	Set attributes according new values specified in input fields
Web service EYUSTARTWEBSERV.TABULAR	Tabular information about web services.

Actions

Table 259. Actions available for WEBSERV views

Action	Description
DISCARD	Discard a web service
SET	Set attributes according new values specified in input fields

Fields

Table 260. Fields in WEBSERV views

Field	Attribute name	Description
Fully-qualified archive file on zFS	ARCHIVEFILE	The archive file contains the wsdl document for this Web Service.
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
The WSDL binding that this web service represents	BINDING	The WSDL binding represented by the Web service. This binding is one of (potentially) many that appear in the WSDL file.
Coded character set ID	CCSID	The name of the CCSID that is used to encode data between the application and the web service binding file at run time.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • DYNAMIC - The resource was last changed dynamically. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Container used if the program input is CHANNEL	CONTAINER	The name of the container that holds the top level data when CICS passes data to the target application program in a channel.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.

Table 260. Fields in WEBSERV views (continued)

Field	Attribute name	Description
The endpoint URI of a remote web service	ENDPOINT	The URI specifying the location on the network (or endpoint) of the web service, as defined in the web service description.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • DYNAMIC - The resource was installed dynamically. • GRPLIST - The resource was installed by GRPLIST INSTALL. • BUNDLE - The resource was installed by a BUNDLE.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Time the WSBind file on zFS was last updated	LASTMODTIME	The time, in milliseconds since 00:00 on January 1st 1900, that the deployed Web service binding file on zFS was last updated.
Mapping level used in WSBind file	MAPPINGLEVEL	The mapping level that was used when the WSBind file file was produced.
Mapping release number part of MAPLEVEL	MAPPINGRNUM	The release number for the mapping level that was used when the WSBind file was produced. The value of the release number is 0, 1, or 2.
Mapping version number part of MAPLEVEL	MAPPINGVNUM	The version number for the mapping level that was used when the WSBind file was produced. The value of the version number is 1, 2, 3 or 4.
Minimum runtime level required by WSBind file	MINRUNLEVEL	The minimum runtime level that is required to install the WEBSERVICE in CICS.
Minimum runtime release number part of MINRUNLVL	MINRUNRNUM	The release number for the minimum runtime level that is required to install the WEBSERVICE in CICS.
Minimum runtime version number part of MINRUNLVL	MINRUNVNUM	The version number for the minimum runtime level that is required to install the WEBSERVICE in CICS.
Name	NAME	The name of the web service.
Where the specified program expects input	PGMINTERFACE	For a service provider, indicates whether CICS passes data to the target application program in a COMMAREA or a channel.
Pipeline in which this web service is installed	PIPELINE	The name of the PIPELINE resource that contains this web service resource.
Name of the web service policy directory on zFS	POLICYDIR	This field is not available for use yet but is reserved for future development.
Application program to implement this web service	PROGRAM	The name of the target application program.

Table 260. Fields in WEBSERV views (continued)

Field	Attribute name	Description
Web service status	STATE	The state of the web service. Values are: • Discarding – A Discard command has been issued for the web service. The web service is quiescing before being discarded. It is not accepting new work, but is allowing currently-executing work to complete. • Initing – The web service binding file, and the WSDL file, are being copied to the shelf. • Inservice – Resolution of the copy of the WSBind file on the shelf has succeeded, and the web service is usable. • Unusable – There is a problem with the web service binding file (WSBIND) for the resource. • Updating – An update request for a WEBSERVICE is pending. • Disabled – This state is only available for WEBSERVICE resources that are defined in a CICS bundle. The web service has completed quiescing and is not accepting new work. • Disabling – This state is only available for WEBSERVICE resources that are defined in a CICS bundle. The web service is quiescing. It is not accepting new work, but is allowing currently-executing work to complete.
Dynamically installed URI map for this web service	URIMAP	The name of a dynamically installed URIMAP resource definition, if there is one that is associated with this web service.
Perform validation of SOAP messages against WSDL	VALIDATIONST	Indicates whether full validation of SOAP messages against the corresponding schema in the web service description is specified. • VALIDATION - Full validation is enabled. • NOVALIDATION - Full validation is disabled.
Number of times web service used	WEBUSECOUNT	The number of times this web service was used to process a web service request.
Fully-qualified WSBind file on zFS	WSBIND	The file name of the web service binding file associated with the web service resource.
Fully-qualified WSDL file on zFS	WSDLFILE	The file name of the web service description (WSDL) file associated with the web service resource.
Current web service direct mode XOP status	XOPDIRECTST	Indicates whether the web service is currently able to handle XOP documents in direct mode. The values are: • NOXOPDIRECT - The web service cannot currently handle XOP documents and binary attachments directly. This is true when the web service implementation does not support the direct handling of XOP documents and binary attachments, or web service validation is switched on. • XOPDIRECT - The web service can currently handle XOP documents and binary attachments directly. This is true when the web service implementation supports the direct handling of XOP documents and web service validation is not switched.
Web service XOP capability	XOPSUPPORTST	Indicates whether the web service implementation is capable of handling XOP documents and binary attachments in direct mode. The values are: • NOXOPSUPPORT - The web service implementation does not support the direct handling of XOP documents and binary attachments. • XOPSUPPORT - The web service implementation supports the direct handling of XOP documents and binary attachments. This is true for any web services that are generated and deployed using the web services assistant.

Pipelines - PIPELINE

The **Pipeline** (PIPELINE) views display information about 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.

Supplied views

To access from the main menu, click:

CICS operations views > **TCP/IP service operations views** > **Pipelines**

Table 261. Views in the supplied **Pipeline** *(PIPELINE) view set*

View	Notes
Pipeline EYUSTARTPIPELINE.DETAIL1	Detailed information about the resource signature.
Pipeline EYUSTARTPIPELINE.DETAILED	Detailed information about a selected pipeline.
Pipeline EYUSTARTPIPELINE.DISABLE	Rejects inbound service requests.
Pipeline EYUSTARTPIPELINE.DISCARD	Removes this PIPELINE definition. The PIPELINE must be disabled before it can be discarded.
Pipeline EYUSTARTPIPELINE.ENABLE	Processes inbound service requests normally.
Pipeline EYUSTARTPIPELINE.SCAN	Scans the PIPELINE's web service binding directory.
Pipeline EYUSTARTPIPELINE.SET	Set attributes according to values specified in input fields
Pipeline EYUSTARTPIPELINE.TABULAR	Tabular information about pipeline.

Actions

Table 262. Actions available for PIPELINE views

Action	Description
DISABLE	Rejects inbound service requests.
DISCARD	Removes this PIPELINE definition. The PIPELINE must be disabled before it can be discarded.
ENABLE	Processes inbound service requests normally.
SCAN	Scans the PIPELINE's web service binding directory.
SET	Set attributes according to values specified in input fields

Fields

Table 263. Fields in PIPELINE views

Field	Attribute name	Description
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.

Table 263. Fields in PIPELINE views (continued)

Field	Attribute name	Description
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
MIME content id domain name	CIDDOMAIN	Displays the name of the domain that is used to generate MIME content-ID values that identify binary attachments.
Configuration file name on zFS for this pipeline	CONFIGFILE	Specifies the name of an zFS file that contains information about the processing nodes that will act on a service request, and on the response.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
Status	ENABLESTATUS	Specifies the initial status of the PIPELINE when it is installed: • ENABLED: Web service requests for this PIPELINE are processed normally. • DISABLED: Web service requests for this PIPELINE cannot be processed. • ENABLING - The PIPELINE is being initialized; it is not yet ready to accept work. • DISABLING - The PIPELINE is quiescing before entering DISABLED state. It is not accepting new work, but is allowing currently-executing work to complete. • DISCARDING - A DISCARD command has been issued for the PIPELINE. The PIPELINE is quiescing before being discarded. It is not accepting new work, but is allowing currently-executing work to complete.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • GRPLIST - The resource was installed by GRPLIST INSTALL. • BUNDLE - The resource was installed by a bundle deployment.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Format of messages processed by the pipeline	MSGFORMAT	Returns a 8-character string that indicates the format of messages processed by the pipeline. Possible values are: JSON, OTHER, SOAP11, SOAP12.

Table 263. Fields in PIPELINE views (continued)

Field	Attribute name	Description
Use MTOM even when no XOP attachments are present	MTOMNOXOPST	Returns a value that indicates whether MTOM should be used for outbound SOAP messages when there are no binary attachments present. The values are: YES : Use MTOM, even when there are no binary attachments present. NO : Do not use MTOM unless there are binary attachments present.
SOAP MTOM status	MTOMST	Returns a value that indicates whether support for MTOM has been enabled in the pipeline. The values are: SUPPORTED : MTOM support has been enabled in the pipeline. NOTSUPPORT : MTOM support has not been enabled in the pipeline.
Name	NAME	Specifies the name of this PIPELINE. The name can be up to eight characters in length.
Pipeline operation mode	PIPEMODE	The mode that that pipeline is operating in.
Number of times pipeline has been used	PIPEUSECOUNT	Specifies the number of times pipeline has been used
Name of the pipeline policy directory on zFS	POLICYDIR	This field is not available yet for use but reserved for future development.
Response wait time for Requester Pipelines	RESPWAIT	Specifies a time control, in seconds, on the wait time for an application program to wait for an optional reponse message from a remote web service. The value can range from 0 to 9999 seconds, or will have the standard null value of -1 if RESPWAIT(DEFT) is specified on the PIPELINE definition. If RESPWAIT(DEFT) was specified for this attribute, the default timeout value of the transport protocol is used: • The default timeout value for HTTP is 10 seconds. • The default timeout value for MQ is 60 seconds. Note that the value of this attribute **may not** be reset to -1 (DEFT) - only 0 to 9999 may be applied. If you need to reset the RESPWAIT value to -1, you will have to delete the current PIPELINE object, and INSTALL another instance of it, where the RESPWAIT value specifies DEFT.
Outbound SOAP message MTOM status	SENDMTOMST	Returns a value that indicates when MTOM should be used for outbound SOAP messages. The values are: YES : Always use MTOM for outbound SOAP messages. NO : Do not use MTOM for outbound SOAP messages. SAME : Use MTOM for outbound SOAP message responses when the inbound message is received in MTOM format.
Name of a directory (shelf) for WSBind files	SHELF	Specifies the 1 to 255 character fully-qualified name of a directory (a shelf, primarily for Web service binding files) on zFS.
SOAP level supported by the pipeline	SOAPLEVEL	Specifies the version of SOAP that is supported in the pipeline. Values can be blank, 1.1 or 1.2.
SOAP release number part of SOAPLEVEL	SOAPRNUM	Returns a fullword binary value of the release number for the SOAP level that is used in the PIPELINE.
SOAP version number part of SOAPLEVEL	SOAPVNUM	Returns a fullword binary value of the version number for the SOAP level that is used in the PIPELINE.
Name of the WSBind (pickup) directory on zFS	WSDIR	Specifies the 1 to 255 character fully-qualified name of the Web service binding directory (also known as the pickup directory) on zFS.
Pipeline direct mode XOP status	XOPDIRECTST	Returns a value that indicates whether the pipeline can currently handle XOP documents in direct mode.
Pipeline application handler XOP capability	XOPSUPPORTST	Returns a value that indicates whether the application handler for the pipeline supports the processing of XOP documents and binary attachments.

Atomservices - ATOMSERV

The **ATOMSERVICE** (ATOMSERV) views display information about Atom service documents. An Atom service document is an XML document that describes the workspaces, collections and categories that exist on a server.

Supplied views

To access from the main menu, click:

CICS operations views > **TCP/IP service operations views** > **Atomservices**

Table 264. Views in the supplied **Atomservice** *(ATOMSERV) view set*

View	Notes
Atomservice EYUSTARTATOMSERV.DETAIL1	Resource signature information about a selected Atom Service.
Atomservice EYUSTARTATOMSERV.DETAILED	Detailed information about a selected Atom Service.
Atomservice EYUSTARTATOMSERV.TABULAR	Tabular information about Atom Services.

Actions

None.

Fields

Table 265. Fields in ATOMSERV views

Field	Attribute name	Description
Number of DELETE requests to the entry URL	ATMSRVDELENT	The number of HTTP DELETE requests sent to the entry URL.
Number of GET requests to the entry URL	ATMSRVGETENT	The number of HTTP GET requests sent to the entry URL.
Number of GET requests to the feed URL	ATMSRVGETFED	The number of HTTP GET requests sent to the feed URL.
Number of POST requests to the feed URL	ATMSRVPSTFED	The number of HTTP POST requests sent to the feed URL.
Number of PUT requests to the entry URL	ATMSRVPUTENT	The number of HTTP PUT requests sent to the entry URL.
Atom Service reference count	ATMSRVREFCT	Atom Service reference count
Atom Service reference disabled count	ATMSRVREFDIS	Atom Service reference disabled count

Table 265. Fields in ATOMSERV views (continued)

Field	Attribute name	Description
Atomtype	ATOMTYPE	Displays the type of Atom document that is produced by this ATOMSERVICE definition. The possible values are as follows: • Category – An Atom category document, which lists the categories of documents in a collection. • Collection – An Atom collection document, which contains a group of entry documents that can be edited. • Feed – An Atom feed document, which describes the metadata for a feed, and contains entry documents that provide data for the feed. • Service – An Atom service document, which provides information about the collections of entry documents that are available on the server and can be added to or edited.
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Bind file name	BINDFILE	The name of a UNIX file that contains WSBIND data describing the record layouts within the CICS resource.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Configuration file name	CONFIGFILE	The name of a UNIX file that contains XML configuration data specifying the type of Atom document being returned.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
Enabled status	ENABLESTATUS	Indicates whether the ATOMSERV is enabled or not. Values are: • DISABLED – The ATOMSERV is not enabled. • ENABLED – The ATOMSERV is enabled.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • GRPLIST - The resource was installed by GRPLIST INSTALL. • BUNDLE - The resource was installed by a bundle deployment.
Installation time	INSTALLTIME	The local date and time when the definition was installed.

Table 265. Fields in ATOMSERV views (continued)

Field	Attribute name	Description
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Name	NAME	Specifies the name of this ATOMSERV. The name can be up to eight characters in length.
Resource name	RESOURCENAME	Displays the name of the CICS resource that provides the data for this Atom feed or collection. This field does not apply to an Atom service or category document.
Resource type	RESOURCETYPE	Displays the type of CICS resource that provides the data for this Atom feed or collection. This field does not apply to an Atom service or category document. The possible values are as follows: • File – A CICS file. • Program – A service routine, which is a CICS application program written to supply content for Atom entries. • Tsqueue – A temporary storage queue. • NOTAPPLIC – This is not applicable for this resource.
URIMAP name	URIMAPNAME	Displays the 8-character URIMAP name that indicates the URI associated with this ATOMSERVICE definition.
XMLTRANSFORM name	XMLTRANSNAME	Displays the 32-character name of the XMLTRANSFORM resource associated with the ATOMSERVICE definition.

Temporary storage queue (TSQ) operations views

The temporary storage queue (TSQ) operations views show information about temporary storage usage and temporary storage queues within the current context and scope.

Models - TSMODEL

The **Temporary storage models** (TSMODEL) views display information about installed temporary storage models.

Supplied views

To access from the main menu, click:

CICS operations views > **Temporary storage queue (TSQ) operations views** > **Models**

Table 266. Views in the supplied **Temporary storage models** *(TSMODEL) view set*

View	Notes
Temporary storage models EYUSTARTTSMODEL.DETAIL1	Detailed information about the resource signature.
Temporary storage models EYUSTARTTSMODEL.DETAILED	Detailed information about a selected temporary storage model.
Temporary storage models EYUSTARTTSMODEL.DISCARD	Take the specified temporary storage model out of use on its resident CICS systems.
Temporary storage models EYUSTARTTSMODEL.TABULAR	Tabular information about temporary storage models.

Actions

Table 267. Actions available for TSMODEL views

Action	Description
DISCARD	Take the specified temporary storage model out of use on its resident CICS systems.

Fields

Table 268. Fields in TSMODEL views

Field	Attribute name	Description
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
TS Queue expiry interval (hours)	EXPIRYINT	The last used interval limit time, in hours, which is used to determine whether a temporary storage queue based on this TSMODEL has expired and is eligible to be automatically deleted. The value is derived from the EXPIRYINT value in the TSMODEL, or for CICS TS 5.2 and higher either the EXPIRYINT value or the EXPIRYINTMIN value rounded up to the next hour. The EXPIRYINTMIN value overrides EXPIRYINT. The value in the TSMODEL at the time a temporary storage queue is created will be used for the lifetime of a queue even if the TSMODEL is subsequently changed. The value of EXPIRYINT can be in the range of 0-to-15000. • 0 - Indicates that no expiry interval applies to this TSMODEL and therefore a temporary storage queue based on this will never expire. This is the default value. • value - Specifies the last used interval in hours after which the queue becomes eligible for automatic deletion.

Table 268. Fields in TSMODEL views (continued)

Field	Attribute name	Description
TS Queue expiry interval (minutes)	EXPIRYINTMIN	The last used interval limit time, in minutes, which is used to determine whether a temporary storage queue based on this TSMODEL has expired and is eligible to be automatically deleted. CICS rounds up the value to a multiple of ten minutes. The value in the TSMODEL at the time a temporary storage queue is created will be used for the lifetime of a queue even if the TSMODEL is subsequently changed. The value of EXPIRYINTMIN can be in the range of 0-to-900000. • 0 - Indicates that no expiry interval in minutes applies to this TSMODEL. This is the default value. • value - Specifies the last used interval in minutes after which the queue becomes eligible for automatic deletion.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • GRPLIST - The resource was installed by GRPLIST INSTALL.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Queue location	LOCATION	Identifies the location of temporary storage queues matching this model as one of the following: • AUXILIARY - The CICS temporary storage VSAM data set, DFHTEMP. • MAIN - Main storage.
TS model name	NAME	The name of the temporary storage model.
Shared TS pool name	POOLNAME	The name of the shared temporary storage pool to be used by this TS Model.
TS queue prefix	PREFIX	The prefix used for evaluating the temporary storage queues to which this model is to be applied.
Recovery status	RECOVSTATUS	This defines the recovery characteristics for temporary storage queues matching this model and has a value of RECOVERABLE or NOTRECOVABLE.
Remote TS queue prefix	REMOTEPREFIX	The prefix of the queues on the remote system that this model is applied to.
Remote system ID	REMOTESYSTEM	The name of the Remote CICS System on which the queues matching this model is defined.
Security status	SECURITYST	This defines the security characteristics for temporary storage queues matching this model and has a value of EXTSECURITY or NOSECURITY.

Pools - TSPOOL

The **Temporary storage pools** (TSPOOL) views display information about temporary storage pools.

Supplied views

To access from the main menu, click:

CICS operations views > Temporary storage queue (TSQ) operations views > Pools

Table 269. Views in the supplied **Temporary storage pools** *(TSPOOL) view set*

View	Notes
Temporary storage pools EYUSTARTTSPOOL.DETAILED	Detailed information about a selected temporary storage pool.
Temporary storage pools EYUSTARTTSPOOL.TABULAR	Tabular information about temporary storage pools.

Actions

None.

Fields

Table 270. Fields in TSPOOL views

Field	Attribute name	Description
Connection status	CONNSTATUS	Identifies the current connection status of the temporary storage pool.
Temporary storage pool name	NAME	The name of the temporary storage pool.

Global temporary storage statistics - TSQGBL

The **Global temporary storage queues** (TSQGBL) views display information about temporary storage queue usage.

Supplied views

To access from the main menu, click:

CICS operations views > **Temporary storage queue (TSQ) operations views** > **Global temporary storage statistics**

Table 271. Views in the supplied **Global temporary storage statistics** *(TSQGBL) view set*

View	Notes
Global temporary storage statistics EYUSTARTTSQGBL.DETAILED	Detailed information about temporary storage queue usage in a selected CICS system.
Global temporary storage statistics EYUSTARTTSQGBL.TABULAR	Tabular information about temporary storage queue usage in CICS systems.

Actions

Table 272. Actions available for TSQGBL views

Action	Description
SET	Set attributes according to values specified in input fields

Fields

Table 273. Fields in TSQGBL views

Field	Attribute name	Description
Number of times auxiliary storage exhausted	AUXFULL	The number of times when one or more transactions were suspended because no auxiliary temporary storage was available.
Number of temporary storage buffers	BUFFERS	The number of times a control interval had to be read from disk.
Total number of buffer waits	BUFFWAITS	The total number of times a request was queued because no buffers were available.
Number of buffer reads	BUFREADS	The number of times a control interval had to be read from disk.
Number of buffer writes	BUFWRITES	The number of WRITE I/O requests to the temporary storage data set.
Number of bytes available in control interval	BYTESPERCI	The number of bytes available for use in the control interval.
Number of bytes per segment	BYTESPERSEG	The number of bytes per segment of the TS data set.
Number of control intervals available	CINUM	The number of control intervals available to auxiliary storage.
Number of control intervals in use	CISINUSE	The number of control intervals currently containing active data.
Control interval size	CISIZE	The size of the control interval, in bytes.
Number of temporary storage compressions	COMPRESSIONS	The number of times the temporary storage buffers were compressed.
Current storage in use (bytes)	CURRSTG	The amount, in bytes, of virtual storage currently being used for temporary storage records.
Number of current users waiting on buffers	CURRUWBFR	The current number of requests queued because no buffers are available.
Number of current users waiting on strings	CURRUWSTR	The current number of I/O requests that are queued because no strings are available.
Number of entries in longest queue	ENTLGQUE	Number of records in the largest queue.
Queue extension threshold	EXTTHRESHOLD	The number of records that are held in a single temporary storage group identifier.
Number of format writes	FMTWRT	The number of times a new control interval was written at the end of the data set to increase the amount of available space.
Number of records obtained from auxiliary TS	GETQAUX	The number of records that application programs obtained from auxiliary temporary storage.
Number of records obtained from main TS	GETQMAIN	The number of records that application programs obtained from main temporary storage.
Number of I/O errors on data set	IOERRS	The number of I/O errors that occurred on the temporary storage data set.
Longest auxiliary record length	LONGAUXREC	The size, in bytes, of the longest record written to the temporary storage data set.
Number of temporary storage names in use	NAMESINUSE	The number of temporary storage queue names currently in use.
Peak number of control intervals used	PEAKCIUSE	The peak number of control intervals containing active data at any one time.
Peak number of queue names in use	PEAKQUES	The peak number of temporary storage queue names in use at any one time.
Peak storage in use (bytes)	PEAKSTG	The peak amount of virtual storage in use for temporary storage records at any one time.
Peak number of strings in use	PEAKUSDSTR	The peak number of concurrent I/O operations.

Table 273. Fields in TSQGBL views (continued)

Field	Attribute name	Description
Peak number of users waiting on buffers	PEAKUWBUF	The peak number of requests queued at any one time because no buffers were available.
Peak number of users waiting on strings	PEAKUWSTR	The peak number of I/O requests that were queued at any one time.
Number of records written to auxiliary TS	PUTQAUX	The number of records that application programs wrote to auxiliary temporary storage.
Number of records written to main TS	PUTQMAIN	The number of records that application programs wrote to main temporary storage.
Number of times queues created	QUECRECNT	The number of times that CICS created individual temporary storage queues.
Number of times queue extensions created	QUEXTENDS	The number of times it was necessary to create a queue extension.
Number of segments available in control interval	SEGSPERCI	The number of segments available for use in the control interval.
Number of shared pools connected to	SHRDPOOLCONN	The number of the TS pools that are actually connected to by this CICS region.
Number of shared pools defined	SHRDPOOLDEF	The number of unique Shared TS Queue Pools defined either in the TST with DFHTST TYPE=SHARED, or by using TSMODEL.
Number of shared read requests	SHRDREADREQ	The number of TSQ reads that have been issued against shared temporary storage queues.
Number of shared write requests	SHRDWRITEREQ	The number of TSQ writes that have been issued against shared temporary storage queues.
Number of temporary storage strings	STRINGS	The number of temporary storage strings specified in the system initialization table (SIT) or SIT overrides.
Number of times string wait occurred	STRINGWAIT	The total number of I/O requests that were queued because no strings were available.
Count of times TSMAINLIMIT reached	TSMAINHIT	The number of times that temporary storage utilization has reached the value of TSMAINLIMIT.
Current used above the bar storage for TSMAIN	TSMAININUSE	The current utilization of above the bar storage used for Temporary Storage, in bytes.
Maximum above the bar storage for TSMAIN	TSMAINLIMIT	The maximum amount of above the bar storage which will be used for Temporary Storage, in bytes.
Maximum TS MAIN storage used	TSMAINMAX	The maximum amount of MAIN storage used by Temporary Storage.
Percentage utilization of TSMAIN above the bar	TSMAINPCT	The calculated percentage of above the bar storage used by Temporary Storage.
Number of buffer writes forced by recovery	WRTFRECVR	The number of WRITE I/O requests caused by recovery being specified for queues.
Number of records with length greater than CISIZE	WRTGTCISZ	The number of records written with a length greater than the control interval size.

Temporary storage queues - TSQNAME

The **Temporary storage queues** (TSQNAME) views display information about all non-shared temporary storage queues.

Supplied views

To access from the main menu, click:

CICS operations views > **Temporary storage queue (TSQ) operations views** > **Temporary storage queues**

Table 274. Views in the supplied **Temporary storage queues** *(TSQNAME) view set*

View	Notes
Temporary storage queues EYUSTARTTSQNAME.DELETE	Delete a temporary storage queue.
Temporary storage queues EYUSTARTTSQNAME.DETAILED	Detailed information about a selected non-shared temporary storage queue.
Temporary storage queues EYUSTARTTSQNAME.TABULAR	Tabular information about non-shared temporary storage queues in CICS systems.

Actions

Table 275. Actions available for TSQNAME views

Action	Description
DELETE	Delete a temporary storage queue.
SET	Set attributes according to new values specified in input fields.

Fields

Table 276. Fields in TSQNAME views

Field	Attribute name	Description
TS Queue expiry interval (hours)	EXPIRYINT	The last used interval limit time, in hours, which is used to determine whether a temporary storage queue has expired and is eligible to be automatically deleted. The value is derived from the EXPIRYINT value in the TSMODEL, or for CICS TS 5.2 and higher either the EXPIRYINT value or the EXPIRYINTMIN value rounded up to the next hour. The EXPIRYINTMIN value overrides EXPIRYINT. The value in the TSMODEL at the time a temporary storage queue is created will be used for the lifetime of a queue even if the TSMODEL is subsequently changed. The value of EXPIRYINT can be in the range of 0-to-15000. • 0 - Indicates that no expiry interval applies to this TSMODEL and therefore a temporary storage queue based on this will never expire. This is the default value. • value - Specifies the last used interval in hours after which the queue becomes eligible for automatic deletion.
TS Queue expiry interval (minutes)	EXPIRYINTMIN	The last used interval limit time, in minutes, which is used to determine whether a temporary storage queue has expired and is eligible to be automatically deleted. CICS rounds up the value to a multiple of ten minutes. The value in the TSMODEL at the time a temporary storage queue is created will be used for the lifetime of a queue even if the TSMODEL is subsequently changed. The value of EXPIRYINTMIN can be in the range of 0-to-900000. • 0 - Indicates that no expiry interval applies to this TS queue. This is the default value. • value - Specifies the last used interval in minutes after which the queue becomes eligible for automatic deletion.
Queue name in hexadecimal	HEXNAME	The name of the temporary storage queue in hexadecimal.
Interval since queue last used (seconds)	LASTUSEDINT	The interval in seconds since the temporary storage queue was last referenced. The value returned for large shared temporary storage queues is governed by the value of the LASTUSEDINTERVAL parameter specified for the associated TS queue manager.

Table 276. Fields in TSQNAME views (continued)

Field	Attribute name	Description
Queue location	LOCATION	Indicates where the temporary storage queue resides. Values are: • AUXILIARY The temporary storage queue is held in the CICS temporary storage VSAM data set (or in the coupling facility). • MAIN The temporary storage queue is held in main storage.
Largest item length (bytes)	MAXITEMLEN	The length in bytes of the largest item in the temporary storage queue. The length of a queue item is the sum of the length of the user data plus 8 bytes for header information, rounded up. For main storage queues, the length is rounded up to the boundary of the MVS storage subpool used to store it. For auxiliary temporary storage, the length is rounded to the next highest multiple of either 64 or 128 (depending on the control interval size of the temporary storage data set). (For background information about CI sizes, see The control interval size.) For shared queues, the lengths returned in MINITEMLEN, MAXITEMLEN, and QUELENGTH, reflect the data length stored in the coupling facility. This includes any item control information, which consists of a 2-byte length prefix for each item. For all types of queue the maximum value returned will be capped at 32767 (Hex '7FFF').
Smallest item length (bytes)	MINITEMLEN	The length in bytes of the smallest item in the temporary storage queue. For information about how CICS calculates the length of items, and for information about shared TS queues, see the MAXITEMLEN option.
Queue name	NAME	The name of the temporary storage queue.
Number of items in queue	NUMITEMS	The number of items in the temporary storage queue.
Total queue length (bytes)	QUELENGTH	The total length, in bytes, of all the items in the temporary storage queue. Note: If an AUXILIARY TSQNAME contains an item that is larger than the control interval size of the temporary storage data set, this field will be displayed as N/A.
Recovery status	RECOVSTATUS	Indicates whether or not the temporary storage queue is recoverable. Options are RECOVERABLE or NOTRECOVERABLE.
Transaction that created TS queue	TRANSID	The ID of the transaction that created the temporary storage queue.

Shared queues - TSQSHR

The **Shared temporary storage queues** (TSQSHR) views display information about shared temporary storage queues.

Supplied views

To access from the main menu, click:

CICS operations views > Temporary storage queue (TSQ) operations views > Shared queues

Table 277. Views in the supplied **Shared temporary storage queues** *(TSQSHR) view set*

View	Notes
Shared temporary storage queues EYUSTARTTSQSHR.DELETE	Deletes the shared temporary storage queue.

Table 277. Views in the supplied **Shared temporary storage queues** *(TSQSHR) view set (continued)*

View	Notes
Shared temporary storage queues EYUSTARTTSQSHR.DETAILED	Detailed information about a selected temporary storage queue.
Shared temporary storage queues EYUSTARTTSQSHR.TABULAR	Tabular information about shared temporary storage queues in CICS systems.

Actions

Table 278. Actions available for TSQSHR views

Action	Description
DELETE	Deletes the shared temporary storage queue.
SET	Set attributes according new values specified in input fields.

Fields

Table 279. Fields in TSQSHR views

Field	Attribute name	Description
TS Queue expiry interval (hours)	EXPIRYINT	The last used interval limit time, in hours, which is used to determine whether a temporary storage queue has expired and is eligible to be automatically deleted. The value is derived from the EXPIRYINT value in the TSMODEL, or for CICS TS 5.2 and higher either the EXPIRYINT value or the EXPIRYINTMIN value rounded up to the next hour. The EXPIRYINTMIN value overrides EXPIRYINT. The value in the TSMODEL at the time a temporary storage queue is created will be used for the lifetime of a queue even if the TSMODEL is subsequently changed. The value of EXPIRYINT can be in the range of 0-to-15000. • 0 - Indicates that no expiry interval applies to this TSMODEL and therefore a temporary storage queue based on this will never expire. This is the default value. • value - Specifies the last used interval in hours after which the queue becomes eligible for automatic deletion.
TS Queue expiry interval (minutes)	EXPIRYINTMIN	The last used interval limit time, in minutes, which is used to determine whether a temporary storage queue has expired and is eligible to be automatically deleted. CICS rounds up the value to a multiple of ten minutes. The value in the TSMODEL at the time a temporary storage queue is created will be used for the lifetime of a queue even if the TSMODEL is subsequently changed. The value of EXPIRYINTMIN can be in the range of 0-to-900000. • 0 - Indicates that no expiry interval applies to this TS queue. This is the default value. • value - Specifies the last used interval in minutes after which the queue becomes eligible for automatic deletion.
Interval since queue last used (seconds)	LASTUSEDINT	The interval, in seconds, since the shared temporary storage queue was last referenced.
Queue location	LOCATION	Indicates where the shared temporary storage queue resides.
Largest item length (bytes)	MAXITEMLEN	The length, in bytes, of the largest item in the shared temporary storage queue. Note: If an AUXILIARY TSQSHR contains an item that is larger than the control interval size of the temporary storage data set, this field will be displayed as N/A.

Table 279. Fields in TSQSHR views (continued)

Field	Attribute name	Description
Smallest item length (bytes)	MINITEMLEN	The length, in bytes, of the smallest item in the shared temporary storage queue. If an AUXILIARY TSQSHR contains an item that is larger than the control interval size of the temporary storage data set, this field will be displayed as N/A.
Queue name	NAME	The name of the shared temporary storage queue.
Number of items in queue	NUMITEMS	The number of items in the shared temporary storage queue.
Temporary storage pool name	POOLNAME	The name of a temporary storage pool. CICS ships the command to the temporary storage server that manages the pool.
Total queue length (bytes)	QUELENGTH	The total length, in bytes, of all the items in the shared temporary storage queue. If an AUXILIARY TSQSHR contains an item that is larger than the control interval size of the temporary storage data set, this field will be displayed as N/A.
Recovery status	RECOVSTATUS	Indicates whether or not the shared temporary storage queue is recoverable.
Transaction that created TS queue	TRANSID	The ID of the transaction that created the shared temporary storage queue.

All task subpools - TSKSPOLS

The **Task Subpools** (TSKSPOLS) views display information about CICS task storage subpools in an active system being managed by CICSPlex SM.

Supplied views

To access from the main menu, click:

CICS operations views > **Temporary storage queue (TSQ) operations views** > **All task subpools**

Table 280. Views in the supplied **All Task Subpools** *(TSKSPOLS) view set*

View	Notes
All Task Subpools EYUSTARTTSKSPOLS.DETAILED	Detailed information about a selected subpool.
All Task Subpools EYUSTARTTSKSPOLS.TABULAR	Tabular information about the task storage subpools in the current scope.

Actions

None.

Fields

Table 281. Fields in TSKSPOLS views

Field	Attribute name	Description
CDSA percentage of DSA used by elements	DSAELEMPCTC	The amount of storage used by elements in all the task subpools in this DSA expressed as a percentage.
ECDSA percentage of DSA used by elements	DSAELEMPCTEC	The amount of storage used by elements in all the task subpools in this DSA expressed as a percentage.

Table 281. Fields in TSKSPOLS views (continued)

Field	Attribute name	Description
EUDSA percentage of DSA used by elements	DSAELEMPCTEU	The amount of storage used by elements in all the task subpools in this DSA expressed as a percentage.
UDSA percentage of DSA used by elements	DSAELEMPCTU	The amount of storage used by elements in all the task subpools in this DSA expressed as a percentage.
CDSA peak percentage of page pool use	DSAPAGPPCTC	The sum of the storage in all pages allocated to task subpools within this DSA, expressed as a percentage.
ECDSA peak percentage of page pool use	DSAPAGPPCTEC	The sum of the storage in all pages allocated to task subpools within this DSA, expressed as a percentage.
EUDSA peak percentage of page pool use	DSAPAGPPCTEU	The sum of the storage in all pages allocated to task subpools within this DSA, expressed as a percentage.
UDSA peak percentage of page pool use	DSAPAGPPCTU	The sum of the storage in all pages allocated to task subpools within this DSA, expressed as a percentage.
CDSA FREEMAIN rate since last reset	FREEMAINRTC	The rate per second of FREEMAIN requests for this DSA since the counters for the requested statistics were last reset.
ECDSA FREEMAIN rate since last reset	FREEMAINRTEC	The rate per second of FREEMAIN requests for this DSA since the counters for the requested statistics were last reset.
EUDSA FREEMAIN rate since last reset	FREEMAINRTEU	The rate per second of FREEMAIN requests for this DSA since the counters for the requested statistics were last reset.
UDSA FREEMAIN rate since last reset	FREEMAINRTU	The rate per second of FREEMAIN requests for this DSA since the counters for the requested statistics were last reset.
CDSA GETMAIN rate since last reset	GETMAINRTC	The rate per second of GETMAIN requests for this DSA since the counters for the requested statistics were last reset.
ECDSA GETMAIN rate since last reset	GETMAINRTEC	The rate per second of GETMAIN requests for this DSA since the counters for the requested statistics were last reset.
EUDSA GETMAIN rate since last reset	GETMAINRTEU	The rate per second of GETMAIN requests for this DSA since the counters for the requested statistics were last reset.
UDSA GETMAIN rate since last reset	GETMAINRTU	The rate per second of GETMAIN requests for this DSA since the counters for the requested statistics were last reset.
CDSA current percentage of page pool use	PAGEPLPCTC	The sum of the storage in all pages allocated to task subpools within this DSA, expressed as a percentage.
ECDSA current percentage of page pool use	PAGEPLPCTEC	The sum of the storage in all pages allocated to task subpools within this DSA, expressed as a percentage.
EUDSA current percentage of page pool use	PAGEPLPCTEU	The sum of the storage in all pages allocated to task subpools within this DSA, expressed as a percentage.
UCDSA current percentage of page pool use	PAGEPLPCTU	The sum of the storage in all pages allocated to task subpools within this DSA, expressed as a percentage.
CDSA subpool access type	SMTACCESSC	The type of access of the subpool. It is either CICS or USER.
ECDSA subpool access type	SMTACCESSEC	The type of access of the subpool. It is either CICS or USER.
EUDSA subpool access type	SMTACCESSEU	The type of access of the subpool. It is either CICS or USER.
UDSA subpool access type	SMTACCESSU	The type of access of the subpool. It is either CICS or USER.
CDSA sum of all element lengths	SMTCESCDSA	The sum of the storage occupied by all elements in task subpools within this DSA, expressed in bytes.
ECDSA sum of all element lengths	SMTCESECDSA	The sum of the storage occupied by all elements in task subpools within this DSA, expressed in bytes.
EUDSA sum of all element lengths	SMTCESEUDSA	The sum of the storage occupied by all elements in task subpools within this DSA, expressed in bytes.
UDSA sum of all element lengths	SMTCESUDSA	The sum of the storage occupied by all elements in task subpools within this DSA, expressed in bytes.
CDSA current number of elements	SMTCNECDSA	The number of elements in all the task subpools in this DSA.
ECDSA current number of elements	SMTCNEECDSA	The number of elements in all the task subpools in this DSA.

Table 281. Fields in TSKSPOLS views (continued)

Field	Attribute name	Description
EUDSA current number of elements	SMTCNEEUDSA	The number of elements in all the task subpools in this DSA.
UDSA current number of elements	SMTCNEUDSA	The number of elements in all the task subpools in this DSA.
CDSA current page storage	SMTCPSCDSA	The sum of the storage in all pages allocated to task subpools within this DSA, expressed in bytes.
ECDSA current page storage	SMTCPSECDSA	The sum of the storage in all pages allocated to task subpools within this DSA, expressed in bytes.
EUDSA current page storage	SMTCPSEUDSA	The sum of the storage in all pages allocated to task subpools within this DSA, expressed in bytes.
UDSA current page storage	SMTCPSUDSA	The sum of the storage in all pages allocated to task subpools within this DSA, expressed in bytes.
CDSA number of FREEMAIN requests	SMTFMREQCDSA	The number of task subpool FREEMAIN requests from this DSA.
ECDSA number of FREEMAIN requests	SMTFMREQEC	The number of task subpool FREEMAIN requests from this DSA.
EUDSA number of FREEMAIN requests	SMTFMREQEU	The number of task subpool FREEMAIN requests from this DSA.
UDSA number of FREEMAIN requests	SMTFMREQUDSA	The number of task subpool FREEMAIN requests from this DSA.
CDSA number of GETMAIN requests	SMTGMREQCDSA	The number of task subpool GETMAIN requests from this DSA.
ECDSA number of GETMAIN requests	SMTGMREQEC	The number of task subpool GETMAIN requests from this DSA.
EUDSA number of GETMAIN requests	SMTGMREQEU	The number of task subpool GETMAIN requests from this DSA.
UDSA number of GETMAIN requests	SMTGMREQUDSA	The number of task subpool GETMAIN requests from this DSA.
CDSA peak page storage	SMTHWMPSCDSA	The peak page storage allocated to support task storage activity in this DSA.
ECDSA peak page storage	SMTHWMPSEC	The peak page storage allocated to support task storage activity in this DSA.
EUDSA peak page storage	SMTHWMPSEU	The peak page storage allocated to support task storage activity in this DSA.
UDSA peak page storage	SMTHWMPSUDSA	The peak page storage allocated to support task storage activity in this DSA.
CDSA location above/below 16MB line	SMTLOCNCDSA	Indicates whether the DSA is above or below the 16MB line.
ECDSA location above/below 16MB line	SMTLOCNECDSA	Indicates whether the DSA is above or below the 16MB line.
EUDSA location above/below 16MB line	SMTLOCNEUDSA	Indicates whether the DSA is above or below the 16MB line.
UDSA location above/below 16MB line	SMTLOCNUDSA	Indicates whether the DSA is above or below the 16MB line.

Terminal operations views

The terminal operations views show information about the terminals within the current context and scope. Note: The terminal views do not show information about, or let you issue commands against, LU 6.2 connections or mode names. For information on LU 6.2 connections or mode names, use the connection views.

3270 bridge facilities - BRFACIL

The **3270 bridge facilities** (BRFACIL) views show virtual terminals (bridge facility) used by the 3270 bridge mechanism to simulate a real 3270 when running a CICS 3270 application in a bridged environment.

Supplied views

To access from the main menu, click:

CICS operations views > **Terminal operations views** > **3270 bridge facilities**

Table 282. Views in the supplied **3270 bridge facilities** *(BRFACIL) view set*

View	Notes
3270 bridge facilities EYUSTARTBRFACIL.DETAILED	Detailed information about a selected 3270 bridge facility.
3270 bridge facilities EYUSTARTBRFACIL.RELEASE	Mark an active bridge facility for deletion.
3270 bridge facilities EYUSTARTBRFACIL.TABULAR	Tabular information about 3270 bridge facilities in CICS systems.

Actions

Table 283. Actions available for BRFACIL views

Action	Description
RELEASE	Mark an active bridge facility for deletion.
SET	Change the attributes of a selected bridge facility.

Fields

Table 284. Fields in BRFACIL views

Field	Attribute name	Description
Facility keep time	KEEPTIME	The length of time that a bridge facility is retained whilst inactive. The facility is marked for deletion after this period expires.
Remote bridge target region network name	LINKSYSNET	The applid of the target region if the Link3270 bridge request is routed to another region. If the request is processed in the same region as the Link3270 router, then this field is blank. This field may change if dynamic transaction routing makes more than one attempt at running the first transaction in a Link3270 session. This field is only set in the router region.
Remote bridge target region system ID	LINKSYSTEM	The system ID of the target region if the Link3270 bridge request is routed to another region. If the request is processed in the same region as the Link3270 router, this field is blank. This field may change if dynamic transaction routing makes more than one attempt at running the first transaction in a Link3270 session. This field is only set in the router region.
Bridge facility token	NAME	The 8 byte facility token of the bridge facility.

Table 284. Fields in BRFACIL views (continued)

Field	Attribute name	Description
Namespace type	NAMESPACE	The scope of the namespace used to allocate bridge facility names. Values are: • LOCAL - The bridge facility was allocated by the START BREXIT bridge mechanism, so its name is unique only in the local region where it is created. • SHARED - The bridge facility was allocated by the Link3270 bridge mechanism, so its name is unique across all CICS router regions in the CICSplex who have access to a shared DFHBRNSF namespace file.
Network name	NETNAME	The virtual network name of the 3270 Bridge Facility.
Remote bridge router network name	REMOTESYSNET	The applid of the bridge router region. This field is only set in the target region. It is blank if the request is processed in the router region and not sent to an target region.
Remote bridge router system ID	REMOTESYSTEM	The system ID of the bridge router region. This field is only set in the target region. It is blank if the request is processed in the router region and not sent to a target region.
Task number	TASKID	The number of the active CICS task currently running on the 3270 bridge facility. This field is only displayed in the target region, and is set to zero when the bridge is not in use.
Terminal	TERMID	The virtual terminal ID of the 3270 bridge facility.
Terminal status	TERMSTATUS	The status of the bridge facility. Values are: • ACQUIRED - The bridge facility is currently in use. • AVAILABLE - The bridge facility is not in use. It can be reused by the client. • RELEASED - SET BRFACILITY RELEASED has been issued for the bridge facility. It will be deleted on the next cleanup cycle.
Transaction	TRANSID	The name of the user transaction currently running on the 3270 bridge facility. This field is blank if the bridge is not currently in use.
User ID	USERID	The user identifier associated with the 3270 bridge facility.

Auto install models - AIMODEL

The **Auto install models** (AIMODEL) views display information about the autoinstall terminal models.

Supplied views

To access from the main menu, click:

CICS operations views > **Terminal operations views** > **Auto install models**

Table 285. Views in the supplied **Auto install models** *(AIMODEL) view set*

View	Notes
Auto install models EYUSTARTAIMODEL.DETAILED	Detailed information about a selected autoinstall terminal model.
Auto install models EYUSTARTAIMODEL.DISCARD	Discard an autoinstall terminal model from the CICS system where it is installed.
Auto install models EYUSTARTAIMODEL.TABULAR	Tabular information about autoinstall terminal models.

Actions

Table 286. Actions available for AIMODEL views

Action	Description
DISCARD	Discard an autoinstall terminal model from the CICS system where it is installed.

Fields

Table 287. Fields in AIMODEL views

Field	Attribute name	Description
Model name	MODEL	The name of the model that defines a set of properties that are used for subsequent terminal definitions when the specific model definition is used.

Terminals - TERMNL

The **Terminals** (TERMNL) views display information about currently installed terminals.

Supplied views

To access from the main menu, click:

CICS operations views > **Terminal operations views** > **Terminals**

Table 288. Views in the supplied **Terminals** *(TERMNL) view set*

View	Notes
Terminals EYUSTARTTERMNL.ACQUIRE	Acquires a terminal (VTAM only).
Terminals EYUSTARTTERMNL.CANCEL	Cancels automatic initiation descriptor (AID) queuing for a terminal.
Terminals EYUSTARTTERMNL.DETAIL1	Detailed information about a selected terminal.
Terminals EYUSTARTTERMNL.DETAILED	Detailed information about a selected terminal.
Terminals EYUSTARTTERMNL.DISCARD	Discard a terminal from the CICS system where it is installed. The terminal must be out of service before it can be discarded.
Terminals EYUSTARTTERMNL.FORCEPURGE	Any transaction running with this terminal is immediately terminated abnormally. Data integrity is not guaranteed. In some extreme cases (for example, if an error occurs during backout processing), CICS might terminate abnormally.
Terminals EYUSTARTTERMNL.INSERVICE	Set the terminal in-service and available for use. For VTAM, INSERVICE means that the terminal can be ACQUIRED.
Terminals EYUSTARTTERMNL.OUTSERVICE	Set the terminal out-of-service, and not available for transactions. Any current transaction is allowed to complete normally, but no further transactions are allowed to use the terminal. For VTAM, setting a terminal OUTSERVICE also causes it to be released and the operator is signed off, either immediately or when the current transaction has terminated.

Table 288. Views in the supplied **Terminals** *(TERMNL) view set (continued)*

View	Notes
Terminals EYUSTARTTERMNL.PURGE	Take a terminal out of service and sets its PURGETYPE value to PURGE, so that transactions associated with the terminal are purged normally.
Terminals EYUSTARTTERMNL.RELEASE	Releases a terminal.
Terminals EYUSTARTTERMNL.SET	Set attributes according to the new values specified in input fields.
Terminals EYUSTARTTERMNL.TABULAR	Tabular information about terminals installed in CICS systems.

Actions

Table 289. Actions available for TERMNL views

Action	Description
ACQUIRE	Acquires a terminal (VTAM only).
CANCEL	Cancels automatic initiation descriptor (AID) queuing for a terminal.
DISCARD	Discard a terminal from the CICS system where it is installed. The terminal must be out of service before it can be discarded.
FORCEPURGE	Any transaction running with this terminal is immediately terminated abnormally. Data integrity is not guaranteed. In some extreme cases (for example, if an error occurs during backout processing), CICS might terminate abnormally.
INSERVICE	Set the terminal in-service and available for use. For VTAM, INSERVICE means that the terminal can be ACQUIRED.
KILL	The task is to be terminated. System and data integrity is not guaranteed. The KILL option extends the PURGE and FORCEPURGE options. It should be used only after an attempt has been made to PURGE or FORCEPURGE a task. The KILL option does not guarantee integrity of any kind but in some situations it allows the user to free up a stalled region enabling the region to continue processing. In some cases, for example, if a task is killed during backout processing, CICS terminates abnormally.
OUTSERVICE	Set the terminal out-of-service, and not available for transactions. Any current transaction is allowed to complete normally, but no further transactions are allowed to use the terminal. For VTAM, setting a terminal OUTSERVICE also causes it to be released and the operator is signed off, either immediately or when the current transaction has terminated.
PURGE	Take a terminal out of service and sets its PURGETYPE value to PURGE, so that transactions associated with the terminal are purged normally.
RELEASE	Releases a terminal.
SET	Set attributes according to the new values specified in input fields.

Fields

Table 290. Fields in TERMNL views

Field	Attribute name	Description
Access method	ACCESSMETHOD	The access method defined for the terminal as one of the following: • VTAM • BSAM • BTAM • BGAM • TCAM • TCAMSNA • CONSOLE
Acquire status	ACQSTATUS	Under VTAM, indicates whether CICS is in session with the logical unit represented by this terminal. If this field is NOTAPPLIC, it means the access method is something other than VTAM. Input Values: • ACQUIRED • RELEASED • NOTAPPLIC • COLDACQ • ACQUIRING • RELEASING
Alternate page height	ALTPAGEHT	The alternate page height defined for use by BMS when the alternate page size is selected.
Alternate page width	ALTPAGEWD	The alternate page width defined for use by BMS when the alternate page size is selected.
Alternate printer	ALTPRINTER	The name of a 3270 printer for use as an alternative to the preferred printer.
Hardware COPY feature for alternate printer	ALTPRTCOPYST	Indicates whether CICS is to use the hardware COPY feature to satisfy a print request from the alternate printer. Input Values: ALTPRTCOPY, NOALTPRTCOPY
Alternate screen height	ALTSCRNHT	The alternate screen height defined for use by BMS when the alternate screen size is selected.
Alternate screen width	ALTSCRNWD	The alternate screen width defined for use by BMS when the alternate screen size is selected.
Alternate-map-set suffix	ALTSUFFIX	A 1-character numeric suffix that BMS appends to map set names, as specified on the DFHMSD TYPE macro. If this field is blank, it means that no suffix is added to map set names. This applies only when the screen has the alternate size and suffixing is in use.
APL keyboard feature	APLKYBDST	Indicates whether the 3270 device has the APL keyboard feature. Values are APLKYBDS or NOAPLKYB.
APL text feature	APLTEXTST	Indicates whether the 3270 device has the APL text feature. Values are APLTEXT or NOAPLTEX.
ASCII data stream type	ASCII	Identifies the type of ASCII data stream being used. • ASCII7 - A 7-bit ASCII datastream. • ASCII8 - An 8-bit ASCII datastream. • NOTAPPLIC - Not applicable.
Automatic transaction initiation (ATI) status	ATISTATUS	Indicates whether CICS can initiate a task automatically (ATI) with this terminal as its principal facility. Input Values: ATI, NOATI
Audible alarm feature	AUDALARMST	Indicates whether the device has the audible alarm feature for a 3270 display or a 3270 printer attached to a 3651 controller (AUDALARM or NOAUDALARM).

Table 290. Fields in TERMNL views (continued)

Field	Attribute name	Description
Session binding status	AUTOCONNECT	Identifies whether sessions with this terminal are to be established when CICS is initialized or whenever communication with VTAM is started. • ALLCONN - Same as AUTOCONN • AUTOCONN - CICS binds associated sessions. • NONAUTOCONN - CICS does not bind associated sessions. • NOTAPPLIC - The terminal is not a VTAM terminal, or is a remote terminal, a surrogate, or a model.
Background transparency feature	BACKTRANSST	Indicates whether the device has the background transparency feature (BACKTRANS or NOBACKTRANS).
Extended color feature	COLORST	Indicates whether the device has the extended color feature, which allows colors to be chosen for each field or character (COLOR or NOCOLOR).
Console ID	CONSOLE	Indicates, for an MVS console only, the identifier for the console.
Copy feature in control unit	COPYST	Indicates whether the copy feature for a 3270 display or printer is included in the 3270 control unit (COPY or NOCOPY).
Correlation ID	CORRELID	The 8-character correlation-id, as follows: • For LU6.1 sessions, NETNAMEQ. • .For LU6.2 sessions, a token that is common to the two connected sessions. • .For MRO sessions, the terminal ID of the session at the other end of the MRO link to which this session is connected.
Session creation status	CREATESESS	Under VTAM, indicates whether the terminal can be acquired automatically by ATI transactions. If this field is NOTAPPLIC, it means the access method is something other than VTAM. The options are CREATE, NOCREATE, NOTAPPLIC.
Device data stream type	DATASTREAM	Identifies the device data stream type: • DS3270 - 3270 Datastream • NOTAPPLIC - Not applicable • SCS - SNA character strings
Default page height	DEFPAGEHT	The default page height defined for use by BMS when the default page size is selected.
Default page width	DEFPAGEWD	The default page width defined for use by BMS when the default page size is selected.
Default screen height	DEFSCRNHT	The default screen height defined for use by BMS when the default screen size is selected.
Default screen width	DEFSCRNWD	The default screen width defined for use by BMS when the default screen size is selected.
Device type	DEVICE	The terminal or session type as recorded in the TCTTE. Possible values: BATCHLU, BIPROG, BISYNCH, CDRDLPRT, CONTNLU, HARDCOPY, INTACTLU, ISCMMCONV, LUCMODGRP, LUCSESS, LUTYPE4, LUTYPE6, MAGTAPE, RESSYS, SDLC, SEQDISK, SYSTEM3, SYSTEM7, SYS7BSCA, TCONSOLE, TELETYPE, TTCAM, TWX3335, T1050, T1053, T2260L, T2260R, T2265, T2740, T2741BCD, T2741COR, T2770, T2780, T3275R, T3277L, T3277R, T3284L, T3284R, T3286L, T3286R, T3600BI, T3601, T3614, T3650ATT, T3735, T3650PIPE, T3650USER, T3653HOST, T3740, T3780, T3790, T3790SCSP, T3790UP, T7770, VIDEOTERM
Device busy status	DEVICEST	Indicates the status of the device. • BUSY - The device is busy. • NOTBUSY - The device is not busy.
Disconnect Requests status	DISCREQST	Indicates whether CICS is to honor disconnect requests from an application. Input Values: DISCREQ, NODISCREQ, NOTAPPLIC

Table 290. Fields in TERMNL views (continued)

Field	Attribute name	Description
Dual-case keyboard status	DUALCASEST	Indicates whether the terminal has a typewriter keyboard or an operator console keyboard. Values are: • DUALCASE - The terminal has a typewriter keyboard. • NODUALCASE - The terminal has an operator console keyboard (this keyboard is not restricted to a single case), or is not a 3270 display.
Exit tracing status	EXITTRACING	Under VTAM, indicates whether exit tracing is active for the terminal. A value of NOTAPPLIC means the access method is something other than VTAM. Input Values: EXITTRACE, NOEXITTRACE
Extended data stream support	EXTENDEDDSST	Indicates whether the 3270 device or SCS printer supports extensions to the 3270 data stream. The options are EXTENDEDDS or NOEXTENDEDDS.
Function management header (FMH) option	FMHPARMST	Indicates whether the device supports function management header (FMH) data built by BMS from user-supplied parameters. The options are FMHPARM or NOFMHPARM.
Forms feed feature	FORMFEEDST	Indicates whether the device has the forms feed feature. The options are FORMFEED and NOFORMFEED.
Graphic character set global ID	GCHARS	The graphic character set global ID (GCSGID). This ID is a registered number in the range 1 - 65534 that identifies the set of graphic characters that can be input or output at this terminal. A value of zero means no GCSGID value was defined.
Code page global ID	GCODES	The code page global ID (CPGID). This ID is a registered number in the range 1 - 65534 that identifies the EBCDIC code page that defines the code points for the characters that can be input or output at this terminal. A value of zero means no CPGID value was defined.
Horizontal form feature	HFORMST	Indicates whether the device has the horizontal forms feature, which enables BMS to use horizontal tabbing when formatting documents for output. The options are HFORM or NOHFORM.
Extended highlight feature	HILIGHTST	Indicates whether the 3270 device or SCS printer has the extended highlight facility, which enables fields or characters to be displayed in reverse-video, underline mode, or blinking. The options are HILIGHT or NOHILIGHT.
Number of input messages	INPMSGCNT	The number of operator-initiated inputs to the terminal, including initial transaction input and input as a result of a conversational read to the terminal.
Katakana terminal	KATAKANAST	Indicates whether the device is a Katakana terminal (KATAKANA or NOKATAKANA).
Selector pen feature	LIGHTPENST	Indicates whether a 3270 display has the selector pen feature. The options are LIGHTPEN or NOLIGHTPEN.
Real link connection for remote TOR	LINKSYSTEM	For remote terminals only, the 4-character name of the connection that is the real link towards the TOR.
Last map referenced in SEND MAP command	MAPNAME	The name of the BMS map that was most recently referenced in the MAP option of a SEND MAP command processed for this terminal.
Last map set referenced in SEND MAP command	MAPSETNAME	The name of the BMS map set that was most recently referenced in the MAPSET option of a SEND MAP command processed for this terminal.
Mode name	MODENAME	Under APPC, the name of a group of parallel sessions (to which this terminal belongs) that have similar characteristics.
Magnetic slot reader	MSRCONTROLST	Indicates whether the terminal is an 8775 or 3643 device with a magnetic slot reader. The options are MSRCONTR or NOMSRCON.
National language ID	NATLANG	A 1-character alphanumeric value that identifies the national language originally defined for use with this terminal.

Table 290. Fields in TERMNL views (continued)

Field	Attribute name	Description
Terminal definition type	NATURE	Indicates the nature of the terminal definition as one of the following: • TERMINAL - Physical terminal definition • MODEL - Model terminal definition, specific to a type of terminal • SESSION - Remote (APPC) session • SURROGAT - Surrogate terminal definition
Network name	NETNAME	Under VTAM, the name by which this logical unit (either a terminal or a session) is known. If this field is blank, it means the access method is something other than VTAM.
Next transaction ID	NEXTTRANSID	The name of the next transaction to run after an EXEC CICS RETURN command. Input Values: Any valid transaction ID
Network qualified name	NQNAME	The network qualified name if one was sent by VTAM at logon time.
Outboard formatting support	OBFORMATST	Indicates whether the device supports outboard formatting. Input Values: OBFORMAT, NOOBFORMAT
Outboard operator IDs used	OBOPERIDST	For 3790 and 3770 batch data interchange logical units, indicates whether outboard operator IDs are used by CICS to support the BMS routing facilities required for this terminal (OBOPERID or NOOBOPERID).
Operator ID	OPERID	Returns the 3-character operator identification code of the user signed on at the terminal. Note: If the terminal is a surrogate terminal, this value may not be current; it represents the user signed on at the time the terminal definition was shipped from the owning CICS region to this one, who may since have signed off. The OPERID may also be different from that of the user currently signed on if it has been changed with the SET TERMINAL command.
Field outlining support	OUTLINEST	Indicates whether the device supports field outlining. The options are OUTLINE or NOOUTLINE.
Number of output messages	OUTMSGCNT	The number of output messages written to the terminal by either an application program or CICS.
Current page height	PAGEHT	The page height currently in use for the device.
BMS paging status	PAGESTATUS	Indicates whether pages after the first in a series are written to the terminal automatically or on request from the operator. Input Values: AUTOPAGEABLE, PAGEABLE
Current page width	PAGEWD	The page width currently in use for the device.
Partitions status	PARTITIONSST	Indicates whether the device can use partitions (PARTITIONS or NOPARTITIONS).
Total pipeline-throwaway count	PMSGCNT	The total throwaway count. A throwaway occurs when input is received for a pipeline pool terminal and none are available.
Maximum pipeline-throwaway count	PMSGCONSEC	The maximum number of throwaways. A throwaway occurs when input is received for a pipeline pool terminal and none are available.
Number of consecutive pipeline-throwaways	PMSGGRPCNT	The number of consecutive throwaways. A throwaway occurs when input is received for a pipeline pool terminal and none are available.
Number of polls sent to terminal	POLLCNT	Under TCAM or BSAM, the number of polls that have been sent to the terminal. If this field is blank, it means the access method is something other than TCAM or BSAM.
Printer adaptor feature	PRINTADAPTST	Indicates whether the device supports a printer adaptor feature (PRINTADAPT or NOPRINTADAPT).

Table 290. Fields in TERMNL views (continued)

Field	Attribute name	Description
Printer name	PRINTER	The name of the preferred printer CICS is to use in response to a print request from this device. Input Values: Any valid printer ID
Programmed symbol facility support	PROGSYMBOLST	Indicates whether the programmed symbol facility can be used on this 3270 device of SCS printer. The options are PROGSYMBOL or NOPROGSYMBOL .
Hardware COPY feature for preferred printer	PRTCOPYST	Indicates whether CICS is to use the hardware COPY feature to satisfy a print request from the preferred printer. Input Values: PRTCOPY, NOPRTCOPY
Query option	QUERYST	Indicates whether the device supports the use of the QUERY structured field to determine its characteristics: • ALLQUERY - The QUERY function is supported each time the device is connected. • COLDQUERY - The QUERY function is supported only when the device is first connected after a cold start of CICS. • NOQUERY - The QUERY function is not supported.
Release Request status	RELREQST	Indicates whether CICS is to honor release requests from VTAM for the logical unit. Input Values: RELREQ, NORELREQ, NOTAPPLIC
Name of terminal in remote CICS	REMOTENAME	The 4-character name of this terminal in the remote CICS region in which it is defined. REMOTENAME applies only to terminals defined as remote; for others the value returned is blanks
Remote TOR net name	REMOTESYSNET	For remote terminals only, the 8-character netname of the owning TOR.
Remote system name	REMOTESYSTEM	returns the 4-character name of a connection or the first 4 characters of an IPCONN name. The named connection can be either a connection entry that that links towards the TOR, or an indirect connection that provides the netname of the TOR. For IPIC connections, the first 4 characters of the IPCONN name on the IPCONN definition which is in service and acquired is used.
Screen height	SCREENHEIGHT	The height of the current 3270 screen, which is either the ALTSCRNHT or DEFSCRNHT value.
Screen width	SCREENWIDTH	The width of the current 3270 screen, which is either the ALTSCRNWD or DEFSCRNWD value.
Preset security status	SECURITY	Indicates whether the terminal has preset security (PRESET or NOPRESET).
Service status	SERVSTATUS	Indicates whether the terminal is currently in service, out of service, or in the process of going out of service. The options are GOINGOUT, INSERVICE, OUTSERVICE
Session type	SESSIONTYPE	For terminals that are acting as sessions with another CICS system, the type of session as one of the following: • LU61 - An LUTYPE6.1 session. • APPCSINGLE - A single APPC session. • APPCPARALLEL - A parallel APPC session group. • NOTAPPLIC - The terminal is not one of the above.
Sign-on status	SIGNONSTATUS	Indicates whether the terminal currently has a signed on user (SIGNEDON or SIGNEDOFF).
Mixed EBCDIC/DBCS support	SOSIST	Indicates whether the device supports mixed EBCDIC and double-byte character set (DBCS) fields. The options are SOSI or NOSOSI.
Number of storage violations	STGVCNT	The number of storage violations that have occurred on the terminal.

Table 290. Fields in TERMNL views (continued)

Field	Attribute name	Description
Terminal input-output area (TIOA) storage	STORAGE	The average TIOA storage allowed at this terminal.
Id of task currently executing at terminal	TASKID	The ID of the user task currently executing at this terminal.
TCAM message control flag	TCAMCONTROL	Returns a 1-character TCAM control byte giving one of the following codes to identify which segment of a message has passed between CICS and TCAM. The meanings are: • 00 Null • 40 Intermediate part of message • F1 First part of message • F2 Last part of message • F3 Whole message • F4 Intermediate part of message, end of record • F5 First part of message, end of record • F6 Last part of message, end of record • F7 Whole message, end of record • FE TCAM is not active • FF Not applicable (non-TCAM terminal)
Terminal ID	TERMID	The terminal name as specified in the installed terminal definition.
Terminal model number	TERMMODEL	The terminal model number, as specified in the TYPETERM definition. A value of N/A means this terminal is an LU6.2 or MRO session.
Terminal priority	TERMPRIORITY	The priority of the terminal relative to other terminals. Input Values: 0 - 255.
Terminal type	TERMTYPE	The type of terminal.
Number of transaction errors	TERRCNT	The number of transactions associated with the terminal that could not be started.
Text-keyboard feature	TEXTKYBDST	Indicates whether the 3270 device has the text keyboard feature. The options are TEXTKYBD or NOTEXTKYBD.
Text-print feature	TEXTPRINTST	Indicates whether a 3288 printer has the text-print feature. The options are TEXTPRINT or NOTEXTPRINT.
Terminal tracing type	TRACING	Describes the tracing activity associated with the terminal as either standard or special. The options are STANTRACE or SPECTRACE.
Number of transactions	TRANCNT	The number of transactions, both nonconversational and pseudoconversational, that were started at the terminal.
Current transaction name	TRANSACTION	The name of the transaction currently executing with this terminal as its principal facility.
Terminal transaction initiation (TTI) status	TTISTATUS	Indicates whether this terminal can be used by transactions initiated from this terminal. The options are TTI or NOTTI
Uppercase translate option support	UCTRANST	Indicates whether the upper case translate option is supported for transactions associated with this terminal. The options are UCTRAN, NOUCTRAN, TRANIDONLY.
Terminal user area (TCTUA) address	USERAREA	The address of the user area.
Terminal user area (TCTUA) length	USERAREALEN	The length of the user area.
User ID	USERID	The 8-character identifier of the user signed on at this terminal or session. If there is no signed-on user, the value will be the default user ID, as specified in the DFLTUSER system initialization parameter.
User name	USERNAME	returns the 20-character name of the user signed on at this terminal or session (that is, the name corresponding to the USERID option value). If the information, which is provided by the external security manager, is shorter than 20 bytes, CICS pads it to 20 with trailing blanks. Blanks are returned if there is no signed on user.

Table 290. Fields in TERMNL views (continued)

Field	Attribute name	Description
Extended validation feature	VALIDATIONST	Indicates whether the device has the extended validation feature. The options are VALIDATION or NOVALIDATION.
Vertical form feature	VFORMST	Indicates whether the device has the vertical form feature, which enables BMS to use vertical tabbing when formatting documents for output (VFORM or NOVFORM).
Number of transmission errors or disconnects	XERRCNT	The number of errors recorded if this is a terminal or the number of disconnects if this is an EXCI session.
ZCP tracing status	ZCPTRACING	Under VTAM, controls the tracing activity associated with the VTAM control component of CICS. A value of NOTAPPLIC means the access method is something other than VTAM. The options are ZCPTRACE or NOZCPTRACE.

Transient data queue (TDQ) operations views

The transient data queue (TDQ) operations views show information about extrapartition, intrapartition, indirect, and remote transient data queues within the current context and scope.

Extrapartition - EXTRATDQ

The **Extrapartition transient data queues** (EXTRATDQ) views display information about currently installed extrapartition transient data queues.

Supplied views

To access from the main menu, click:

CICS operations views > Transient data queue (TDQ) operations views > Extrapartition

Table 291. Views in the supplied **Extrapartition transient data queues** *(EXTRATDQ) view set*

View	Notes
Extrapartition transient data queues EYUSTARTEXTRATDQ.CLOSE	Close a queue.
Extrapartition transient data queues EYUSTARTEXTRATDQ.DETAIL1	Detailed information about the resource signature.
Extrapartition transient data queues EYUSTARTEXTRATDQ.DETAILED	Detailed information about a selected extrapartition transient data queue
Extrapartition transient data queues EYUSTARTEXTRATDQ.DISABLE	Disable a queue. **Note:** 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be disabled. 2. A disabled queue cannot be accessed by applications, though it can still be open.
Extrapartition transient data queues EYUSTARTEXTRATDQ.DISCARD	Discard a queue. **Note:** 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be discarded. 2. The transient data queue must be disabled and closed before it can be discarded.
Extrapartition transient data queues EYUSTARTEXTRATDQ.ENABLE	Enable a queue.

Table 291. Views in the supplied **Extrapartition transient data queues** *(EXTRATDQ) view set (continued)*

View	Notes
Extrapartition transient data queues EYUSTARTEXTRATDQ.OPEN	Open a queue.
Extrapartition transient data queues EYUSTARTEXTRATDQ.SET	Set attributes according to the new values specified in input fields.
Extrapartition transient data queues EYUSTARTEXTRATDQ.TABULAR	Tabular information about extrapartition transient data queues

Actions

Table 292. Actions available for EXTRATDQ views

Action	Description
CLOSE	Close a queue.
DISABLE	Disable a queue. **Note:** 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be disabled. 2. A disabled queue cannot be accessed by applications, though it can still be open.
DISCARD	Discard a queue. **Note:** 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be discarded. 2. The transient data queue must be disabled and closed before it can be discarded.
ENABLE	Enable a queue.
OPEN	Open a queue.
SET	Set attributes according to the new values specified in input fields.

Fields

Table 293. Fields in EXTRATDQ views

Field	Attribute name	Description
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Block format	BLOCKFORMAT	Indicates whether the queue is blocked or unblocked. A value of NOTAPPLIC is returned if the queue is not open.
Block length (bytes)	BLOCKSIZE	Indicates the length of the block in bytes.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • SYSTEM - The resource was last changed by the CICS or CICSPlex SM system. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.

Table 293. Fields in EXTRATDQ views (continued)

Field	Attribute name	Description
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Number of data buffers to be used	DATABUFFERS	Indicates the number of buffers to be used by the transient data queue.
DD name on JCL statement defining data set	DDNAME	The identifier that may refer to a data set name used in the start up JCL.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
Data set disposition	DISPOSITION	Indicates the disposition of the data set as MOD, OLD or SHARE. NOTAPPLIC is returned if the queue is not open.
Name of data set	DSNAME	Specifies the name of the associated QSAM data set or DUMMY data set.
Empty status	EMPTYSTATUS	Indicates the state of the queue: • FULL - The queue is full. • EMPTY - The queue is empty. • NOTEMPTY - No operation against the queue has indicated that it is either empty or full. • NOTAPPLIC - The queue is not open.
Enabled status	ENABLESTATUS	Indicates whether the queue can be accessed by applications. Input Values: ENABLED, DISABLED
CICS action for I/O error	ERROROPTION	Indicates the action CICS should take if an I/O error is encountered. Valid values: • IGNORERR - The block that caused the error is accepted. • SKIP - The block that caused the error is skipped. • NOTAPPLIC - The action is not applicable to this queue.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • GRPLIST - The resource was installed by GRPLIST INSTALL. • SYSTEM - The resource was last installed by the CICS or CICSPlex SM system.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
I/O type	IOTYPE	Indicates whether the queue was defined for INPUT, OUTPUT, or RDBACK, which means the queue can be read backwards.
Member name	MEMBER	This indicates the member name of a partitioned data set. However if the QSAM data set is not a partitioned data set then this field will be blank..
Open status	OPENSTATUS	Indicates whether the queue is open, closed, or in an intermediate state: • OPENING - The queue is in the process of being opened. • OPEN - The queue is open. • CLOSING - The queue is in the process of being closed. • CLOSED - The queue is closed. • SWITCHING - The queue is unavailable, undergoing volume (extent) switching. Input Values: OPEN, CLOSED

Table 293. Fields in EXTRATDQ views (continued)

Field	Attribute name	Description
Number of READ and WRITE requests	OUTCNT	The number of WRITEs to the output data set or READs from the input data set.
Print control type	PRINTCONTROL	Indicates what type of print control applies to the records on this queue: • ASACTL or ASA - ASA control character • MCHCTL or MCH - Machine control character • NOCTL or NOC - No print control • NOTAPPLIC or NOT - The queue is not open.
Record format	RECORDFORMAT	Indicates whether the queue has fixed-length (FIXED) or variable-length (VARIABLE) records. A value of NOTAPPLIC is returned if the queue is not open.
Record length (bytes)	RECORDLENGTH	For queues with variable-length records (VARIABLE), the maximum record length in bytes. For queues with fixed-length records (FIXED), the actual record length in bytes. A value of N/A means the record length could not be determined because the queue is closed.
Rewind action when data set on tape closed	REWIND	Indicates that the current tape is positioned to the logical end of the data set (LEAVE) or positioned to reprocess the data set (REREAD). NOTAPPLIC will be used if REWIND is not applicable for this resource.
SYSOUT class if spool file	SYSOUTCLASS	Indicates the class attribute of the associated SYSOUT data set.
Queue ID	TDQUEUE	The name of the transient data queue.

Indirect - INDTDQ

The **Indirect transient queues** (INDTDQ) views display information about currently installed indirect transient data queues. The name and type of the target queue associated with each indirect queue are listed.

Supplied views

To access from the main menu, click:

CICS operations views > **Transient data queue (TDQ) operations views** > **Indirect**

Table 294. Views in the supplied **Indirect transient data queues** *(INDTDQ) view set*

View	Notes
Indirect transient data queues EYUSTARTINDTDQ.DETAIL1	Detailed information about the resource signature.
Indirect transient data queues EYUSTARTINDTDQ.DETAILED	Detailed information about a selected indirect transient data queues
Indirect transient data queues EYUSTARTINDTDQ.DISCARD	Discard a queue.
Indirect transient data queues EYUSTARTINDTDQ.TABULAR	Tabular information about indirect transient data queues

Actions

Table 295. Actions available for INDTDQ views

Action	Description
DISCARD	Discard a queue.

Fields

Table 296. Fields in INDTDQ views

Field	Attribute name	Description
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • SYSTEM - The resource was last changed by the CICS or CICSPlex SM system. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
Indirect name	INDIRECTNAME	The name of the queue that this indirect queue points to.
Indirect destination type	INDIRECTTYPE	Indicates whether the queue pointed to by this indirect queue is intrapartition, extrapartition, remote, or indirect.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • GRPLIST - The resource was installed by GRPLIST INSTALL. • SYSTEM - The resource was last installed by the CICS or CICSPlex SM system.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Number of I/O requests	OUTCNT	The number of READs, WRITEs, and DELETEs made to the indirect transient data queue.
Queue ID	TDQUEUE	The name of the transient data queue.

Intrapartition - INTRATDQ

The **Intrapartition transient data queues** (INTRATDQ) views display information about currently installed intrapartition transient data queues.

Supplied views

To access from the main menu, click:

CICS operations views > Transient data queue (TDQ) operations views > Intrapartition

Table 297. Views in the supplied **Intrapartition transient data queues** *(INTRATDQ) view set*

View	Notes
Intrapartition transient data queues EYUSTARTINTRATDQ.DETAIL1	Detailed information about the resource signature.
Intrapartition transient data queues EYUSTARTINTRATDQ.DETAILED	Detailed information about a selected intrapartition transient data queue.
Intrapartition transient data queues EYUSTARTINTRATDQ.DISABLE	Disable a queue. **Note:** 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be disabled. 2. A disabled queue cannot be accessed by applications, though it can still be open.
Intrapartition transient data queues EYUSTARTINTRATDQ.DISCARD	Discard a queue. **Note:** 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be discarded. 2. The transient data queue must be disabled and closed before it can be discarded.
Intrapartition transient data queues EYUSTARTINTRATDQ.ENABLE	Enable a queue.
Intrapartition transient data queues EYUSTARTINTRATDQ.SET	Set attributes according to the new values specified in input fields.
Intrapartition transient data queues EYUSTARTINTRATDQ.TABULAR	Tabular information about intrapartition transient data queues.

Actions

Table 298. Actions available for INTRATDQ views

Action	Description
DISABLE	Disable a queue. **Note:** 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be disabled. 2. A disabled queue cannot be accessed by applications, though it can still be open.
DISCARD	Discard a queue. **Note:** 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be discarded. 2. The transient data queue must be disabled and closed before it can be discarded.
ENABLE	Enable a queue.
SET	Set attributes according to the new values specified in input fields.

Fields

Table 299. Fields in INTRATDQ views

Field	Attribute name	Description
ATI facility type	ATIFACILITY	For an ATI Queue, indicates whether or not the task that is to be started when the trigger level is reached is associated with a terminal (or session). Valid options are TERMINAL and NOTERMINAL.
ATI terminal ID	ATITERMID	The name of the terminal or session to be associated with this queue when automatic transaction initiation (ATI) occurs. This field is blank if the ATI transaction does not need a terminal or session.
ATI transaction ID	ATITRANID	The name of the transaction to be started when the automatic transaction initiation (ATI) trigger level is reached.
ATI User ID	ATIUSERID	Specifies the user ID for a transient data trigger-level transaction that is not associated with a terminal. Input Values: Any valid ATI user ID
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • SYSTEM - The resource was last changed by the CICS or CICSPlex SM system. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
In-doubt wait action	INDOUBT	Indicates the action CICS is to take for an in-doubt UOW if the definition for this queue specifies WAIT(YES). Valid values are: • QUEUE - The UOW is in-doubt and waiting; any locks held by the UOW for this queue remain active until the final state of the UOW is known. • REJECT - The UOW is in-doubt and waiting; any locks held by the UOW for this queue are retained until the final state of the UOW is known. • NOTAPPLIC - This is not applicable for this resource.
In-doubt wait option	INDOUBTWAIT	Indicates whether an in-doubt UOW that has modified a recoverable queue should wait for resynchronization with its coordinator to determine whether to commit or backout the changes. Valid values are WAIT, NOWAIT or NOTAPPLIC.

Table 299. Fields in INTRATDQ views (continued)

Field	Attribute name	Description
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • SYSTEM - The resource was last installed by the CICS or CICSPlex SM system. • GRPLIST - The resource was installed by GRPLIST INSTALL.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Number of items	NUMITEMS	The logical number of records in the queue.
Number of I/O requests	OUTCNT	The number of READs, WRITEs, and DELETEs made to the intrapartition transient data queue.
Recovery status	RECOVSTATUS	Indicates whether the queue is physically recoverable (PHYSICAL), logically recoverable (LOGICAL), not recoverable (NOTRECOVABLE). or not intrapartition (NOTAPPLIC).
Enabled status	STATUS	Indicates whether the queue can be accessed by applications. Input Values: ENABLED, DISABLED
Queue ID	TDQUEUE	The name of the transient data queue.
Trigger level	TRIGGERLEVEL	The number of requests for output to a queue that must be made before automatic transaction initiation (ATI) can occur. A value of zero means the queue is not subject to ATI. Input Values: 0 - 32767

Remote - REMTDQ

The **Remote transient data queues** (REMTDQ) views display information about currently installed remote transient data queues. Remote transient data queues are queues that are defined to the local CICS system, but reside in another CICS system.

Supplied views

To access from the main menu, click:

CICS operations views > Transient data queue (TDQ) operations views > Remote

Table 300. Views in the supplied **Remote transient data queues** *(REMTDQ) view set*

View	Notes
Remote transient data queues EYUSTARTREMTDQ.DETAIL1	Detailed information about the resource signature.
Remote transient data queues EYUSTARTREMTDQ.DETAILED	Detailed information about a selected remote transient data queue
Remote transient data queues EYUSTARTREMTDQ.DISCARD	Discard a queue.
Remote transient data queues EYUSTARTREMTDQ.TABULAR	Tabular information about remote transient data queues

Actions

Table 301. Actions available for REMTDQ views

Action	Description
DISCARD	Discard a queue.

Fields

Table 302. Fields in REMTDQ views

Field	Attribute name	Description
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • SYSTEM - The resource was last changed by the CICS or CICSPlex SM system. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • GRPLIST - The resource was installed by GRPLIST INSTALL. • SYSTEM - The resource was last installed by the CICS or CICSPlex SM system.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Number of I/O requests	OUTCNT	The number of READs, WRITEs, and DELETEs made to the remote transient data queue.
Remote name	REMOTENAME	The name by which this queue is known in the remote system.
Remote system	REMOTESYSTEM	The system ID of the CICS system where the remote queue resides.
Queue ID	TDQUEUE	The name of the transient data queue as known to the local CICS system.

Global transient data queue attributes - TDQGBL

The **Global transient data queues** (TDQGBL) views display information about intrapartition transient data queue usage.

Supplied views

To access from the main menu, click:

CICS operations views > Transient data queue (TDQ) operations views > Global transient data queue attributes

Table 303. Views in the supplied **Global transient data queue attributes** *(TDQGBL) view set*

View	Notes
Global transient data queue attributes EYUSTARTTDQGBL.DETAILED	Detailed information about transient data queues in a selected CICS system
Global transient data queue attributes EYUSTARTTDQGBL.TABULAR	Tabular information about transient data queues in CICS systems

Actions

None.

Fields

Table 304. Fields in TDQGBL views

Field	Attribute name	Description
Number of intrapartition accesses	ACCESSCNT	The number of times intrapartition buffers have been accessed.
Number of intrapartition buffers	BUFFERS	The number of intrapartition buffers specified in the system initialization table (SIT) or SIT overrides.
Number of intrapartition buffer waits	BUFFWAITS	The number of times a request was queued because all buffers were allocated to other tasks.
Number of control intervals	CINUM	The number of currently active control intervals.
Control interval size	CISIZE	The size of the control interval, in bytes.
Number of current buffer waits	CURBUFFWAIT	The current number of tasks waiting because no buffers are available.
Number of current buffers with valid data	CURBUFVALDA	The current number of buffers that contain valid data.
Number of current concurrent buffer accesses	CURCONBUFAC	The number of intrapartition buffers currently being accessed.
Number of current concurrent string accesses	CURCONSTRAC	The number of strings currently being accessed.
Number of current string waits	CURSTRWAITS	The current number of tasks waiting because no strings are available.
Number of formatting writes	FMTWRITE	The number of times a new control interval was written at the end of the data set to increase the amount of available space.
Number of I/O errors	IOERRS	The number of I/O errors that occurred on the transient data set.
Number of times NOSPACE occurred	NOSPACECNT	The number of times a NOSPACE condition was encountered.
Number of control intervals in use	NUMCTRLINTV	The current number of control intervals in the intrapartition.
Peak number of intrapartition buffer waits	PEAKBWAIT	The peak number of requests queued because no buffers were available.
Peak number of concurrent intrapartition accesses	PEAKCACCESS	The peak number of intrapartition buffer accesses at any one time.
Peak number of control intervals used	PEAKCIUSE	The peak number of control intervals active at any one time.

Table 304. Fields in TDQGBL views (continued)

Field	Attribute name	Description
Peak number of queues that contain data	PEAKQACTV	The peak number of intrapartition buffers that contained valid data.
Peak number of concurrent string accesses	PEAKSTRACC	The peak number of strings being accessed at any one time.
Peak number of string waits	PEAKSTRWAIT	The peak number of tasks waiting for a string at any one time.
Number of data set reads	READS	The number of times a control interval had to be read from disk.
Number of times string accessed	STRACCESS	The number of times a string was accessed.
Number of strings	STRINGS	The total number of currently active strings.
Number of string waits	STRNGWAITS	The number of times a task had to wait because no strings were available.
Number of writes to data set	WRITES	The number of WRITE I/O requests to the transient data set.

Topology data for transient data queue - CRESTDQ

The **topology data for transient data queues** (CRESTDQ) view displays information about all of the intrapartition, extrapartition, remote and indirect transient data queues within the current context and scope.

Supplied views

To access from the main menu, click:

CICS operations views > **Transient data queue (TDQ) operations views** > **Topology data for transient data queue**

Table 305. Views in the supplied **Topology data for transient data queue** *(CRESTDQ) view set*

View	Notes
Topology data for transient data queue EYUSTARTCRESTDQ.DETAILED	Detailed topology information about an instance of a transient data queue within a CICS system.
Topology data for transient data queue EYUSTARTCRESTDQ.TABULAR	Tabular topology information about an instance of a transient data queue within a CICS system.

Actions

None.

Fields

Table 306. Fields in CRESTDQ views

Field	Attribute name	Description
Enabled status	ENABLESTATUS	The enabled status of the transient data queue, which indicates whether it is available for use. Input values: ENABLED | DISABLED

Table 306. Fields in CRESTDQ views (continued)

Field	Attribute name	Description
Monitoring status	MONSTAT	The status of CICS monitoring in the system. This is a BIT field, the value of which is the sum of a combination of the following values: • 01 - Possible data • 02 - Collect data • 04 - User monitor definition • 08 - System monitor definition • 16 - Resource logically deleted • 32 - Resource status facility active A value of '00' indicates that monitoring is inactive in this system.
TDQ queue	NAME	The CICS 4-character transient data queue name.
Open status	OPENSTATUS	Indicates whether the TD queue is open, closed, or in an intermediate state. This field is only applicable to extrapartition queues. Values are: • OPENING - The queue is in the process of being opened • OPEN - The queue is open • CLOSING - The queue is in the process of being closed • CLOSED - The queue is closed
TD queue type	QTYPE	Indicates the type of the queue. Values are: • INTRA - Intrapartition transient data queue. This data queue is held in a direct-access data set for use with one or more programs running as separate tasks. • EXTRA - Extrapartition transient data queue. This is a sequential data set on tape or a direct-access device accessible by programs outside (or within) the CICS region. • REMOTE - Remote transient data queue. This data queue is defined to the local CICS system, but resides in another CICS system. • INDIRECT - Indirect transient data queue. This data queue represents another, underlying data queue.
TD queue name on remote system	REMOTENAME	The name by which this queue is known in the remote system.
Remote system ID	REMOTESYSTEM	The system ID of the remote CICS system where the queue resides.

Transaction operations views

The transaction operations views show information about CICS and user-defined transactions within the current context and scope.

Local or dynamic - LOCTRAN

The **Local or dynamic transactions** (LOCTRAN) views display information about currently installed local transactions. Information about dynamic transactions that are running locally is also included in the view.

Supplied views

To access from the main menu, click:

CICS operations views > **Transaction operations views** > **Local or dynamic**

Table 307. Views in the supplied **Local or dynamic transactions** *(LOCTRAN) view set*

View	Notes
Local or dynamic transactions EYUSTARTLOCTRAN.DETAIL3	Detailed information about the resource signature.

Table 307. Views in the supplied **Local or dynamic transactions** *(LOCTRAN) view set (continued)*

View	Notes
Local or dynamic transactions EYUSTARTLOCTRAN.DETAILED	Detailed information about a selected transaction.
Local or dynamic transactions EYUSTARTLOCTRAN.DISABLE	Disable a transaction.
Local or dynamic transactions EYUSTARTLOCTRAN.DISCARD	Discard a transaction from the CICS system where it is installed. **Note:** Transactions that have names beginning with C are supplied by CICS and cannot be disabled or discarded.
Local or dynamic transactions EYUSTARTLOCTRAN.ENABLE	Enable a transaction.
Local or dynamic transactions EYUSTARTLOCTRAN.SET	Set attributes according the new values specified in input fields
Local or dynamic transactions EYUSTARTLOCTRAN.TABULAR	Tabular information about transactions in CICS systems.

Actions

Table 308. Actions available for LOCTRAN views

Action	Description
DISABLE	Disable a transaction.
DISCARD	Discard a transaction from the CICS system where it is installed. **Note:** Transactions that have names beginning with C are supplied by CICS and cannot be disabled or discarded.
ENABLE	Enable a transaction.
SET	Set attributes according the new values specified in input fields

Fields

Table 309. Fields in LOCTRAN views

Field	Attribute name	Description
Number of indoubt action mismatches detected	ACTMISMATS	The number of forced indoubt action resolutions that a participating Resource Manager Coordinator (such as DB2, DBCTL, MRO, LU6.1, LU6.2, or RMI) resolved in the opposite way to CICS for this transaction.
Application Name	APPLICATION	The application name of the application for which this LOCTRAN resource is defined. If the OPERATION field is set, this resource is defined as an entry point.
Major Version	APPLMAJORVER	The major version number of the application for which this LOCTRAN resource is defined. If the OPERATION field is set, this resource is defined as an entry point. If this field is set to -1 then the resource is not part of an Application.
Micro Version	APPLMICROVER	The micro version number of the application for which this LOCTRAN resource is defined. If the OPERATION field is set, this resource is defined as an entry point. If this field is set to -1 then the resource is not part of an Application.
Minor Version	APPLMINORVER	The minor version number of the application for which this LOCTRAN resource is defined. If the OPERATION field is set, this resource is defined as an entry point. If this field is set to -1 then the resource is not part of an Application.

Table 309. Fields in LOCTRAN views (continued)

Field	Attribute name	Description
Availability status	AVAILSTATUS	The availability of this LOCTRAN resource when an application entry point is in control of the availability. • AVAILABLE - The application entry point controlling the availability of this LOCTRAN resource is available. • UNAVAILABLE - The application entry point controlling the availability of this LOCTRAN resource is enabled but has not yet been made available. • NONE - There are several reasons for NONE availability. – This LOCTRAN resource is not part of a CICS Application. – No application entry point is controlling the availability of this LOCTRAN resource. – The application entry point controlling the availability of this LOCTRAN resource is disabled. – The application entry point controlling the availability of this LOCTRAN resource is not resident in the same CICS bundle.
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Bridge exit program name	BREXIT	The bridge exit associated with this program.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • SYSTEM - The resource was last changed by the CICS or CICSPlex SM system. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Command level security option	CMDSEC	Indicates whether command security checking is to be applied on system programming commands. Options are CMDSECYES or CMDSECNO.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
Dynamic transaction backout option	DTB	Indicates how uncommitted changes made to recoverable resources by this transaction are handled if the transaction fails (WAIT, COMMIT, or BACKOUT).
Deadlock timeout (seconds)	DTIMEOUT	The deadlock time-out value, in seconds, for suspended tasks associated with this transaction.
Transaction dump option	DUMPING	Indicates whether transaction dumps are taken when the transaction terminates abnormally. Input Values: TRANDUMP, NOTRANDUMP
Model for virtual terminal	FACILITYLIKE	The logical terminal that is associated with this transaction will be built to have the same attributes as the terminal named here, when this transaction is started by the 3270 bridge. If this value is blank and the Profile field is blank, the FACILITYLIKE value could not be determined because the transaction profile was not available.

Table 309. Fields in LOCTRAN views (continued)

Field	Attribute name	Description
Forced actions - in-doubt timeout value exceeded	FORACTINDTO	The number of forced in-doubt action resolutions that have occurred because the transaction definition specifies a timeout value for in-doubt waiting and that value was exceeded.
Forced actions - wait not supported for resources	FORACTNOWT	The number of forced in-doubt action resolutions that have occurred because a recoverable Resource or Resource Manager Coordinator (such as LU6.1, MRO, RMI, DB2, or DBCTL) could not support indoubt waiting.
Forced actions - operator cancelled wait	FORACTOPER	The number of forced in-doubt action resolutions that have occurred because the operator cancelled the wait for in-doubt resolution.
Forced actions - other reasons	FORACTOTHER	The number of forced in-doubt action resolutions that have occurred for reasons other than those listed in this view
Forced actions - in-doubt waiting not supported	FORACTTRNDF	The number of forced indoubt action resolutions that have occurred because the transaction definition does not support in-doubt waiting.
Transaction in-doubt option	INDOUBT	Indicates the action to be taken when a CICS region fails or loses connectivity with its coordinator during two-phase commit processing, and the UOW has entered an indoubt state. If WAIT is specified in the Wait Option field, this field has no effect until the wait time expires. The valid values are: • BACKOUT - All changes made to recoverable resources are backed out and the resources are returned to the state they were in before the start of the UOW • COMMIT - All changes made to recoverable resources are committed and the in-flight UOW is marked as completed.
In-doubt time (minutes)	INDOUBTMINS	The length of time, in minutes, after a failure during the indoubt period, before the task is to take the action indicated in the indoubt Option field (COMMIT or BACKOUT).
In-doubt wait option	INDOUBTWAIT	Indicates whether an indoubt UOW is to wait pending recovery from a failure that occurs after the UOW has entered the indoubt state. The valid values are WAIT and NOWAIT.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • SYSTEM - The resource was installed by the CICS system. • GRPLIST - The resource was installed by GRPLIST INSTALL. • BUNDLE - The resource was installed by a bundle deployment.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Transaction isolation type	ISOLATEST	Indicates whether the user-key task-lifetime storage is isolated from the user-key programs of other transactions: • ISOLATE - The user-key task-lifetime storage is accessible only by the user-key programs of its own task; it is isolated from the user-key programs of all other tasks. • NOISOLATE - The user-key task-lifetime storage is accessible by its own programs, and also by user-key programs of other transactions defined with the ISOLATE(NO) option.
Number of times transaction run locally by DTR	LOCALCNT	The number of times the dynamic transaction routing exit has chosen to run this transaction on the local system. This value is zero if the transaction was not defined as DYNAMIC=YES.
Number of in-doubt waits	NUMINDOUBWT	Specifies the number of times the transaction has waited, due to a failure, during the in-doubt period.

Table 309. Fields in LOCTRAN views (continued)

Field	Attribute name	Description
Operation Name	OPERATION	The name of the application operation for which this LOCTRAN resource is defined as an entry point. If this field is not set, this resource is not defined as an entry point but may still be part of an application.
Object transaction service (OTS) timeout (seconds)	OTSTIMEOUT	The default period in seconds an OTS transaction created in an EJB environment executing under this CICS transaction will be allowed to execute prior to syncpoint.
Platform Name	PLATFORM	The platform name of the application for which this LOCTRAN resource is defined. If the OPERATION field is set, this resource is defined as an entry point.
Transaction priority	PRIORITY	The priority of this transaction relative to other transactions in the CICS system. Input Values: 1 - 255
Transaction profile	PROFILE	The name of the transaction profile. If the profile is not available, this field will be blank.
First program name	PROGRAM	The name of the first program to be executed when this transaction is started.
Purgeability option	PURGEABILITY	Indicates whether the transaction is purgeable in system stall conditions. Input Values: PURGEABLE, NOTPURGEABLE
Number of times transaction run remotely by DTR	REMOTECNT	The number of times the dynamic transaction routing (DTR) exit has chosen to run this transaction on a remote system.
Remote transaction name	REMOTENAME	The name of the transaction as it is defined to a remote system. If this field is blank, the transaction is not defined on a remote system.
Remote system name	REMOTESYSTEM	Specifies the name that identifies the intercommunication link on which the transaction attach request is sent. • For IPIC connections, the first 4 characters of the IPCONN definition are used. • For MRO and APPC connections, the CONNECTION name on the CONNECTION definition is used.
Number of attempted starts on remote system	REMSTARTCNT	The number of attempts to start this transaction on a remote system. This may not be the same as the number of successful starts.
Resource level security status	RESSEC	Indicates the resource security checking option that is in effect for this transaction, as one of the following: • RESSECNO - The transaction is not subject to resource security. • RESSECYES - The transaction is subject to resource security.
Number of times transaction restarted	RESTARTCNT	The number of times the transaction was restarted after an abend, if the RE CEDA keyword was specified.
Route status	ROUTESTATUS	The Routing status for this transaction for EXEC CICS START. ROUTABLE specifies that this transaction can be dynamically routed by the CICS dynamic routing exit. NOTROUTABLE specifies that it cannot be dynanically routed by the CICS dynamic routing exit.
Routing type	ROUTING	Indicates whether dynamic routing is defined for this transaction (STATIC or DYNAMIC).
Read timeout (seconds)	RTIMEOUT	The read time-out value, which is the number of seconds after which a task associated with this transaction is terminated if no input is received. If this value is 0 and the Profile field is blank, then the read time-out value could not be determined because the transaction profile was not available.

Table 309. Fields in LOCTRAN views (continued)

Field	Attribute name	Description
Runaway time (milliseconds)	RUNAWAY	The amount of time, in milliseconds, that a task is allowed to run using this transaction before it is assumed to be in a runaway condition. When this interval expires the task is abnormally terminated. A value of 0 means that no runaway task detection is required.
Source of runaway timeout value	RUNAWAYTYPE	Indicates whether the transaction uses the current system runaway limit or one set by the user: • SYSTEM - The current system runaway limit is used. • USER - The limit set by the user is used.
Screen size	SCRNSIZE	Indicates whether the default or alternate screen size is to be used when this transaction is run. A value of N/A means the screen size could not be determined because the transaction profile was not available.
Shutdown run status	SHUTDOWN	Indicates whether this transaction can be executed during CICS shutdown by a task created to process unsolicited input. (The transaction also can be executed in this situation if it appears in the transaction list table (XLT) for shutdown.) Options are: • SHUTDISABLED - Tasks do not continue to run during shutdown. • SHUTENABLED - Tasks continue to run during shutdown.
Enabled status	STATUS	The enabled status of the transaction, which indicates whether it is available for use. Input Values: ENABLED, DISABLED
Number of storage violations	STGVCNT	The number of storage violations for this transaction that have been detected by CICS storage management.
Storage clearance status	STORAGECLEAR	Indicates whether the storage for a task associated with this transaction is cleared upon release. Options are CLEAR or NOCLEAR.
Task data key	TASKDATAKEY	The storage key in which CICS obtains all storage for use by the transaction. This includes the task lifetime storage (TWA and EIB) and the storage that CICS obtains on behalf of programs that run under the transaction. The options are CICSDATAKEY and USERDATAKEY:
Task data location	TASKDATALOC	Indicates whether certain CICS control blocks for a transaction are acquired above or below the 16MB line (BELOW or ANY).
Tracing type	TRACING	Indicates whether tracing for this transaction is to be special, standard, or suppressed. Input Values: SPECTRACE, STANTRACE, SPRSTRACE
Transaction class name	TRANCLASS	The 8-character name of the transaction class to which this transaction belongs. If the transaction does not belong to any class, the value DFHTCL00 is returned.
Transaction ID	TRANID	The 4-character transaction name.
Transaction routing profile	TRPROF	The name of the profile for transaction routing.
Size in bytes of transaction work area (TWA)	TWASIZE	The size of the associated transaction work area (TWA) in bytes.
Number of times transaction used	USECOUNT	The number of times the transaction has been used.

Remote - REMTRAN

The **Remote transactions** (REMTRAN) views display information about currently installed remote transactions. Remote transactions are transactions that are defined to the local CICS system, but reside in another CICS system.

Supplied views

To access from the main menu, click:

CICS operations views > Transaction operations views > Remote

Table 310. Views in the supplied **Remote transactions** *(REMTRAN) view set*

View	Notes
Remote transactions EYUSTARTREMTRAN.DETAIL1	Detailed information about the resource signature.
Remote transactions EYUSTARTREMTRAN.DETAILED	Detailed information about a selected transaction
Remote transactions EYUSTARTREMTRAN.DISABLE	Disable a remote transaction.
Remote transactions EYUSTARTREMTRAN.DISCARD	Discard a remote transaction from the local CICS system. **Note:** Transactions that have names beginning with C are supplied by CICS and cannot be disabled or discarded.
Remote transactions EYUSTARTREMTRAN.ENABLE	Enable a remote transaction.
Remote transactions EYUSTARTREMTRAN.TABULAR	Tabular information about remote transactions defined to CICS systems.

Actions

Table 311. Actions available for REMTRAN views

Action	Description
DISABLE	Disable a remote transaction.
DISCARD	Discard a remote transaction from the local CICS system. **Note:** Transactions that have names beginning with C are supplied by CICS and cannot be disabled or discarded.
ENABLE	Enable a remote transaction.
SET	Set attributes according to new values specified in input fields.

Fields

Table 312. Fields in REMTRAN views

Field	Attribute name	Description
Application Name	APPLICATION	The application name of the application for which this REMTRAN resource is defined. If the OPERATION field is set, this resource is defined as an entry point.
Major Version	APPLMAJORVER	The major version number of the application for which this REMTRAN resource is defined. If the OPERATION field is set, this resource is defined as an entry point. If this field is set to -1 then the resource is not part of an Application.
Micro Version	APPLMICROVER	The micro version number of the application for which this REMTRAN resource is defined. If the OPERATION field is set, this resource is defined as an entry point. If this field is set to -1 then the resource is not part of an Application.
Minor Version	APPLMINORVER	The minor version number of the application for which this REMTRAN resource is defined. If the OPERATION field is set, this resource is defined as an entry point. If this field is set to -1 then the resource is not part of an Application.

Table 312. Fields in REMTRAN views (continued)

Field	Attribute name	Description
Availability status	AVAILSTATUS	The availability of this REMTRAN resource when an application entry point is in control of the availability. • AVAILABLE - The application entry point controlling the availability of this REMTRAN resource is available. • UNAVAILABLE - The application entry point controlling the availability of this REMTRAN resource is enabled but has not yet been made available. • NONE - There are several reasons for NONE availability. – This REMTRAN resource is not part of a CICS Application. – No application entry point is controlling the availability of this REMTRAN resource. – The application entry point controlling the availability of this REMTRAN resource is disabled. – The application entry point controlling the availability of this REMTRAN resource is not resident in the same CICS bundle.
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • SYSTEM - The resource was last changed by the CICS or CICSPlex SM system. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • SYSTEM - The resource was installed by the CICS system. • GRPLIST - The resource was installed by GRPLIST INSTALL. • BUNDLE - The resource was installed by a bundle deployment.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Operation Name	OPERATION	The name of the application operation for which this REMTRAN resource is defined as an entry point. If this field is not set, this resource is not defined as an entry point but may still be part of an application.
Platform Name	PLATFORM	The platform name of the application for which this REMTRAN resource is defined. If the OPERATION field is set, this resource is defined as an entry point.

Table 312. Fields in REMTRAN views (continued)

Field	Attribute name	Description
Transaction priority	PRIORITY	The priority of this transaction relative to other transactions in the CICS system. Input Values: 1 - 255
Profile name	PROFILE	The name of the profile for the transaction.
Purgeability status	PURGEABILITY	Indicates whether the transaction is purgeable in system stall conditions. Input Values: PURGEABLE, NOTPURGEABLE
Number of times transaction run remotely	REMOTECNT	The number of times the dynamic transaction routing exit chose to run this transaction on a remote system. A value of 0 means the transaction was not defined as DYNAMIC=YES.
Remote transaction ID	REMOTENAME	The name by which this transaction is known in the remote system.
Remote system name	REMOTESYSTEM	Specifies the name that identifies the intercommunication link on which the transaction attach request is sent. • For IPIC connections, the first 4 characters of the IPCONN definition are used. • For MRO and APPC connections, the CONNECTION name on the CONNECTION definition is used.
Number of times transaction started	REMSTARTCNT	The number of times this transaction was started.
Routing status	ROUTING	Indicates whether dynamic routing is defined for this transaction. Options are STATIC or DYNAMIC.
Read timeout (seconds)	RTIMEOUT	The read time-out value, which is the number of seconds after which a task associated with this transaction is terminated if no input is received. If this value is 0 and the Profile field is blank, then the read time-out value could not be determined because the transaction profile was not available.
Screen size	SCRNSIZE	Indicates whether the default or alternate screen size is to be used when this transaction is run. A value of N/A means the screen size could not be determined because the transaction profile was not available.
Enabled status	STATUS	The enabled status of the transaction, which indicates whether it is available for use. Input Values: ENABLED, DISABLED
Transaction class name	TRANCLASS	The 8-character transaction class name.
Transaction ID	TRANID	The name of the transaction as known to the local CICS system.
Name of transaction-routing-session profile	TRPROF	The name of the profile for transaction routing. If this field is blank, the profile is not available.
Number of times transaction has been used	USECOUNT	The number of times the transaction has been used.

Request model - RQMODEL

The **Request models** (RQMODEL) views display information about currently installed request models, which associate inbound IIOP requests with a set of execution characteristics, such as security or priority, and with monitoring and accounting data.

Supplied views

To access from the main menu, click:

CICS operations views > **Transaction operations views** > **Request model**

Table 313. Views in the supplied **Request model** *(RQMODEL) view set*

View	Notes
Request model EYUSTARTRQMODEL.DETAIL1	Detailed information about the resource signature.
Request model EYUSTARTRQMODEL.DETAILED	Detailed information about a selected request model.
Request model EYUSTARTRQMODEL.DISCARD	Discard the request model from the local CICS system.
Request model EYUSTARTRQMODEL.TABULAR	Tabular information about installed request models.

Actions

Table 314. Actions available for RQMODEL views

Action	Description
DISCARD	Discard the request model from the local CICS system.

Fields

Table 315. Fields in RQMODEL views

Field	Attribute name	Description
BAS resource definition version	BASDEFINEVER	The BAS version number of this definition.
Enterprise bean	BEANNAME	The bean name which matches the name of the enterprise bean in the XML deployment descriptor. This field is blank if the request model RTYPE attribute is CORBA.
Last modification agent	CHANGEAGENT	The change agent identifier that made the last modification. • CSDAPI - The resource was last changed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CSDBATCH - The resource was last changed by a DFHCSDUP job. • DREPAPI - The resource was last changed by a CICSPlex SM BAS API command. • DREPBATCH - The resource was last changed by a CICSPlex SM utility. • CREATESPI - The resource was last changed by an EXEC CICS CREATE command. • NOTAPPLIC - This is not applicable for this resource.
Last modification agent release	CHANGEAGREL	The CICS release level of the agent that made the last modification to the resource definition.
Last modification time	CHANGETIME	The local date and time when the definition was last changed.
Last modification user ID	CHANGEUSRID	The user ID that made the last modification to the resource definition.
CorbaServer	CORBASERVER	Specifies the name of the destination CorbaServer for this request model.
Source of the resource definition	DEFINESOURCE	The source of the definition, depending on which agent made the last change.
Creation time	DEFINETIME	The local date and time when the resource definition record was created on DFHCSD or EYUDREP.

Table 315. Fields in RQMODEL views (continued)

Field	Attribute name	Description
Installation agent	INSTALLAGENT	The install agent identifier that made the installation. • CSDAPI - The resource was installed by a CEDA transaction, by the programmable interface to DFHEDAP or by an EXEC CICS CSD command. • CREATESPI - The resource was installed by an EXEC CICS CREATE command. • GRPLIST - The resource was installed by GRPLIST INSTALL.
Installation time	INSTALLTIME	The local date and time when the definition was installed.
Installation user ID	INSTALLUSRID	The user ID that installed the resource definition.
Interface name	INTERFACE	This specifies a name of up to 255 characters matching the IDL interface name. This field is blank if the request model RTYPE attribute is EJB.
Java interface type	INTFACETYPE	This specifies the Java interface type for this Request Model: • HOME - specifies that this is the home interface for the bean • REMOTE - specifies that this is the remote interface for the bean • BOTH - matches both the home and remote interfaces for the bean
Module name	MODULE	This specifies a name of up to 255 characters matching the IDL module name (which defines the name scope of the OMG interface and operation). This field is blank if the request model RTYPE attribute is EJB.
Request model name	NAME	The name of the request model.
Object management group (OMG) interface name	OMGINTERFACE	This defines a pattern which may match the interface name.
Object management group (OMG) module name	OMGMODULE	This defines a pattern which is used to match the qualified module name in the inbound IIOP request. The request model that provides the most precise match is the one selected.
Object management group (OMG) operation name	OMGOPERATION	This defines a pattern which matches the Omg operation name.
Operation name	OPERATION	The full IDL Operation or bean method name.
Request model type	RTYPE	• EJB - matches enterprise bean requests as specified by the enterprise bean parameters. • CORBA - matches CORBA requests as specified by the CORBA parameters. • GENERIC - matches both enterprise bean and CORBA requests.
CICS transaction ID	TRANSID	This defines the CICS transaction ID that is to be executed if this model is selected as the least generic match to the inbound request. There is no guarantee that the transaction ID is that of a valid CICS transaction.

Topology data - CRESTRAN

The **Topology data for transactions** (CRESTRAN) views display topology information about currently installed local and remote transactions.

Supplied views

To access from the main menu, click:

CICS operations views > **Transaction operations views** > **Topology data**

Table 316. Views in the supplied **Topology data for transactions** *(CRESTRAN) view set*

View	Notes
Topology data for transactions EYUSTARTCRESTRAN.DETAILED	Detailed topology information about currently installed local and remote transactions.

Table 316. Views in the supplied **Topology data for transactions** *(CRESTRAN) view set (continued)*

View	Notes
Topology data for transactions EYUSTARTCRESTRAN.TABULAR	Tabular topology information about currently installed local and remote transactions.

Actions

None.

Fields

Table 317. Fields in CRESTRAN views

Field	Attribute name	Description
Enabled status	ENABLESTATUS	The enabled status of the transaction, which indicates whether it is available for use. Input values: ENABLED | DISABLED
Transaction monitoring status	MONSTAT	The status of CICS monitoring in the system. This is a BIT field, the value of which is the sum of a combination of the following values: • 01 - Possible data • 02 - Collect data • 04 - User monitor definition • 08 - System monitor definition • 16 - Resource logically deleted • 32 - Resource status facility active A value of '00' indicates that monitoring is inactive in this system.
Transaction ID	NAME	The 4-character transaction name.
First program name	PGMNAME	The name of the first program to be executed when this transaction is started.
Transaction ID on remote system	REMOTENAME	The name by which this transaction is known in the remote system.
Remote system ID	REMOTESYSTEM	The system ID of the CICS system where the remote transaction resides.
Transaction type	TTYPE	Indicates whether the transaction is defined as local or remote.

Unit of work (UOW) operations views

The unit of work (UOW) operations views show information about units of work that are executing within the current context and scope.

Unit of work - UOW

The **unit of work** (UOW) views display information about currently executing units of work.

Supplied views

To access from the main menu, click:

CICS operations views > Unit of work (UOW) operations views > Unit of work

Table 318. Views in the supplied **Unit of work** *(UOW) view set*

View	Notes
Unit of work EYUSTARTUOW.BACKOUT	Perform syncpoint backout processing.
Unit of work EYUSTARTUOW.COMMIT	Perform syncpoint commit processing.
Unit of work EYUSTARTUOW.DETAIL1	Details of object transaction service (OTS) transaction ID.
Unit of work EYUSTARTUOW.DETAILED	Detailed information about a selected unit of work.
Unit of work EYUSTARTUOW.FORCE	Force unit of work backout or commit.
Unit of work EYUSTARTUOW.SET	Set attributes according to the new values specified in input fields
Unit of work EYUSTARTUOW.TABULAR	Tabular information about units of work in CICS systems.

Actions

Table 319. Actions available for UOW views

Action	Description
BACKOUT	Perform syncpoint backout processing.
COMMIT	Perform syncpoint commit processing.
FORCE	Force unit of work backout or commit.
SET	Set attributes according to the new values specified in input fields

Fields

Table 320. Fields in UOW views

Field	Attribute name	Description
Time in current wait state (seconds)	AGE	Indicates the number of seconds since the unit of work entered its current wait state.
Netname of remote system that caused wait	LINK	When the Wait Cause field contains a value of CONNECTION, this field displays the ID of the system involved. If the sysid has been discarded, or for other Wait Cause values, this field remains blank.
Netname of link causing UOW wait/shunt	NETNAME	When the Wait Cause field contains a value of CONNECTION, this field displays the netname of the link which caused the unit of work to wait or be shunted. For other Wait Cause values, this field remains blank.
LU 6.2 network-wide name for UOW	NETUOWID	The LU6.2 name for the unit of work within this network.
Object transaction service (OTS) transaction ID	OTSTID	Indicates the transaction identifier (TID) of the OTS transaction of which the UOW is a part. If the OTS name has fewer than 128 bytes, it is padded on the right with binary zeros.
System ID of connection that caused wait	SYSID	When the Wait Cause field contains a value of CONNECTION, this field displays the ID of the system involved. If the connection has been discarded, or for other Wait Cause values, this field remains blank.

Table 320. Fields in UOW views (continued)

Field	Attribute name	Description
Task originally associated with UOW	TASKID	Indicates the task number associated with this unit of work.
Terminal from which this UOW was started	TERMID	Indicates the ID of the terminal or session from which this unit of work was started.
Transaction that started UOW	TRANSID	Indicates the ID of the transaction which started this unit of work.
Local unit of work (UOW) ID	UOWID	Indicates the ID of the local unit of work (UOW).
UOW status	UOWSTATE	Indicates the state of the unit of work. Options are: • BACKOUT - This UOW is being backed out, or has failed to back out one or more of the recoverable resources involved in the UOW • COMMIT - A decision to commit the UOW has been made, but the UOW is waiting or has been shunted • FORCE - An attempt is being made to force the UOW to back out or commit • HEURBACKOUT - The UOW has been forcibly backed out • HEURCOMMIT - The UOW has been forcibly committed • INDOUBT - This UOW is in the in-doubt state • INFLIGHT - The UOW is running normally
User that started transaction	USERID	Indicates the user ID from which this transaction was started.
Cause of wait	WAITCAUSE	Identifies the type of resource that caused the unit of work to wait or be shunted: • NOTAPPLIC - The UOW is not waiting • CONNECTION - Failure of a session to the coordinator of the UOW during the in-doubt period • DATASET - Failure associated with one or more data sets • OTSCOORD - Failure of a session to the OTS coordinator • RLSSERVER - Failure of an RLS server • WAITRRMS - Communication has been lost with RRS/MVS • WAITCOMMIT - Failure occurred during commit processing • WAITFORGET - Waiting for FORGET from participants in the syncpoint • WAITRMI - Waiting for FORGET from the RMI
Wait status	WAITSTATE	Indicates the wait state of the unit of work. Options are ACTIVE, SHUNTED, WAITING.

Unit of work shunted and holding data set locks - UOWDSNF

The **Units of work shunted and holding data set locks** (UOWDSNF) views display information about shunted units of work.

Supplied views

To access from the main menu, click:

CICS operations views > **Unit of work (UOW) operations views** > **Unit of work shunted and holding data set locks**

Table 321. Views in the supplied **Unit of work shunted and holding data set locks** *(UOWDSNF) view set*

View	Notes
Unit of work shunted and holding data set locks EYUSTARTUOWDSNF.DETAILED	Detailed information about a selected shunted unit of work
Unit of work shunted and holding data set locks EYUSTARTUOWDSNF.TABULAR	Tabular information about shunted units of work in CICS systems.

Actions

None.

Fields

Table 322. Fields in UOWDSNF views

Field	Attribute name	Description
Failed component which caused this failure	CAUSE	Indicates which failed component caused the shunted unit of work to have retained locks for this data set. The valid values are: • CACHE - The cache structure, or connection to it, has failed. • RLSSERVER - The SMSVSAM server has failed. • CONNECTION - There is an intersystem connection error, which caused the unit of work to fail while in-doubt. • DATASET - The backout of a unit of work failed for this data set. • UNDEFINED - The unit of work is probably inflight following an emergency restart
Data set name with retained locks	DSNAME	The name of the data set with retained locks for this shunted unit of work.
Netname of remote system where connection lost	NETNAME	When the Cause field contains a value of CONNECTION, this field provides the netname of the remote system to which connectivity has been lost.
Specific reason for error	REASON	When the CAUSE field contains a value of RLSSERVER or DATASET, then this field indicates the reason for the error against this data set. The valid values are: • COMMITFAIL - An error occurred when locks were being released. • BACKUPNONBWO - A non-BWO backup was in progress while the unit of work was being backed out. • DATASETFULL - No space is available on the direct access device for adding records to a data set. • DEADLOCK - A deadlock was detected (non-RLS data sets only). • DELEXITERROR - Backout of a write to an ESDS failed. • FAILEDBKOUT - A severe error in CICS occurred. • INDEXRECFULL - A larger alternate index record size needs to be defined for the data set, or a unique alternate index key (for a non-RLS data set) has been reused and CICS is backing out the request that removed that key value. • IOERROR A hard I/O error occurred. • NOTAPPLIC - This field is not applicable because the Cause field does not contain a value of RLSSERVER or DATASET. • OPENERROR - Error opening file or backout file. • RLSGONE - An error occurred when backing out the unit of work, due to the RLS server being inactive. • LCKSTRUCFULL - An attempt to acquire a lock during backout of an update to this data set failed because the RLS lock structure was full. • INDOUBT - The unit of work had issued recoverable requests against the data set, and has now failed in-doubt. • RRINDOUBT - The unit of work had issued repeatable read requests against the data set, and has now failed with an in-doubt condition. • RRCOMMITFAIL - An error occurred while RLS locks for the unit of work were being released.
Mode in which data set last opened	RLSACCESS	Indicates whether the data set was last opened in this CICS region in RLS mode (RLS) or non-RLS mode (NOTRLS).
Name of remote system where connection lost	SYSID	When the Cause field contains a value of CONNECTION, this field provides the system identifier of the remote system to which connectivity has been lost.
Unit of work (UOW) ID	UOWID	The identifier of a shunted unit of work that has one or more data sets with retained locks.

Unit of work enqueue - UOWENQ

The **Units of work enqueues** (UOWENQ) views display information about active and retained enqueues held for executing units of work.

Supplied views

To access from the main menu, click:

CICS operations views > **Unit of work (UOW) operations views** > **Unit of work enqueue**

Table 323. Views in the supplied **Unit of work enqueue** *(UOWENQ) view set*

View	Notes
Unit of work enqueue EYUSTARTUOWENQ.DETAILED	Detailed information about a selected unit of work enqueue
Unit of work enqueue EYUSTARTUOWENQ.TABULAR	Tabular information about units of work enqueues

Actions

None.

Fields

Table 324. Fields in UOWENQ views

Field	Attribute name	Description
Address of EXEC enqueue argument	ENQADDRESS	The address of the enqueue argument passed on an EXEC CICS ENQ request for resources of type EXECENQADDR. For all other resource types, the value is zero.
Number of enqueue failures since last acquire	ENQFAILS	The number of failed enqueue attempts for this resource since the enqueue was last acquired. In other words, the number of units of work that have received a LOCKED response due to this enqueue being held in retained state. For active enqueues, the value is zero.
ENQ scope name	ENQSCOPE	This identifies the optional four character enqueue scope name.
Network-wide LU6.2 unit of work (UOW) id	NETUOWID	The LU6.2 name for the unit of work that owns or is waiting for the enqueue.
Resource name qualifier	QUALIFIER	The optional 1-255 character qualifier that further identifies the resource associated with the enqueue.
Length of resource qualifier (bytes)	QUALLEN	The length of the qualifier of the resource associated with the enqueue.
Owner or task waiting	RELATION	Indicates whether the data is associated with the owner of the enqueue (OWNER) or a task waiting for the enqueue (WAITER).
Length of resource name (bytes)	RESLEN	The length of the name of the resource associated with the enqueue.
Resource name	RESOURCE	The 1-255 character name of the resource associated with the enqueue lock. The data returned in this field depends on the TYPE of the enqueue.
Enqueue type	STATE	Indicates the state that the enqueue is held in (ACTIVE, RETAINED).
Task number associated with UOW	TASKID	The task number of the task associated with the unit of work. If the unit of work is shunted, this is the task number associated with the unit of work before it was shunted.

Table 324. Fields in UOWENQ views (continued)

Field	Attribute name	Description
Transaction ID associated with UOW	TRANSID	The transaction identifier associated with the unit of work. If the unit of work is shunted, this is the transaction ID associated with the unit of work before it was shunted.
Resource type	TYPE	Identifies the type of resource for which enqueue data is provided (DATASET, EXECENQ, EXECENQADDR, FILE, TDQUEUE, TSQUEUE)
Unit of work (UOW) ID	UOWID	The local ID of the unit of work that owns or is waiting for the enqueue.

Unit of work link - UOWLINK

The **Unit of work link** (UOWLINK) views display information about links between units of work and CICS systems or external resource managers.

Supplied views

To access from the main menu, click:

CICS operations views > Unit of work (UOW) operations views > Unit of work link

Table 325. Views in the supplied **Unit of work link** *(UOWLINK) view set*

View	Notes
Unit of work link EYUSTARTUOWLINK.DELETE	Deletes the link between a unit of work and a CICS system or external resource manager.
Unit of work link EYUSTARTUOWLINK.DETAIL1	Detailed information about a selected unit of work link.
Unit of work link EYUSTARTUOWLINK.DETAILED	Detailed information about a selected unit of work link.
Unit of work link EYUSTARTUOWLINK.TABULAR	Tabular information about units of work links.

Actions

Table 326. Actions available for UOWLINK views

Action	Description
DELETE	Deletes the link between a unit of work and a CICS system or external resource manager.
SET	Set attributes according to new values specified in input fields

Fields

Table 327. Fields in UOWLINK views

Field	Attribute name	Description
XID Branch Qualifier	BRANCHQUAL	A 64-character area containing the branch qualifier identifier portion of the X/Open transaction identifier associated with this link's unit of work.
TCP/IP host address	HOST	The host name.

Table 327. Fields in UOWLINK views (continued)

Field	Attribute name	Description
Link token	LINK	Indicates, for a TYPE value of CONNECTION, the 8-character netname of the remote system. For a TYPE value of RMI, LINK returns the entry name of the task-related user exit. For a TYPE value of CFTABLE, LINK displays the 8-character name of the coupling facility data table pool. For a type value of IIOP, LINK displays blanks; the equivalent information for IIOP UOWLINKs is displayed by the HOST attribute. For a TYPE value of IPCONN, LINK displays the 8-character APPLID of the remote system.
Netname of remote system, global user exit name or JVM server name	LINKNAME	When the Type field contains a value of CONNECTION, this field identifies the connection for which link data is being returned. When the Type field contains a value of RMI, this field identifies the entry name of the task-related user exit for which the link data is being returned. When the Type field contains a value of JVMSERVER, this field contains the name of the JVM server.
Network-wide LU 6.2 name of UOW	NETUOWID	The network-wide LU6.2 ID of the unit of work for which link data is being returned.
TCP/IP port number	PORT	The port number on which the host is listening. It is only set if the protocol is IPIC and the remote host is an CICS region.
Link protocol	PROTOCOL	Indicates the communications protocol being used by the connection. The valid values are: • APPC - Advanced Program to Program Communications. • IRC - InterRegion Communications. • LU61 - LUTYPE 6.1 • RRMS - Unit of Work is being coordinated by RRMS/MVS • IPIC - IP Interconnectivity, relating to IPCONN connections • OTS - An Object transaction service (OTS) link. • NOTAPPLIC - This is an RMI connection
Resynchronization status	RESYNCSTATUS	Indicates the resynchronization status of the link. The valid values are: • COLD - The link was cold started by the partner • OK - The link is operating normally. • STARTING - The link is in the process of starting. • UNAVAILABLE - The link is not currently available • UNCONNECTED - There is no associated connection. • NOTAPPLIC - The connection was not created using recovery protocols. It could be an RMI, an APPC single-session, an APPC synclevel 1 connection, an IPCONN, or a CFDT server.
Entry qualifier of task related user exit	RMIQFY	When the Type field contains a value of RMI, this field provides the RMI entry qualifier.
Role of connection	ROLE	Indicates the role of the connection. The valid values are: • COORDINATOR - This connection is to the syncpoint coordinator for the unit of work. • SUBORDINATE - This connection is to a syncpoint subordinate for the unit of work. • UNKNOWN - The syncpoint role of this connection has not been determined.
RRMS Unit of recoverable work ID	RRMSURID	The Unit of Recovery ID/token given to CICS by RRMS.
Name of remote system	SYSID	When the TYPE field contains a value of CONNECTION, this field identifies the remote system for which link data is being returned.

Table 327. Fields in UOWLINK views (continued)

Field	Attribute name	Description
Resource type	TYPE	Identifies the type of connection. • CFTABLE - A connection to a CFDT server. • CONNECTION - A connection defined in a CONNECTION resource definition. • IPCONN - A connection defined in an IPCONN resource definition. • JVMSERVER - A connection to a WebSphere Liberty Profile using JTA. • RMI - A connection to an external resource manager using the resource manager interface (RMI).
Unit of work (UOW) ID	UOWID	The local identifier for this unit of work.
XID Global Transaction Identifier	XID	A 64-character area containing the global transaction identifier portion of the X/Open transaction identifier associated with this link's unit of work.

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Programming Interfaces that allow the customer to write programs to obtain the services of CICS Transaction Server for z/OS®, Version 5 Release 4 are included in the following sections of the online product documentation:

- Developing applications
- Developing system programs
- RACF security overview
- Developing for external interfaces
- Reference: application developmenth
- Reference: system programming
- Reference: connectivity

Information that is NOT intended to be used as a Programming Interface of CICS Transaction Server for z/OS, Version 5 Release 4 , but that might be misconstrued as Programming Interfaces, is included in the following sections of the online product documentation:

- Troubleshooting and support
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- Application Programming Guide and Application Programming Reference
- Business Transaction Services
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- Debugging Tools Interfaces Reference
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