

CICS Transaction Server for z/OS
Version 5 Release 6

CICSplex SM Monitor Views Reference



Note

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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, and so on.

The monitor and history 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. Overview of the CICSplex SM monitor views

The CICSplex SM monitor views provide a single-system image of the CICS resources for which resource monitoring has been requested.

Note:

1. Monitoring data is available only for resources that are currently being monitored by CICSplex SM. For information about defining the resources to be monitored, see [Defining resource monitoring attributes](#).
2. Monitoring data is not available for systems running CICS for Windows.

The monitor views provide two types of information:

- CICS COLLECT STATISTICS data
- CICSplex SM derived values

What are derived values?

Derived values are the result of CICSplex SM processing CICS statistics to produce rates, averages, and percentages. These values are reported for two different time periods:

- The *sample interval* is the period of time for which data is collected for a resource. When resource monitoring is set up, the sample interval indicates how frequently data should be collected. Once monitoring begins, data is displayed after the first full sample interval.
- The *monitor interval* is the length of time for which data from the sample intervals is to be accumulated and averaged. At the end of the monitor interval, the CICSplex SM statistics counters are automatically reset.

The derived values in a monitor view appear under field names that begin with one of the following:

CS or CURR

Current Sample. This value reflects data collected during the most recent sample interval.

MI or INTV

Monitor Interval. This value reflects the data accumulated thus far in the monitor interval.

Support for generic names

CICSplex SM supports the use of generic names in many of its commands. For example, you can specify that all transactions whose names begin with the letters "DNW" are to be monitored once every 300 seconds. You do not have to name each transaction individually.

The rules governing use of generic names are as follows:

- The asterisk character (*) can be used in place of one or more characters. It can appear once only in any name, and must appear at the end of any partial string. For example, the string "DNW*" means all names beginning with the letters DNW.
- The plus sign (+) can replace any single character and can occur in any position in the name. For example, "DNW+++L" means any name of 7 characters starting with the letters DNW and ending with the letter L.

Availability for CICS releases

Some views, actions, or fields are not available for all of the supported CICS releases. The online help for views, actions commands, 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. When you click an action or a field that is

not available for the release of CICS on which your CICS system is running, the following message is displayed:

```
EYUEI0596E  Action 'action name' for 'sysname' not supported for  
             this release of CICS
```

where:

action name

is the action or the field name.

sysname

is the CICS system for which you made the attempt.

Chapter 2. CICS monitoring views

This section describes the monitoring views supplied with the CICSplex SM Web User Interface (WUI).

Active monitor specifications - POLMON

The **Active monitor specifications** (POLMON) views display information about monitor specifications installed in CICS systems known to the CICSplex identified as the current context.

Supplied views

There are no POLMON supplied views.

Actions

Table 1. Actions available for POLMON views	
Action	Description
DEACTIVATE	Deactivate an active monitor specification for which a time period is defined. The status of the definition changes to pending.
DISCARD	Discard an active or pending monitor definition from the CICS system in which it is installed.

Fields

Table 2. Fields in POLMON views		
Field	Attribute name	Description
Activation period	ACTIVETIME	The time period for which the monitor specification will be active. If this field is blank, the monitor specification remains active as long as the CICS system in which it is installed is running.
Monitoring inclusion status	INCLUDE	Indicates whether the resource identified in the resource name and type fields are to be included in or excluded from CICSplex SM monitoring.
Definition name	NAME	The name of the monitor definition.
Monitoring resource class	RESCLASS	The monitor resource class. Options are: MCICS, MCONN, MGLBL, MDBX, MFILE, MJRNL, MPROG, MTDQS, MTERM, MTRAN.
Resource name pattern	RESNAME	The name of the resource(s) to which the monitor definition applies. A name that includes an asterisk (*) or plus signs (+) is a generic name and may represent multiple resources.
Resource status facility monitoring status	RODMPOP	Indicates whether the resource(s) identified in the resource name and type fields are to be identified to and monitored by the resource status facility. Input Values: YES NO
Definition status	STATUS	Indicates whether the definition is active or pending.

CICS region monitoring views

The CICS region monitoring views show information about the CICS systems within the current context and scope. Note: This monitor data is available only for CICS systems that are being monitored by

CICSplex SM. Information for the MTRNCLS view is available only for CICS systems where global resources are being monitored.

Monitor data for DSA - MCICSDSA

The **Monitor dynamic storage areas** (MCICSDSA) views show general information about dynamic storage areas (DSAs) within monitored CICS systems.

Supplied views

To access from the main menu, click:

Monitoring views > CICS region monitoring views > Monitor data for DSA

Table 3. Views in the supplied Monitor data for DSA (MCICSDSA) view set	
View	Notes
Monitor data for DSA EYUSTARTMCICSDSA.DETAILED	Detailed information about a selected dynamic storage area.
Monitor data for DSA EYUSTARTMCICSDSA.DISCARD	Removes a DSA from monitoring for the current sample interval and discards its accumulated statistics.
Monitor data for DSA EYUSTARTMCICSDSA.RESET	Reset all Monitoring instance attributes.
Monitor data for DSA EYUSTARTMCICSDSA.TABULAR	Tabular information about dynamic storage areas (DSAs) within each monitored CICS system.

Actions

Table 4. Actions available for MCICSDSA views	
Action	Description
DISCARD	Removes a DSA from monitoring for the current sample interval and discards its accumulated statistics.
RESET	Reset all Monitoring instance attributes.

Fields

Table 5. Fields in MCICSDSA views		
Field	Attribute name	Description
Storage key	ACCESSTYPE	The type of access for this dynamic storage area (CICS, USER, or READONLY). If storage protection is not active, all storage areas have an access type of CICS except those in the ERDSA.
Number of Add Subpool requests	ASUBTOTL	The number of requests to create a domain or task subpool from this dynamic storage area.
Cumulative number of common subspace users	CUMCMNSSUSRS	The cumulative number of common subspace users.
Cumulative number of unique subspace users	CUMUNQSSUSRS	The cumulative number of unique subspace user requests for this CICS execution.
Current number of common subspace users	CURCMNSSUSRS	The current number of common subspace user requests.
Free storage for current sample (%)	CURFRESTG	The percentage of free storage in this dynamic storage area during the last sample period. This field is not applicable to GCDSA.
Current DSA allocated above/below 16M line	CURRALLOC	Current DSA size expressed in bytes.

Table 5. Fields in MCICSDSA views (continued)		
Field	Attribute name	Description
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.
Number of Delete Subpool requests	DSUBTOTL	The number of requests to delete a domain or task subpool from this dynamic storage area.
Number of FREEMAIN requests	FREMTOTL	The number of FREEMAIN requests from this dynamic storage area.
Number of GETMAIN requests	GETMTOTL	The number of GETMAIN requests from this dynamic storage area.
Peak DSA allocated above/below 16M line	HWMALLOC	Contains the peak page storage allocated to support the storage requirements of this subpool.
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	Largest amount of storage that was free for this CICS execution. This field is not applicable to GCDSA.
Peak number of unique subspace users	HWMUNQSSUSRS	The largest number of unique subspace user requests at any one time.
Interval ID	INTERVALID	The ID of the monitor interval.
Free storage for monitor interval (%)	INTFRESTG	The average percentage of free storage in this dynamic storage area over the monitor interval. This field is not applicable to GCDSA.
Maximum size of DSA	LIMIT	The maximum amount of storage, as a total number of bytes, within which CICS can dynamically allocate storage for the four individual DSAs that reside below the 16M boundary.
Dynamic storage area (DSA) location	LOCATION	Indicates where this dynamic storage area is located, either above or below the 16MB line. For GCDSA, the value is NOTAPPLIC.
Smallest amount of free storage available	LWMFREE	The smallest amount of storage that was free for this CICS execution. This field is not applicable to GCDSA.
Dynamic storage area (DSA)	NAME	The name of the dynamic storage area, as one of the following: <ul style="list-style-type: none"> • CDSA, UDSA, ECDSA, EUDSA, ERDSA • RDSA, SDSA, ESDSA, GCDSA
Number of times NOSTORAGE returned	NSTGTOTL	The number of times a GETMAIN request with SUSPEND(NO) returned an insufficient storage condition.
Number of current suspended storage requests	NSTGTSUSP	The number of GETMAIN requests currently suspended for insufficient storage.
Percentage of available total storage	PCTFREE	Available percent of total space of DSA. This value is calculated from the DSA or EDSA limit size value.
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.
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.
DSA 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.

Table 5. Fields in MCICSDSA views (continued)		
Field	Attribute name	Description
Free storage size	STGFSIZE	The amount of free storage, including the cushion, in this dynamic storage area. This field is not applicable to GCDSA.
Peak size of DSA	STGHWMM	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. This field is not applicable to GCDSA.
Number of current subpools	STGNSUBP	The current number of domain or task subpools in this dynamic storage area.
Storage protection active	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 either the cushion is currently in use or there is at least one task suspended for storage.
Total time CICS was short on storage	STGSOST	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.
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	TIMWAITMVS	The total amount of time that CICS has been waiting for storage in this dynamic storage area.
Transaction isolation status	TRNISOLATION	Indicates if the storage of programs that are defined with EXECKEY(USER) are protected from other EXECKEY(USER) programs for the lifetime of the task.

CICS regions - MCICSRGN

The **Monitor data for CICS region** (MCICSRGN) views display information about monitored CICS systems.

Supplied views

To access from the main menu, click:

Monitoring views > CICS region monitoring views > CICS regions

Table 6. Views in the supplied Monitor data for CICS regions (MCICSRGN) view set	
View	Notes
Monitor data for CICS regions EYUSTARTMCICSRGN.DETAIL1	Detailed information about a selected CICS system.
Monitor data for CICS regions EYUSTARTMCICSRGN.DETAILED	Detailed information about a selected CICS system.
Monitor data for CICS regions EYUSTARTMCICSRGN.DISCARD	Removes a CICS system from CICSplex SM monitoring for the current sample period and discards its accumulated statistics.
Monitor data for CICS regions EYUSTARTMCICSRGN.RESET	Resets the CICSplex SM statistics counters associated with the CICS system to 0.

Table 6. Views in the supplied Monitor data for CICS regions (MCICSRGN) view set (continued)	
View	Notes
Monitor data for CICS regions EYUSTARTMCICSRGN.TABULAR	Tabular information about monitored CICS systems.

Actions

Table 7. Actions available for MCICSRGN views	
Action	Description
DISCARD	Removes a CICS system from CICSplex SM monitoring for the current sample period and discards its accumulated statistics.
RESET	Resets the CICSplex SM statistics counters associated with the CICS system to 0.

Fields

Table 8. Fields in MCICSRGN views		
Field	Attribute name	Description
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.
Autoinstall enabled status	AINSSTAT	The status of the autoinstall process (ENABLED or DISABLED).
Maximum number of active tasks	AMAXTASKS	The maximum number of active tasks.
CICS status	CICSSTATUS	The current status of this CICS system, as one of the following: <ul style="list-style-type: none"> STARTUP - The CICS system is being started. ACTIVE - The CICS system is active. FIRSTQUIESCE - The CICS system has begun its termination process. FINALQUIESCE - The CICS system is in the final stages of termination.
Total CPU time used	CPUTIME	The amount of CPU time, in seconds, used by this CICS system since start of the current monitor interval.
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.
AMAX rate for current sample	CURAMAXRATE	The AMAX rate for the current sample
CPU usage during last sample period	CURCPUPER	The rate of CPU usage by this CICS system during the last sample period.
Peak AMAX rate for current sample	CURPAMAXRATE	The peak AMAX rate for the current sample.
Page-in rate for current sample	CURPGIRATE	The rate of page-in requests by this CICS system during the last sample period.
Page-out rate for current sample	CURPGORATE	The rate of page-out requests by this CICS system during the last sample period.
Peak task rate for current sample	CURPTSKRATE	The peak task rate for current sample.
Current number of queued user transactions	CURQUEDUSRTR	The number of user transactions currently queued for the transaction class.
Time currently queued transactions waiting	CURQUETIME	The time spent waiting by those transactions that are currently queued for the transaction class.

Table 8. Fields in MCICSRGN views (continued)		
Field	Attribute name	Description
Current number of user tasks eligible for dispatch	CURRAMAX	The current number of user tasks that are eligible for dispatching.
Current number of tasks	CURRTASKS	The current number of tasks active in the system, including all system and user tasks.
Start I/O rate for current sample	CURSIORATE	The rate of start I/O (SIO) requests by this CICS system during the last sample period.
Task rate for current sample	CURTASKRATE	The rate of task execution in the system during the last sample period.
Number of MVS task control blocks (TCBs)	CUTCBCNT	The number of MVS task control blocks (TCB) attached by CICS in this region.
Total MVS storage wait time	DSGTOTMT	The total time spent in MVS storage waits.
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
External security manager option	EXTSEC	Indicates whether an external security manager (ESM) is active in this system.
AMAX rate for interval	INTAMAXRATE	The AMAX rate for the interval.
Average CPU usage over monitor interval	INTCPUPER	The average rate of CPU usage by this CICS system over the monitor interval.
Interval ID	INTERVALID	The ID of the monitor interval.
Peak AMAX rate for interval	INTPAMAXRATE	The peak AMAX rate for the current interval.
Page-in rate for monitor interval	INTPGIRATE	The average rate of page-in requests by this CICS system over the monitor interval.
Page-out rate for monitor interval	INTPGORATE	The average rate of page-out requests by this CICS system over the monitor interval.
Peak task rate for interval	INTPTSKRATE	Peak task rate for the interval.
Start I/O rate for monitor interval	INTSIORATE	The average rate of start I/O (SIO) requests by this CICS system over the monitor interval.
Task rate for interval	INTTASKRATE	The average rate of task execution in the system over the monitor interval.
Transactions run since last CPSM statistics reset	INTVTRANS	The number of tasks run since the last CPSM statistics reset.
Interregion communication (IRC) status	IRCSTAT	The Interregion communication (IRC) status: OPEN, CLOSED, CLOSING, or IMMCLOSING
Job name	JOBNAME	The MVS jobname of this CICS system.
Last statistics reset time	LASTRESET	The time that the statistics fields were last reset. This is expressed in local time.
Number of times peak 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 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.

Table 8. Fields in MCICSRGN views (continued)		
Field	Attribute name	Description
Total time to remove not-in-use programs	LOADTNIU	The total amount of time spent on the Not-in-Use (NIU) queue by all programs.
Total load waiting time	LOADWAIT	The total amount of time suspended tasks spent waiting for loader domain requests to be satisfied.
Number of tasks that have waited 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 current number of logical units in session.
Highest number of LUs logged on at any one time	LUHWM	The highest number of logical units in session at any one time.
Maximum number of active and suspended tasks	MAXTASKS	The maximum number of tasks, both active and suspended, allowed in the system at one time.
Number of times MAXTASK limit reached	MAXTRCNT	The number of times the MAXTASK limit has been reached.
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.
MVS system ID	MVSSYSID	The system ID of the MVS system where this CICS is running.
z/OS level	OSLEVEL	The level of the z/OS 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 z/OS then blanks will be displayed in this field.
Number of page-in requests	PAGEIN	The number of page-in requests made by this CICS since start of the current monitor interval.
Number of page-out requests	PAGEOUT	The number of page-out requests made by this CICS since start of the current monitor interval.
Peak number of user tasks eligible for dispatch	PEAKAMAX	The peak value of the number of user tasks concurrently eligible for dispatching at any one time.
Peak number of tasks in system	PEAKTASKS	The peak value of the number of tasks concurrently in the system at any one time.
Peak number of active user transaction	PEKACTVUSRTR	The highest number of user transactions active in the transaction class at any one time.
Peak number of queued user transactions	PEKQUEDUSRTR	The highest number of user transactions queued for the transaction class at any one time.
Last reset time	PLASTRESET	The last reset time. This is 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 uses of any program by the CICS system	PRGMUCNT	The number of uses of any program by this CICS system.
Current 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.
Number of failed program autoinstall attempts	PROGAUTOFAIL	The number of program autoinstall requests that have failed.
Number of times autoinstall prog request rejected	PROGAUTOXREJ	The number of times autoinstall program request were rejected
Persistent sessions error count	PRSSERRORCNT	The total number of persisting 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 INQUIRE OPTCD=PERSESS

Table 8. Fields in MCICSRGN views (continued)		
Field	Attribute name	Description
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 persisting sessions that were successfully restored.
Number of persistent sessions that were terminated	PRSSUNBNCNT	The number of persistent sessions that were terminated
Number of times DFHRPL reopened and load retried	RDEBRBLD	The number of times the loader received an end-of-extent condition during a LOAD, successfully closed and reopened the DFHRPL library, and retried the load.
Real storage in use	REALSTG	The number of 1 kilobyte frames of real storage currently in use by this CICS.
CICS Release	RELEASE	The release of CICS being run on the system.
Number of system dumps suppressed	SDMPSUPP	The number of system dumps requested by CICS or a user that were suppressed by one of the following: <ul style="list-style-type: none"> • a user exit • the dump table • global system dump suppression
Number of system dumps taken	SDMPTOTL	The number of system dumps taken by the whole system during the current run of CICS.
Number of I/O requests	SIORREQ	The number of start I/O (SIO) requests made by this CICS since start of the current monitor interval.
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 in local time.
System dump status	SYSDUMP	Indicates whether the taking of CICS system dumps is globally suppressed.
CICS system ID	SYSID	The system ID of this CICS system.
Number of transaction dumps suppressed	TDMPSUPP	The number of transaction dumps requested by CICS or a user that were suppressed by one of the following: <ul style="list-style-type: none"> • a user exit • the dump table
Number of transaction dumps taken	TDMPTOTL	The number of transaction dumps taken by the whole system during the current run of CICS.
Total number of active user transactions	TOTACTVUSRTR	The total number of active user transactions in the transaction class.
Total number of queued user transactions	TOTDELYUSRTR	The total number of queued user transactions.
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 time spent waiting by all transactions that were queued for the transaction class.
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.

Table 8. Fields in MCICSRGN views (continued)		
Field	Attribute name	Description
CICS-VTAM connection status	VTMSTATUS	The status of the connection between CICS and VTAM.

Transaction classes - MTRANCLS

The **Monitor data for transaction class** (MTRANCLS) views display information about transaction classes within monitored CICS systems.

Supplied views

To access from the main menu, click:

Monitoring views > CICS region monitoring views > Transaction classes

Table 9. Views in the supplied Monitor data for transaction classes (MTRANCLS) view set	
View	Notes
Monitor data for transaction classes EYUSTARTMTRANCLS.DETAILED	Detailed information about a selected transaction class.
Monitor data for transaction classes EYUSTARTMTRANCLS.DISCARD	Removes a transaction class from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
Monitor data for transaction classes EYUSTARTMTRANCLS.RESET	Resets the CICSplex SM statistics counters associated with a transaction class to 0.
Monitor data for transaction classes EYUSTARTMTRANCLS.TABULAR	Tabular information about transaction classes within monitored CICS systems.

Actions

Table 10. Actions available for MTRANCLS views	
Action	Description
DISCARD	Removes a transaction class from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
RESET	Resets the CICSplex SM statistics counters associated with a transaction class to 0.

Fields

Table 11. Fields in MTRANCLS 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.
Total time current transactions on queue	CURQUEETIME	The total amount of time current transactions have been queued in this class.

Table 11. Fields in MTRANCLS views (continued)		
Field	Attribute name	Description
Number of transaction definitions installed	INSTALLDEFS	The total number of transaction definitions currently installed.
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	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	QUEUEETIME	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.

Connection monitoring views

The connection monitoring views show information about intersystem communication (ISC) connections, multiple region operation (MRO) connections, and LU 6.2 mode names within the current context and scope. Note: This monitor data is available only for connections where connections are being monitored by CICSplex SM.

ISC/MRO connections - MCONNECT

The **Monitor data for ISC/MRO connections** (MCONNECT) views display information about monitored ISC and MRO connections.

Supplied views

To access from the main menu, click:

Monitoring views > Connection monitoring views > ISC/MRO connections

Table 12. Views in the supplied Monitor data for ISC/MRO connections (MCONNECT) view set	
View	Notes
Monitor data for ISC/MRO connections EYUSTARTMCONNECT.DETAILED	Detailed information about a selected connection.

Table 12. Views in the supplied Monitor data for ISC/MRO connections (MCONNECT) view set (continued)	
View	Notes
Monitor data for ISC/MRO connections EYUSTARTMCONNECT.DISCARD	Removes a connection from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
Monitor data for ISC/MRO connections EYUSTARTMCONNECT.RESET	Resets the CICSplex SM statistics counters associated with a connection to 0.
Monitor data for ISC/MRO connections EYUSTARTMCONNECT.TABULAR	Tabular information about display information about monitored ISC and MRO connections.

Actions

Table 13. Actions available for MCONNECT views	
Action	Description
DISCARD	Removes a connection from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
RESET	Resets the CICSplex SM statistics counters associated with a connection to 0.

Fields

Table 14. Fields in MCONNECT views		
Field	Attribute name	Description
Access method	ACCESSMETHOD	The access method in use for this connection (VTAM, IRC, INDIRECT, or XM).
Number of automatic initiate 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.
Total number of bids sent	BIDSENT	The total number of bids that were sent.
Number of bids currently in progress	CONCURBIDS	The number of bids currently in progress.
Local connection create time	CONNCREATIME	The local time at which this connection was autoinstalled. A value is shown only for APPC connections.
Local connection delete time	CONNDELETIME	The local time at which this connection was deleted. A value is shown only for autoinstalled APPC connections that were implicitly deleted.

Table 14. Fields in MCONNECT views (continued)

Field	Attribute name	Description
Connection status	CONNSTATUS	For connections using the APPC or MRO protocol, the status of the connection as one of the following: <ul style="list-style-type: none"> • ACQUIRED - The connection is acquired, which means the partner LU has been contacted and the initial CNOS exchange has been done. • 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.
File Control ship rate for current sample	CURFCFSRATE	The rate at which function shipping requests were issued during the last sample period.
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 requests that have been function shipped across this connection.
Allocates rejected because QUEUELIMIT reached	EXIT_REJALLC	The number of allocates rejected by the XZIQUE exit.
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 Greenwich mean time at which this connection was autoinstalled. A value is shown only for APPC connections.
GMT connection delete time	GMTDELETIME	The Greenwich mean time at which this connection was deleted. A value is shown only for autoinstalled APPC connections that were implicitly deleted.
Number of Interval Control function ships	ICFUNCSHIP	The number of interval control requests for function shipping.
Interval ID	INTERVALID	The ID of the interval.
File Control ship rate for interval	INTFCFSRATE	The average rate at which function shipping requests were issued over the monitor interval.
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 by XZIQUE exit	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.
Number of allocate queue purges 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.
Connection ID	NAME	The name of the connection as defined in the CICS system definition (CSD) data set.

Table 14. Fields in MCONNECT views (continued)		
Field	Attribute name	Description
Net name	NETNAME	The name by which the remote system is known to the VTAM network.
Number of AIDs waiting for a session	NONSPECAID	The current number of automatic initiator descriptors (AIDs) that are waiting for a session to become available.
Peak number of outstanding allocate requests	OUTSALLOC	The maximum number of allocate requests that were queued for this system.
Number of primaries currently in use	PRICURRUSED	For MRO and LU6.1 connections, the number of MRO RECEIVE sessions or LU6.1 primaries currently in use for this connection.
Connection protocol	PROTOCOL	For connections with an access method of VTAM, indicates which SNA protocol is in use, either LU6.1 or APPC. 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	The number of receive sessions defined in the CONNECT record.
Number of secondaries currently in use	SECCURRUSED	For MRO and LU6.1 connections, the number of MRO SEND sessions or LU6.1 secondaries currently in use for this connection.
Number of defined send sessions	SENDCOUNT	The number of send sessions defined in the CONNECT record.
Service status	SERVSTATUS	Indicates whether the system can receive and send data as follows: <ul style="list-style-type: none"> • INSERVICE - The connection is in service; the system can send and receive data. • OUTSERVICE - The connection is not in service; the system cannot 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.
Total number of function ships	TOTFUNCSHIP	The total number of function shipping requests, including file control, interval control, transient data, temporary storage, DL/I and DPL requests.
Number of Temporary Storage function ships	TSFUNCSHIP	The number of temporary storage requests for function shipping.
Connection type	TYPE	The type of connection, as one of the following: <ul style="list-style-type: none"> • INDIRECT - When the access method is indirect. • LU61 - When the access method is VTAM and the protocol is LU6.1. • LU62 - When the access method is VTAM and the protocol is APPC. • MRO - When the access method is either IRC or XM.
Number of queue purges requested by XZIQUE exit	XZIQALLCPRG	The number of allocates purged as a result of the XZIQUE exit requesting that queues be purged.
Number of allocates rejected by XZIQUE exit	XZIQPRGCNT	The number of allocate queue purges requested by the XZIQUE exit.
Reserved space	XZIQREJS	Number of times this connection was denied allocation by exit.

LU 6.2 mode names - MMODNAME

The **Monitor data for LU6.2 modenames** (MMODNAME) views display information about monitored LU 6.2 modenames.

Supplied views

To access from the main menu, click:

Monitoring views > Connection monitoring views > LU 6.2 mode names

Table 15. Views in the supplied Monitor data for LU 6.2 mode names (MMODNAME) view set	
View	Notes
Monitor data for LU 6.2 mode names EYUSTARTMMODNAME.DETAILED	Detailed information about a selected LU 6.2 modename.
Monitor data for LU 6.2 mode names EYUSTARTMMODNAME.DISCARD	Removes an LU 6.2 modename from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
Monitor data for LU 6.2 mode names EYUSTARTMMODNAME.RESET	Resets the CICSplex SM statistics counters associated with an LU 6.2 modename to 0.
Monitor data for LU 6.2 mode names EYUSTARTMMODNAME.TABULAR	Tabular information about display information about monitored LU 6.2 modenames.

Actions

Table 16. Actions available for MMODNAME views	
Action	Description
DISCARD	Removes an LU 6.2 modename from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
RESET	Resets the CICSplex SM statistics counters associated with an LU 6.2 modename to 0.

Fields

Table 17. Fields in MMODNAME views		
Field	Attribute name	Description
Connection name	CONNECTION	The name of the connection that this group of sessions is associated with.
Connection status	CONNSTATUS	The status of the connection as one of the following: <ul style="list-style-type: none">• ACQUIRED - The connection is acquired, which means the partner LU has been contacted and the initial CNOS exchange has been done.• AVAILABLE - The connection is acquired, but there are currently no bound sessions.• FREEING - The connection is being released.• OBTAINING - The connection is being acquired.• RELEASED - The connection is released.
Interval ID	INTERVALID	The ID of the interval.
Mode name	NAME	The name of a group of sessions defined for a particular connection. If no modename was defined for the connection, this field will be blank. Note: When this field is blank, you must use line commands to perform actions against the modename. The primary action commands are not valid because there is no modename to specify as a parameter.
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.

Table 17. Fields in MMODNAME views (continued)		
Field	Attribute name	Description
Maximum number of contention winner sessions	SESSMAXWIN	The maximum number of sessions that can be supported as contention winners within this group.

DB2 monitoring views

The DB2 monitoring views show information about DB2 threads within the current context and scope.

Note: This monitor data is available only for DB2 systems that are being monitored by CICSplex SM.

Threads - MDB2THRD

The **Monitor data for DB2 threads** (MDB2THRD) views display information about monitored DB2 threads defined in the DB2 DSNCRCT table. The threads are listed by initial transaction ID.

Supplied views

To access from the main menu, click:

Monitoring views > DB2 monitoring views > Threads

Table 18. Views in the supplied Monitor data for DB2 threads (MDB2THRD) view set	
View	Notes
Monitor data for DB2 threads EYUSTARTMDB2THRD.DETAILED	Detailed information about a selected DB2 thread.
Monitor data for DB2 threads EYUSTARTMDB2THRD.DISCARD	Removes a DB2 thread from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
Monitor data for DB2 threads EYUSTARTMDB2THRD.RESET	Resets the CICSplex SM statistics counters associated with a DB2 thread to 0.
Monitor data for DB2 threads EYUSTARTMDB2THRD.TABULAR	Tabular information about display information about monitored DB2 threads.

Actions

Table 19. Actions available for MDB2THRD views	
Action	Description
DISCARD	Removes a DB2 thread from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
RESET	Resets the CICSplex SM statistics counters associated with a DB2 thread to 0.

Fields

Table 20. Fields in MDB2THRD 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 done	AUTHCNT	The number of authorization checks that have been performed for this DSNCRCT entry.

Table 20. Fields in MDB2THRD views (continued)

Field	Attribute name	Description
Authorization type	AUTHTYPE	The type of authorization for this transaction, as defined by the first AUTH= subparameter of the DSNCRCT entry: <ul style="list-style-type: none"> CHARSTR - Specific character string N/A - Authorization cannot be determined RACFGID - RACF user-ID and group name SIGNID - CICS system authorization ID TERMINID - Terminal ID TRANID - Transaction ID USER - User operator ID (3-character) USERID - Sign-on user ID (8-character)
Current number of threads	CURTHREADS	The number of threads currently defined for this DSNCRCT entry.
Usage rate for current sample	CURUSERATE	The rate of DB2 usage based on the current sample.
Dispatching mode	DPMODE	The dispatching priority for connection subtasks relative to CICS, as specified on the DPMODE= or DPMODI= parameter of the DSNCRCT entry: <ul style="list-style-type: none"> EQUAL - 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: <ul style="list-style-type: none"> -CMD - TYPE=CMD -POL - TYPE=POOL tranid - TYPE=ENTRY
Interval identifier	INTERVALID	The ID of the interval.
Usage rate for interval	INTUSERATE	The usage rate based on an interval.
Maximum number of threads	MAXTHREADS	The maximum number of 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.
Plan name if not dynamic allocation	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 allocation exit program	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: <ul style="list-style-type: none"> YES - A sync point rollback is issued before returning control to the application. NO - No rollback is issued.
Reserved threads	RSVTHREADS	The number of started thread subtasks for this DSNCRCT entry, as specified on the THRDS= parameter.

Table 20. Fields in MDB2THRD views (continued)		
Field	Attribute name	Description
Peak number of 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: <ul style="list-style-type: none"> • YES - Waits for a thread in the current entry. • NO - Terminates with an abend. • POOL - Makes use of the next available pool thread.
Number of times plan used	USECOUNT	The number of times the specified plan has been used.

FEPI monitoring views

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

Connections - MFEPICON

The **Monitor FEPI connections** (MFEPICON) views display information about installed FEPI connections within monitored CICS systems.

Supplied views

To access from the main menu, click:

Monitoring views > FEPI monitoring views > Connections

Table 21. Views in the supplied Monitor data for FEPI connections (MFEPICON) view set	
View	Notes
Monitor data for FEPI connections EYUSTARTMFEPICON.DETAILED	Detailed information about a selected FEPI connection.
Monitor data for FEPI connections EYUSTARTMFEPICON.DISCARD	Removes a FEPI connection from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
Monitor data for FEPI connections EYUSTARTMFEPICON.RESET	Resets the CICSplex SM statistics counters associated with a FEPI connection to 0.
Monitor data for FEPI connections EYUSTARTMFEPICON.TABULAR	Tabular information about display information about monitored FEPI connections.

Actions

Table 22. Actions available for MFEPICON views	
Action	Description
DISCARD	Removes a FEPI connection from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
RESET	Resets the CICSplex SM statistics counters associated with a FEPI connection to 0.

Fields

Table 23. Fields in MFEPICON views		
Field	Attribute name	Description
Acquired status	ACQSTATUS	The acquire state; that is, whether a session on the connection is bound or not (ACQUIRED, ACQUIRING, RELEASED or RELEASING).
Number of acquires	ACQUIRES	The number of times the connection has been acquired.
Number of characters received	CHARSRECD	The number of characters of data received on this connection.
Number of characters sent	CHARSENT	The number of characters of data sent on this connection.
Number of conversations	CONVERSATNS	The number of conversations that have used the connection.
Acquire rate for current sample	CSACQRATE	The rate of acquires per sample period.
Number of error conditions	ERRORS	The number of VTAM error conditions raised for this connection.
Interval ID	INTERVALID	The ID of the monitor interval.
Acquire rate for monitor interval	MIACQRATE	The rate of acquires per monitor interval.
Node name	NODENAME	The node name identifying the connection.
Pool name	POOLNAME	The name of the pool identifying the connection.
Number of receive timeouts	RECVTIMEOUT	The number of times a FEPI RECEIVE timed out on this connection.
Connection service state	SERVSTATUS	The service state of the connection (INSERVICE, OUTSERVICE, or GOINGOUT).
Conversation status	STATE	The state of a conversation using the connection (NOCONV, PENDSTSN, STSN, PENDING, BEGINSESSION, APPLICATION, PENDDATA, PENDSTART, PENDFREE, FREE, PENDRELEASE, RELEASE, PENDUNSOL, UNSOLDATA, or PENDPASS).
Target name	TARGETNAME	The target name identifying the connection.
Number of unsolicited inputs	UNSOLICINP	The number of times unsolicited input was received on this connection.
Number of conversations waiting for connection	WAITCONVNUM	The number of conversations that are waiting to start using the connection.

File monitoring views

The file monitoring views display information about monitored local and remote files, and monitored files that have CICS or user-maintained data tables, or coupling facility data tables, associated with them.

Note: This monitor data is available only for files that are being monitored by CICSplex SM.

Managed data tables - MCMDT

The **Monitor data for data tables** (MCMDT) views display information about monitored files that have CICS - or user-maintained data tables, or coupling facility data tables, associated with them.

Supplied views

To access from the main menu, click:

Monitoring views > File monitoring views > Managed data tables

Table 24. Views in the supplied Monitor data for managed data tables (MCMDT) view set	
View	Notes
Monitor data for managed data tables EYUSTARTMCMDT.DETAIL1	Detailed table information about monitored files with associated data tables.

Table 24. Views in the supplied Monitor data for managed data tables (MCMMDT) view set (continued)	
View	Notes
Monitor data for managed data tables EYUSTARTMCMMDT.DETAIL2	Detailed data set information about monitored files with associated data tables.
Monitor data for managed data tables EYUSTARTMCMMDT.DETAILED	Detailed information about monitored files with associated data tables.
Monitor data for managed data tables EYUSTARTMCMMDT.DISCARD	Removes a data table file from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
Monitor data for managed data tables EYUSTARTMCMMDT.RESET	Resets the CICSplex SM statistics counters associated with a data table file to 0.
Monitor data for managed data tables EYUSTARTMCMMDT.TABULAR	Tabular information about monitored files with associated data tables.

Actions

Table 25. Actions available for MCMMDT views	
Action	Description
DISCARD	Removes a data table file from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
RESET	Resets the CICSplex SM statistics counters associated with a data table file to 0.

Fields

Table 26. Fields in MCMMDT views		
Field	Attribute name	Description
Number of add requests	ADDCNT	The number of PUT requests issued against the data table file.
Add requests resulting from reads	ADDFRREAD	The number of records placed in the data table file by the loading process or as a result of READ requests issued while loading was in progress.
Add requests rejected by exit	ADDREJ	The number of records CICS attempted to add to the data table file that were rejected by the global user exit.
Total add requests	ADDREQ	The number of attempts to add records to the data table file as a result of WRITE requests.
Total add requests 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.
Number of browse requests	BROWSECNT	The number of GET NEXT and GET PREV requests issued against the data table file.
CFDT contention count	CONTENTION	The number of times a read from a data table resulted in a contention arising on the CFDT Server.
Current record count	CURCOUNT	The current number of records in the data table file.
VSAM data EXCP rate current sample	CURDEXCPRATE	The rate of I/O operations for data records during the last sample period.
VSAM index EXCP rate current sample	CURIEXCPRATE	The rate of I/O operations for index records during the last sample period.
MDT request rate for current sample	CURMRQRATE	The rate at which modification requests were issued against the data table file during the last sample period.
Successful read rate current sample	CURREADRATE	The rate at which records were retrieved from the data table file during the last sample period.

Table 26. Fields in MCMDT views (continued)

Field	Attribute name	Description
Request rate for current sample	CURREQRATE	The rate at which API requests (READ, READ UPDATE, READNEXT, READPREV, WRITE, REWRITE and DELETE) were issued against the data table file during the last sample period.
Total delete requests	DELETEREQ	The number of attempts to delete records from the data table file as a result of DELETE requests.
VSAM EXCP count data component	DEXPCNT	For VSAM files, the number of I/O operations for data records.
Data set name	DSNAME	The 44-character name of the data set associated with the data table file, as defined to the access method and to the operating system.
Enabled status	ENABLESTATUS	Indicates whether the data table file is available for access by application programs. The status will be one of the following: <ul style="list-style-type: none"> ENABLED - Available for access. DISABLED - Not available for access, as a result of a disable command. DISABLING - Still being accessed after a disable 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 identifier	FILE	The ID of the file.
Number of get requests	GETCNT	The number of GET requests issued against the data table file.
Number of get update requests	GETUPDCNT	The number of GET UPDATE requests issued against the data table file.
VSAM EXCP count INDX component	IEXPCNT	For VSAM files, the number of I/O operations for index records.
VSAM data EXCP rate for interval	INTDEXCPRATE	The average rate of I/O operations for data records over the monitor interval.
Interval identifier	INTERVALID	The ID of the monitor interval.
VSAM index EXCP rate for interval	INTIEXCPRATE	The average rate of I/O operations for index records over the monitor interval.
MDT request rate for interval	INTMRQRATE	The average rate at which modification requests were issued against the data table file over the monitor interval.
Successful read rate for interval	INTREADRATE	The average rate at which records were retrieved from the data table file over the monitor interval.
Request rate for interval	INTREQRATE	The average rate at which API requests (READ, READ UPDATE, READNEXT, READPREV, WRITE, REWRITE and DELETE) were issued against the data table file over the monitor interval.
Number of local delete requests	LOCDELCNT	The number of DELETE requests issued against the data table file.
LSR Pool number	LSRPOOLID	The number of the local shared resources pool.
Maximum records table can hold	MAXNUMRECS	The maximum number of records that the data table file can hold. A value of 'NOLIMIT' means no maximum value has been set.
Highest 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 waits.

Table 26. Fields in MCMDT views (continued)		
Field	Attribute name	Description
Open status	OPENSTATUS	Indicates whether the data table file is open, closed, or in transition.
CFDT pool name	POOLNAME	For MVS Coupling Facility Data Tables, this is the name of CFDT Pool which the table is constructed in.
Read retries	READRETRY	The number of times reads in an AOR had to be retried because the FOR changed the table during the read.
Successful reads	READS	The number of attempts to retrieve records from the data table file that were successful.
Total records not found in table	RECNOTFND	The number of times READ requests were directed to the source data set because the record was not found in the data table file.
Record size	RECORDSIZE	For fixed-length records, the actual size of a record. For variable-length records, the maximum size of a record.
Total 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	STGALCINU	The amount of storage in use for the data table file in kilobytes.
Total storage allocated	STGALCTOT	The total amount of storage allocated to the data table file in kilobytes.
Data storage in use	STGDTAINU	The amount of storage in use for the data table file's record data in kilobytes.
Data storage allocated	STGDTATOT	The total amount of storage allocated for the data table file's record data in kilobytes.
Entries storage in use	STGENTINU	The amount of storage in use for the data table file's record entry blocks in kilobytes.
Entries storage allocated	STGENTTOT	The total amount of storage allocated for the data table file's record entry blocks in kilobytes.
Index storage in use	STGIDXINU	The amount of storage in use for the data table file index in kilobytes.
Index storage allocated	STGIDXTOT	The total amount of storage allocated for the data table file index in kilobytes.
Strings	STRINGS	The number of concurrent operations that can be performed on the data table file.
Data table indicator	TABLE	Indicates whether the data table associated with the file is a Coupling Facility (CFTABLE), CICS-maintained (CICSTABLE), User-maintained (USERTABLE) table, or is not currently defined as a data table (NOTTABLE).
CFDT table name	TABlename	For MVS Coupling Facility Data Tables, this is the name of CFDT Table which the file is loaded into.
Time closed	TIMECLOSE	The local time at which the data table file was closed.
Time opened	TIMEOPEN	The local time at which the data table file was opened.
Sum of all requests	TOTLREQCNT	The total number of API requests (READ, READ UPDATE, READNEXT, READPREV, WRITE, REWRITE and DELETE) issued against the data table file.
Sum of all MDT requests	TOTMREQCNT	The total number of modification requests issued against the data table file.
Number of update requests	UPDATECNT	The number of PUT UPDATE requests issued against the data table file.
VSAM file type	VSAMTYPE	The VSAM file type of the data table file.
Wait on string maximum concurrent count	WSTRCCURCNT	The maximum number of requests that were queued at any one time because all the strings available to the data table file were in use.
Wait on string total count	WSTRCNT	The total number of requests that were queued because all the strings available to the data table file were in use.

Local files - MLOCFILE

The **Monitor data for local files** (MLOCFILE) views display information about monitored local files.

Supplied views

To access from the main menu, click:

Monitoring views > File monitoring views > Local files

Table 27. Views in the supplied Monitor data for local files (MLOCFILE) view set	
View	Notes
Monitor data for local files EYUSTARTMLOCFILE.DETAILED	Detailed information about monitored local files.
Monitor data for local files EYUSTARTMLOCFILE.DISCARD	Removes a local file from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
Monitor data for local files EYUSTARTMLOCFILE.RESET	Resets the CICSplex SM statistics counters associated with a local file to 0.
Monitor data for local files EYUSTARTMLOCFILE.TABULAR	Tabular information about monitored local files.

Actions

Table 28. Actions available for MLOCFILE views	
Action	Description
DISCARD	Removes a local file from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
RESET	Resets the CICSplex SM statistics counters associated with a local file to 0.

Fields

Table 29. Fields in MLOCFILE views		
Field	Attribute name	Description
Access method	ACCESSMETHOD	The access method used for the file (BDAM or VSAM).
Number of WRITE requests	ADDCNT	The number of WRITE requests issued against the 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.
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 READNEXT, READPREV, and REWRITE requests issued against the file. This is only valid for RLS files.
Rate of data I/O operations for current sample	CURDEXCPRATE	The rate of I/O operations for data records during the last sample period.
Rate of index I/O operations for current sample	CURIEXCPRATE	The rate of I/O operations for index records during the last sample period.
Request rate for current sample	CURREQRATE	The rate at which API requests (READ, READ UPDATE, READNEXT, READPREV, WRITE, REWRITE and DELETE) were issued against the file during the last sample period.
Number of I/O operations for data records	DEXPCNT	For VSAM files, the number of I/O operations for data records.

Table 29. Fields in MLOCFILE views (continued)

Field	Attribute name	Description
Data set name	DSNAME	The 44-character name of the data set associated with the file, as defined to the access method and to the operating system.
Enabled status	ENABLESTATUS	Indicates whether the file is available for access by application programs. The status is one of the following: <ul style="list-style-type: none"> • 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.
File ID	FILE	The ID of the file.
Number of READ requests	GETCNT	The number of READ requests issued against the file.
Number of READ UPDATE requests	GETUPDCNT	The number of READ UPDATE requests issued against the file.
Number of I/O operations against index component	IEXPCNT	For VSAM files, the number of I/O operations for index records.
Rate of data I/O operations for monitor interval	INTDEXCPRATE	The average rate of I/O operations for data records over the monitor interval.
Interval ID	INTERVALID	The ID of the monitor interval.
Rate of index I/O operations for monitor interval	INTIEXCPRATE	The average rate of I/O operations for index records over the monitor interval.
Request rate for monitor interval	INTREQRATE	The average rate at which API requests (READ, READ UPDATE, READNEXT, READPREV, WRITE, REWRITE and DELETE) were issued against the file over the monitor interval.
Number of DELETE requests	LOCDELCNT	The number of DELETE requests issued against the file.
LSR Pool number	LSRPOOLID	For VSAM files, the number of the LSR pool associated with the file. A value of N/A means one of the following: <ul style="list-style-type: none"> • the file is not a VSAM file • the file is not associated with an LSR pool
Number of active strings	NUMACTSTRING	The current number of requests against 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 VSAM active string waits.
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.
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.
Record level sharing (RLS) request wait timeouts	RLSREQWTO	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.
Local time file was closed	TIMECLOSE	The local time at which the file was closed.

Table 29. Fields in MLOCFILE views (continued)		
Field	Attribute name	Description
Local time file was opened	TIMEOPEN	The local time at which the file was opened.
Total number of all requests	TOTLREQCNT	The total number of API requests (READ, READ UPDATE, READNEXT, READPREV, WRITE, REWRITE and DELETE) issued against the file.
Number of REWRITE requests	UPDATECNT	The number of REWRITE requests issued against the file.
VSAM file type	VSAMTYPE	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: <ul style="list-style-type: none"> • 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.
Peak number of tasks waiting for a string	WSTRCCURCNT	The maximum 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.

Remote files - MREMFIL

The **Monitor data for remote files** (MREMFIL) views display information about monitored remote 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:

Monitoring views > File monitoring views > Remote files

Table 30. Views in the supplied Monitor data for remote files (MREMFIL) view set	
View	Notes
Monitor data for remote files EYUSTARTMREMFIL.DETAILED	Detailed information about monitored remote files.
Monitor data for remote files EYUSTARTMREMFIL.DISCARD	Removes a remote file from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
Monitor data for remote files EYUSTARTMREMFIL.RESET	Resets the CICSplex SM statistics counters associated with a remote file to 0.
Monitor data for remote files EYUSTARTMREMFIL.TABULAR	Tabular information about monitored remote files.

Actions

Table 31. Actions available for MREMFIL views	
Action	Description
DISCARD	Removes a remote file from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
RESET	Resets the CICSplex SM statistics counters associated with a remote file to 0.

Fields

Table 32. Fields in MREMFIL views		
Field	Attribute name	Description
Number of WRITE requests	ADDCNT	The number of PUT requests issued against the file.
Number of READNEXT and READPREV requests	BROWSECNT	The number of READNEXT and READPREV requests issued against the file.
Request rate for current sample	CURREQRATE	The rate at which API requests (READ, READ UPDATE, READNEXT, READPREV, WRITE, REWRITE and DELETE) were issued against the file during the last sample period.
Enable status	ENABLESTATUS	The enable status of the 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 the file.
Number of READ UPDATE requests	GETUPDCNT	The number of GET UPDATE requests issued against the file.
Interval ID	INTERVALID	The ID of the monitor interval.
Request rate for monitor interval	INTREQRATE	The average rate at which API requests (READ, READ UPDATE, READNEXT, READPREV, WRITE, REWRITE and DELETE) were issued against the file over the monitor interval.
Number of DELETE requests	REMDLCNT	The number of DELETE requests issued against the file.
Remote file name	REMOTENAME	The name by which the file is known in the remote system.
Remote system name	REMOTESYSTEM	The name of the CICS system where the remote file resides.
Total number of all requests	TOTLREQCNT	The total number of API requests (READ, READ UPDATE, READNEXT, READPREV, WRITE, REWRITE and DELETE) issued against the file.
Number of REWRITE requests	UPDATECNT	The number of PUT UPDATE requests issued against the file.

Global resource monitoring views

The global resource monitoring views show information about local shared resource (LSR) buffers and pools, intrapartition transient data queues and temporary storage within the current context and scope.

LSR pool buffers - MLSRPBUF

The **Monitor data LSR pool buffers** (MLSRPBUF) views display information about buffer usage for local shared resource (LSR) pools within monitored CICS systems. The information is shown by individual buffer size.

Supplied views

To access from the main menu, click:

Monitoring views > Global resource monitoring views > LSR pool buffers

Table 33. Views in the supplied Monitor data for LSR pool buffers (MLSRPBUF) view set	
View	Notes
Monitor data for LSR pool buffers EYUSTARTMLSRPBUF.DETAILED	Detailed information about buffer usage for a selected LSR pool buffer
Monitor data for LSR pool buffers EYUSTARTMLSRPBUF.DISCARD	Removes an LSR pool from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
Monitor data for LSR pool buffers EYUSTARTMLSRPBUF.RESET	Resets the CICSplex SM statistics counters associated with an LSR pool to 0.

Table 33. Views in the supplied Monitor data for LSR pool buffers (MLSRPBUF) view set (continued)	
View	Notes
Monitor data for LSR pool buffers EYUSTARTMLSRPBUF.TABULAR	Tabular information about buffer usage for LSR pool buffers

Actions

Table 34. Actions available for MLSRPBUF views	
Action	Description
DISCARD	Removes an LSR pool from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
RESET	Resets the CICSplex SM statistics counters associated with an LSR pool to 0.

Fields

Table 35. Fields in MLSRPBUF 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 hiperspace CREADS	CREADS	The number of successful CREAD requests issued to transfer data from Hiperspace buffers to virtual buffers.
Hiperspace read rate for current sample	CURHREADRATE	The rate at which CREAD requests were issued for Hiperspace buffers during the last sample period.
Hiperspace write rate for current sample	CURHWITRATE	The rate at which CWRITE requests were issued for Hiperspace buffers during the last sample period.
Read rate for current sample	CURREADRATE	The rate at which READ I/O requests were issued to the buffers during the last sample period.
Write rate for current sample	CURWRITRATE	The rate at which WRITE I/O requests (both user- and non-user initiated) were issued during the last sample period.
Number of successful hiperspace CWRITES	CWRITES	The number of successful CWRITE requests issued to transfer data from virtual buffers to Hiperspace buffers.
Number of failed hiperspace CREADS	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 hiperspace CWRITES	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.
Interval identifier	INTERVALID	The ID of the monitor interval.
Hiperspace read rate for interval	INTHREADRATE	The average rate at which CREAD requests were issued for virtual buffers over the monitor interval.
Hiperspace write rate for interval	INTHWITRATE	The average rate at which CWRITE requests were issued for Hiperspace buffers over the monitor interval.
Read rate for interval	INTREADRATE	The average rate at which READ I/O requests were issued to the buffers over the monitor interval.
Write rate for interval	INTWRITRATE	The average rate at which WRITE I/O requests (both user- and non-user initiated) were issued over the monitor interval.
Number of successful lookasides	LOOKASIDES	The number of READ requests that VSAM was able to satisfy without initiating a physical I/O operation.
Number of non-user initiated writes	NONUWRITE	The number of non-user initiated WRITE I/Os from the buffers.
Pool identifier/buffer size/buffer type	POOLSIZE TYPE	The pool number, buffer size and buffer type

Table 35. Fields in MLSRPBUF views (continued)		
Field	Attribute name	Description
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.
Number of user initiated writes	USERIWRITE	The number of user-initiated WRITE I/Os from the buffers.

LSR pools - MLSRPOOL

The **Monitor data for LSR pools** (MLSRPOOL) views display information about local shared resource (LSR) pools within monitored CICS systems.

Supplied views

To access from the main menu, click:

Monitoring views > Global resource monitoring views > LSR pools

Table 36. Views in the supplied Monitor data for LSR pools (MLSRPOOL) view set	
View	Notes
Monitor data for LSR pools EYUSTARTMLSRPOOL.DETAILED	Detailed information about a selected LSR pool
Monitor data for LSR pools EYUSTARTMLSRPOOL.DISCARD	Removes an LSR pool from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
Monitor data for LSR pools EYUSTARTMLSRPOOL.RESET	Resets the CICSplex SM statistics counters associated with an LSR pool to 0.
Monitor data for LSR pools EYUSTARTMLSRPOOL.TABULAR	Tabular information about LSR pools

Actions

Table 37. Actions available for MLSRPOOL views	
Action	Description
DISCARD	Removes an LSR pool from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
RESET	Resets the CICSplex SM statistics counters associated with an LSR pool to 0.

Fields

Table 38. Fields in MLSRPOOL views		
Field	Attribute name	Description
Local create time	CREATETIME	The time at which the LSR pool was created.
Data buffer lookaside rate for current sample	CURDBHITRATE	The rate at which READ requests for data buffers were satisfied without physical I/O during the last sample period.
Data buffer CREAD rate for current sample	CURDHREARATE	The rate at which CREAD requests were issued for Hiperspace data buffers during the last sample period.
Data buffer CWRITE rate for current sample	CURDHWIRATE	The rate at which CWRITE requests were issued for Hiperspace data buffers during the last sample period.
Data buffer read rate for current sample	CURDREADRATE	The rate at which READ I/O requests were issued to data buffers during the last sample period.

Table 38. Fields in MLSRPOOL views (continued)

Field	Attribute name	Description
Data buffer write rate for current sample	CURDWITRATE	The rate at which WRITE I/O requests (both user- and non-user initiated) were issued to data buffers during the last sample period.
Index buffer lookaside rate for current sample	CURIBHITRATE	The rate at which READ requests for index buffers were satisfied without physical I/O during the last sample period.
Index buffer CREAD rate for current sample	CURIHREARATE	The rate at which CREAD requests were issued for virtual index buffers during the last sample period.
Index buffer CWRITE rate for current sample	CURIHWIRATE	The rate at which CWRITE requests were issued for Hiperspace index buffers during the last sample period.
Index buffer read rate for current sample	CURIREADRATE	The rate at which READ I/O requests were issued to index buffers during the last sample period.
Index buffer write rate for current sample	CURIWITRATE	The rate at which WRITE I/O requests (both user- and non-user initiated) were issued to index buffers during the last sample period.
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	The time at which the LSR pool was deleted. 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.
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.

Table 38. Fields in MLSRPOOL views (continued)		
Field	Attribute name	Description
Separate data and index flag	IDXDATFLG	Indicates whether data and index buffers use separate pools (YES) or share the same pool (NO).
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.
Data buffer lookaside rate for monitor interval	INTDBHITRATE	The average rate at which READ requests for data buffers were satisfied without physical I/O over the monitor interval.
Data buffer CREAD rate for monitor interval	INTDHREARATE	The average rate at which CREAD requests were issued for virtual data buffers over the monitor interval.
Data buffer CWRITE rate for monitor interval	INTDHWIRATE	The average rate at which CWRITE requests were issued for Hiperspace data buffers over the monitor interval.
Data buffer read rate for monitor interval	INTDREADRATE	The average rate at which READ I/O requests were issued to data buffers over the monitor interval.
Data buffer write rate for monitor interval	INTDWIRATE	The average rate at which WRITE I/O requests (both user- and non-user initiated) were issued to data buffers over the monitor interval.
Interval ID	INTERVALID	The ID of the monitor interval.
Index buffer lookaside rate for monitor interval	INTIBHITRATE	The average rate at which READ requests for index buffers were satisfied without physical I/O over the monitor interval.
Index buffer CREAD rate for monitor interval	INTIHREARATE	The average rate at which CREAD requests were issued for virtual index buffers over the monitor interval.
Index buffer CWRITE rate for monitor interval	INTIHWIRATE	The average rate at which CWRITE requests were issued for Hiperspace index buffers over the monitor interval.
Index buffer read rate for monitor interval	INTIREADRATE	The average rate at which READ I/O requests were issued to index buffers over the monitor interval.
Index buffer write rate for monitor interval	INTIWIRATE	The average rate at which WRITE I/O requests (both user- and non-user initiated) were issued to index buffers over the monitor interval.
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.

Intrapartition transient data queue - MTDQGBL

The **Monitor data for intrapartition transient data queue** (MTDQGBL) view display information about intrapartition transient data queue usage within monitored CICS systems.

Supplied views

To access from the main menu, click:

Monitoring views > Global resource monitoring views > Intrapartition transient data queue

Table 39. Views in the supplied Monitor data for intrapartition transient data queue (MTDQGBL) view set	
View	Notes
Monitor data for intrapartition transient data queue EYUSTARTMTDQGBL.DETAILED	Detailed information about a selected intrapartition transient data queue
Monitor data for intrapartition transient data queue EYUSTARTMTDQGBL.DISCARD	Removes intrapartition transient data queue usage from CICSplex SM monitoring for the current sample interval and discards the accumulated statistics.
Monitor data for intrapartition transient data queue EYUSTARTMTDQGBL.RESET	Resets the CICSplex SM statistics counters associated with intrapartition transient data queue usage to 0.
Monitor data for intrapartition transient data queue EYUSTARTMTDQGBL.TABULAR	Tabular information about intrapartition transient data queue usage

Actions

Table 40. Actions available for MTDQGBL views	
Action	Description
DISCARD	Removes intrapartition transient data queue usage from CICSplex SM monitoring for the current sample interval and discards the accumulated statistics.
RESET	Resets the CICSplex SM statistics counters associated with intrapartition transient data queue usage to 0.

Fields

Table 41. Fields in MTDQGBL 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.
Intrapartition access rate for current sample	CURACCNT	The rate at which intrapartition buffers were accessed during the last sample period.
Number of current buffer waits	CURBUFFWAIT	The current number of requests queued because no buffers were available.
Number of current buffers with valid data	CURBUFVALDA	The current number of intrapartition buffers that contain valid data.
Number of current concurrent buffer accesses	CURCONBUFAC	The current number of concurrent intrapartition buffer accesses.
Number of current concurrent string accesses	CURCONSTRAC	The current number of strings concurrently accessed in the system.
Percentage buffer-full time for current sample	CURFULLPER	The percentage of time a READ or WRITE request encountered a NOSPACE condition during the last sample period.
Read rate for current sample	CURREADRATE	The rate at which READ requests for a control interval were issued during the last sample period.
Number of current string waits	CURSTRWAITS	The current number of concurrent string waits in the system.
Write rate for current sample	CURWRITRATE	The rate at which WRITE I/O requests were issued to the transient data set during the last sample period.

Table 41. Fields in MTDQGBL views (continued)		
Field	Attribute name	Description
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.
Intrapartition access rate for monitor interval	INTACCCNT	The average rate at which intrapartition buffers were accessed over the monitor interval.
Interval ID	INTERVALID	Id of the monitor interval
Percentage buffer-full time for monitor interval	INTFULLPER	The average percentage of time a READ or WRITE request encountered a NOSPACE condition over the monitor interval.
Read rate for monitor interval	INTREADRATE	The average rate at which READ requests for a control interval were issued over the monitor interval.
Write rate for monitor interval	INTWRITRATE	The average rate at which WRITE I/O requests were issued to the transient data set over the monitor interval.
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 data set DFHINTRA.
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.
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 reads from data set	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.

Temporary storage - MTSQGBL

The **Monitor data for temporary storage** (MTSQGBL) views display information about temporary storage queue usage within monitored CICS systems.

Supplied views

To access from the main menu, click:

Monitoring views > Temporary storage queue monitoring views > Temporary storage

Table 42. Views in the supplied Monitor data for temporary storage (MTSQGBL) view set	
View	Notes
Monitor data for temporary storage EYUSTARTMTSQGBL.DETAILED	Detailed information about a selected temporary storage queue
Monitor data for temporary storage EYUSTARTMTSQGBL.DISCARD	Removes temporary storage queue usage from CICSplex SM monitoring for the current sample interval and discards the accumulated statistics.
Monitor data for temporary storage EYUSTARTMTSQGBL.RESET	Resets the CICSplex SM statistics counters associated with temporary storage queue usage to 0.
Monitor data for temporary storage EYUSTARTMTSQGBL.TABULAR	Tabular information about temporary storage queue usage

Actions

Table 43. Actions available for MTSQGBL views	
Action	Description
DISCARD	Removes temporary storage queue usage from CICSplex SM monitoring for the current sample interval and discards the accumulated statistics.
RESET	Resets the CICSplex SM statistics counters associated with temporary storage queue usage to 0.

Fields

Table 44. Fields in MTSQGBL views		
Field	Attribute name	Description
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 temporary storage buffers specified in the system initialization table (SIT) or SIT overrides.
Count of buffer waits	BUFFWAITS	The number of times a request was queued because all buffers were allocated to other tasks.
Buffer reads	BUFREADS	The number of times a control interval had to be read from disk.
Buffer writes	BUFWITES	The number of WRITE I/O requests to the temporary storage data set.
Available bytes per control interval	BYTESPERCI	Available bytes per control interval (CI).
Bytes per segment	BYTESPERSEG	Available bytes per control interval (CI).
Number of control intervals in data set	CINUM	The number of control intervals available to auxiliary storage.
Number of control intervals in use	CISINUSE	Number of control intervals that are currently in use.
Control interval size	CISIZE	The size of the control interval, in bytes.
Number of temporary storage compressions	COMPRESSIONS	Number of compression made thus far.
GetQ auxiliary rate current sample	CURAGETQRATE	The rate at which GET/GETQ requests were issued for auxiliary temporary storage during the last sample period.
PutQ auxiliary rate current sample	CURAPUTQRATE	The rate at which PUT/PUTQ requests were issued to auxiliary temporary storage during the last sample period.
Buffer read hit rate for current sample	CURBHITRATE	The rate at which GET/GETQ requests were satisfied without physical I/O during the last sample period.

Table 44. Fields in MTSQGBL views (continued)		
Field	Attribute name	Description
Auxiliary storage % full for current sample	CURFULLPER	The percentage of times a transaction was suspended because no auxiliary temporary storage was available during the last sample period.
GetQ main rate current sample	CURMGETQRATE	The rate at which GET/GETQ requests were issued for main temporary storage during the last sample period.
PutQ main rate current sample	CURMPUTQRATE	The rate at which PUT/PUTQ requests were issued to main temporary storage during the last sample period.
Read rate for current sample	CURREADRATE	The rate at which READ requests for a control interval were issued during the last sample period.
Current users waiting on buffer	CURRUWBFR	Number of users currently waiting for a buffer.
Current users waiting on string	CURRUWSTR	Number of users currently waiting on a string.
Write rate for current sample	CURWRITRATE	The rate at which WRITE I/O requests were issued to the temporary storage data set during the last sample period.
Entries in longest queue	ENTLGQUE	The peak number of records in any one temporary storage queue.
Queue extension threshold	EXTTHRESHOLD	The number of records that are held in a single temporary storage group identifier (TSGID).
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.
Get/GetQ auxiliary	GETQAUX	The number of records that application programs obtained from auxiliary temporary storage.
Get/Getq main	GETQMAIN	The number of records that application programs obtained from main temporary storage.
GetQ auxiliary rate for interval	INTAGETQRATE	The average rate at which GET/GETQ requests were issued for auxiliary temporary storage over the monitor interval.
PutQ auxiliary rate for interval	INTAPUTQRATE	The average rate at which PUT/PUTQ requests were issued to auxiliary temporary storage over the monitor interval.
Buffer read hit rate for interval	INTBHITRATE	The average rate at which GET/GETQ requests were satisfied without physical I/O over the monitor interval.
Interval identifier	INTERVALID	The ID of the monitor interval.
Auxiliary storage % full for interval	INTFULLPER	The average percentage of times a transaction was suspended because no auxiliary temporary storage was available over the monitor interval.
GetQ main rate for interval	INTMGETQRATE	The average rate at which GET/GETQ requests were issued for main temporary storage over the monitor interval.
PutQ main rate for interval	INTMPUTQRATE	The average rate at which PUT/PUTQ requests were issued to main temporary storage over the monitor interval.
Read rate for interval	INTREADRATE	The average rate at which READ requests for a control interval were issued over the monitor interval.
Write rate for interval	INTWRITRATE	The average rate at which WRITE I/O requests were issued to the temporary storage data set over the monitor interval.
Number of I/O errors on DSN	IOERRS	The number of I/O errors that occurred on the temporary storage data set.
Longest auxiliary record length	LONGAUXREC	Length of the longest auxiliary record.
Number of temporary storage names in use	NAMESINUSE	Number of TS(s) which are currently in use.
Peak CIs used	PEAKCIUSE	The peak number of control intervals containing active data at any one time.
Peak queue names in use	PEAKQUES	The peak number of temporary storage queue names in use at any one time.

Table 44. Fields in MTSQGBL views (continued)		
Field	Attribute name	Description
Peak storage	PEAKSTG	The peak amount of virtual storage in use for temporary storage records at any one time.
Peak strings in use	PEAKUSDSTR	The peak number of strings in use at any one time.
Peak users waiting on buffers	PEAKUWBUF	The peak number of requests queued because no buffers were available.
Peak users waiting on strings	PEAKUWSTR	The peak number of I/O requests that were queued at any one time.
Put/PutQ auxiliary	PUTQAUX	The number of records that application programs wrote to auxiliary temporary storage.
Put/PutQ main	PUTQMAIN	The number of records that application programs wrote to main temporary storage.
Times queues created	QUECRECNT	The number of times that CICS created individual temporary storage queues.
Queue extensions created	QUEXTENDS	The number of times it was necessary to create a TSGID extension.
Segments per control interval	SEGSPERCI	Number of segments per control interval (CI).
Number of shared pools that CICS is connected to	SHRDPOOLCONN	The number of shared pools currently connected.
Shared pools defined	SHRDPOOLDEF	The number of shared pools defined.
Shared read requests	SHRDREADREQ	The number of shared read requests.
Shared write requests	SHRDWRITEREQ	The number of shared write requests.
Number of temporary storage strings	STRINGS	The number of temporary storage strings specified in the system initialization table (SIT) or SIT overrides.
Number of string waits	STRINGWAIT	The number of I/O requests that were queued because no strings were available.
Buffer writes forced for recovery	WRTFRECVR	The number of WRITE I/O requests caused by recovery being specified for queues.
Writes greater than CISIZE	WRTGTCISZ	The number of records written with a length greater than the control interval size.

Journal monitoring views

The journal monitoring views provide information about system and general logs within the current context and scope. Note: Monitor data is available only for journals that are being monitored by CICSplex SM.

Journals - MJRNLNAM

The **Monitor data for journals** (MJRNLNAM) view display information about monitored system and general logs.

Supplied views

To access from the main menu, click:

Monitoring views > Journal monitoring views > Journals

Table 45. Views in the supplied Monitor data for journals (MJRNLNAM) view set	
View	Notes
Monitor data for journals EYUSTARTMJRNLNAM.DETAILED	Detailed information about a selected log.

Table 45. Views in the supplied Monitor data for journals (MJRNLNAM) view set (continued)	
View	Notes
Monitor data for journals EYUSTARTMJRNLNAM.DISCARD	Removes a system or general log from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
Monitor data for journals EYUSTARTMJRNLNAM.RESET	Resets the CICSplex SM statistics counters associated with a system or general log to 0.
Monitor data for journals EYUSTARTMJRNLNAM.TABULAR	Tabular information about monitored system and general logs.

Actions

Table 46. Actions available for MJRNLNAM views	
Action	Description
DISCARD	Removes a system or general log from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
RESET	Resets the CICSplex SM statistics counters associated with a system or general log to 0.

Fields

Table 47. Fields in MJRNLNAM views		
Field	Attribute name	Description
Interval ID	INTERVALID	The ID of the monitor interval.
Journal name	JOURNALNAME	The 1 to 8-character name of a system or general log.
Number of buffer flush requests	NUMBUFLUSH	The number of times the log buffers have been written out to the log stream.
Total number of bytes written	NUMBYTES	The total number of bytes written for this system or general log.
Number of journal writes	NUMWRITES	The number of journal write requests for this system or general log.
MVS log stream	STREAMNAME	The MVS log stream name associated with the system or general log.
Log stream destination	TYPE	The type of log stream associated with the system or general log.

Program monitoring views

The program monitoring views show information about programs within the current context and scope.
Note: This monitor data is available only for programs that are being monitored by CICSplex SM.

Programs - MPROGRAM

The **Monitor data for programs** (MPROGRAM) views display information about monitored programs.

Supplied views

To access from the main menu, click:

Monitoring views > Program monitoring views > Programs

Table 48. Views in the supplied Monitor data for programs (MPROGRAM) view set	
View	Notes
Monitor data for programs EYUSTARTMPROGRAM.DETAILED	Detailed information about a selected program.

Table 48. Views in the supplied Monitor data for programs (MPROGRAM) view set (continued)	
View	Notes
Monitor data for programs EYUSTARTMPROGRAM.DISCARD	Removes a program from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
Monitor data for programs EYUSTARTMPROGRAM.RESET	Resets the CICSplex SM statistics counters associated with a program to 0.
Monitor data for programs EYUSTARTMPROGRAM.TABULAR	Tabular information about monitored programs.

Actions

Table 49. Actions available for MPROGRAM views	
Action	Description
DISCARD	Removes a program from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
RESET	Resets the CICSplex SM statistics counters associated with a program to 0.

Fields

Table 50. Fields in MPROGRAM views		
Field	Attribute name	Description
Average fetch time for current sample	CURAVGFETCH	The average amount of time taken to fetch a copy of the program during the last sample period.
% of times program reused - current sample	CURRUSEPCT	The percentage of times a copy of the program in storage could be reused during the last sample period.
Program access rate for current sample	CURUSERATE	The rate at which the program was executed during the last sample period.
Program execution key	EXECKEY	The access key in which the program is executing: <ul style="list-style-type: none"> 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.
Number of times program loaded into storage	FETCHCNT	The number of times a copy of the program was loaded from the DFHRPL 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.
Average fetch time for monitor interval	INTAVGFETCH	The average amount of time taken to fetch a copy of the program over the monitor interval.
Interval ID	INTERVALID	The ID of the monitor interval
% of times program reused - monitor interval	INTRUSEPCT	The average percentage of times a copy of the program in storage could be reused over the monitor interval.
Program access rate for monitor interval	INTUSERATE	The average rate at which the program was executed over the monitor interval.

Table 50. Fields in MPROGRAM views (continued)		
Field	Attribute name	Description
Program length	LENGTH	The length of the program in bytes. A value of 0 means either the program has not been loaded in the current CICS session, or it is a remote program.
Link pack area (LPA) status	LPASTAT	Indicates where the most recently loaded copy of the program was taken from: <ul style="list-style-type: none"> • 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 either 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.
Program name	PROGRAM	The name of the program.
Program type	PROGTYPE	The type of program, as one of the following: <ul style="list-style-type: none"> • MAP - A map set. • PARTITION - A partition set. • PROGRAM - An executable program.
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 copies of the program that are currently executing.
DFHRPL data set number	RPLID	The position of the program's RPL data set in the DFHRPL concatenation. This parameter will report UNKNOWN if the program has not yet been loaded by CICS.
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.
Enabled status	STATUS	The enabled status of the program, which indicates whether it is available for use (ENABLED or DISABLED).
Number of times program accessed 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 executed	USECOUNT	The total number of times the program has been executed in the current CICS session.

Temporary storage queue monitoring views

The temporary storage queue monitoring views show information about temporary storage usage and temporary storage queues within the current context and scope. Note: This information is available only for CICS systems where global resources are being monitored by CICSplex SM.

Temporary storage - MTSQGBL

The **Monitor data for temporary storage** (MTSQGBL) views display information about temporary storage queue usage within monitored CICS systems.

Supplied views

To access from the main menu, click:

Monitoring views > Temporary storage queue monitoring views > Temporary storage

Table 51. Views in the supplied Monitor data for temporary storage (MTSQGBL) view set	
View	Notes
Monitor data for temporary storage EYUSTARTMTSQGBL.DETAILED	Detailed information about a selected temporary storage queue
Monitor data for temporary storage EYUSTARTMTSQGBL.DISCARD	Removes temporary storage queue usage from CICSplex SM monitoring for the current sample interval and discards the accumulated statistics.
Monitor data for temporary storage EYUSTARTMTSQGBL.RESET	Resets the CICSplex SM statistics counters associated with temporary storage queue usage to 0.
Monitor data for temporary storage EYUSTARTMTSQGBL.TABULAR	Tabular information about temporary storage queue usage

Actions

Table 52. Actions available for MTSQGBL views	
Action	Description
DISCARD	Removes temporary storage queue usage from CICSplex SM monitoring for the current sample interval and discards the accumulated statistics.
RESET	Resets the CICSplex SM statistics counters associated with temporary storage queue usage to 0.

Fields

Table 53. Fields in MTSQGBL views		
Field	Attribute name	Description
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 temporary storage buffers specified in the system initialization table (SIT) or SIT overrides.
Count of buffer waits	BUFFWAITS	The number of times a request was queued because all buffers were allocated to other tasks.
Buffer reads	BUFREADS	The number of times a control interval had to be read from disk.
Buffer writes	BUFWITES	The number of WRITE I/O requests to the temporary storage data set.
Available bytes per control interval	BYTESPERCI	Available bytes per control interval (CI).
Bytes per segment	BYTESPERSEG	Available bytes per control interval (CI).
Number of control intervals in data set	CINUM	The number of control intervals available to auxiliary storage.
Number of control intervals in use	CISINUSE	Number of control intervals that are currently in use.
Control interval size	CISIZE	The size of the control interval, in bytes.
Number of temporary storage compressions	COMPRESSIONS	Number of compression made thus far.
GetQ auxiliary rate current sample	CURAGETQRATE	The rate at which GET/GETQ requests were issued for auxiliary temporary storage during the last sample period.
PutQ auxiliary rate current sample	CURAPUTQRATE	The rate at which PUT/PUTQ requests were issued to auxiliary temporary storage during the last sample period.
Buffer read hit rate for current sample	CURBHITRATE	The rate at which GET/GETQ requests were satisfied without physical I/O during the last sample period.

Table 53. Fields in MTSQGBL views (continued)		
Field	Attribute name	Description
Auxiliary storage % full for current sample	CURFULLPER	The percentage of times a transaction was suspended because no auxiliary temporary storage was available during the last sample period.
GetQ main rate current sample	CURMGETQRATE	The rate at which GET/GETQ requests were issued for main temporary storage during the last sample period.
PutQ main rate current sample	CURMPUTQRATE	The rate at which PUT/PUTQ requests were issued to main temporary storage during the last sample period.
Read rate for current sample	CURREADRATE	The rate at which READ requests for a control interval were issued during the last sample period.
Current users waiting on buffer	CURRUWBFR	Number of users currently waiting for a buffer.
Current users waiting on string	CURRUWSTR	Number of users currently waiting on a string.
Write rate for current sample	CURWRITRATE	The rate at which WRITE I/O requests were issued to the temporary storage data set during the last sample period.
Entries in longest queue	ENTLGQUE	The peak number of records in any one temporary storage queue.
Queue extension threshold	EXTTHRESHOLD	The number of records that are held in a single temporary storage group identifier (TSGID).
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.
Get/GetQ auxiliary	GETQAUX	The number of records that application programs obtained from auxiliary temporary storage.
Get/Getq main	GETQMAIN	The number of records that application programs obtained from main temporary storage.
GetQ auxiliary rate for interval	INTAGETQRATE	The average rate at which GET/GETQ requests were issued for auxiliary temporary storage over the monitor interval.
PutQ auxiliary rate for interval	INTAPUTQRATE	The average rate at which PUT/PUTQ requests were issued to auxiliary temporary storage over the monitor interval.
Buffer read hit rate for interval	INTBHITRATE	The average rate at which GET/GETQ requests were satisfied without physical I/O over the monitor interval.
Interval identifier	INTERVALID	The ID of the monitor interval.
Auxiliary storage % full for interval	INTFULLPER	The average percentage of times a transaction was suspended because no auxiliary temporary storage was available over the monitor interval.
GetQ main rate for interval	INTMGETQRATE	The average rate at which GET/GETQ requests were issued for main temporary storage over the monitor interval.
PutQ main rate for interval	INTMPUTQRATE	The average rate at which PUT/PUTQ requests were issued to main temporary storage over the monitor interval.
Read rate for interval	INTREADRATE	The average rate at which READ requests for a control interval were issued over the monitor interval.
Write rate for interval	INTWRITRATE	The average rate at which WRITE I/O requests were issued to the temporary storage data set over the monitor interval.
Number of I/O errors on DSN	IOERRS	The number of I/O errors that occurred on the temporary storage data set.
Longest auxiliary record length	LONGAUXREC	Length of the longest auxiliary record.
Number of temporary storage names in use	NAMESINUSE	Number of TS(s) which are currently in use.
Peak CIs used	PEAKCIUSE	The peak number of control intervals containing active data at any one time.
Peak queue names in use	PEAKQUES	The peak number of temporary storage queue names in use at any one time.

Table 53. Fields in MTSQGBL views (continued)		
Field	Attribute name	Description
Peak storage	PEAKSTG	The peak amount of virtual storage in use for temporary storage records at any one time.
Peak strings in use	PEAKUSDSTR	The peak number of strings in use at any one time.
Peak users waiting on buffers	PEAKUWBUF	The peak number of requests queued because no buffers were available.
Peak users waiting on strings	PEAKUWSTR	The peak number of I/O requests that were queued at any one time.
Put/PutQ auxiliary	PUTQAUX	The number of records that application programs wrote to auxiliary temporary storage.
Put/PutQ main	PUTQMAIN	The number of records that application programs wrote to main temporary storage.
Times queues created	QUECRECNT	The number of times that CICS created individual temporary storage queues.
Queue extensions created	QUEXTENDS	The number of times it was necessary to create a TSGID extension.
Segments per control interval	SEGSPERCI	Number of segments per control interval (CI).
Number of shared pools that CICS is connected to	SHRDPOOLCONN	The number of shared pools currently connected.
Shared pools defined	SHRDPOOLDEF	The number of shared pools defined.
Shared read requests	SHRDREADREQ	The number of shared read requests.
Shared write requests	SHRDWRITEREQ	The number of shared write requests.
Number of temporary storage strings	STRINGS	The number of temporary storage strings specified in the system initialization table (SIT) or SIT overrides.
Number of string waits	STRINGWAIT	The number of I/O requests that were queued because no strings were available.
Buffer writes forced for recovery	WRTFRECVR	The number of WRITE I/O requests caused by recovery being specified for queues.
Writes greater than CISIZE	WRTGTCISZ	The number of records written with a length greater than the control interval size.

Terminal monitoring views

The terminal monitoring 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. This monitor data is available only for terminals that are being monitored by CICSplex SM.

Terminals - MTERMNL

The **Monitor data for terminals** (MTERMNL) views display information about monitored terminals.

Supplied views

To access from the main menu, click:

Monitoring views > Terminal monitoring views > Terminals

Table 54. Views in the supplied Monitor data for terminals (MTERMNL) view set	
View	Notes
Monitor data for terminals EYUSTARTMTERMNL.DETAILED	Detailed information about a selected terminal.

Table 54. Views in the supplied Monitor data for terminals (MTERMNL) view set (continued)	
View	Notes
Monitor data for terminals EYUSTARTMTERMNL.DISCARD	Removes a terminal from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
Monitor data for terminals EYUSTARTMTERMNL.RESET	Resets the CICSplex SM statistics counters associated with a terminal to 0.
Monitor data for terminals EYUSTARTMTERMNL.TABULAR	Tabular information about monitored terminals.

Actions

Table 55. Actions available for MTERMNL views	
Action	Description
DISCARD	Removes a terminal from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
RESET	Resets the CICSplex SM statistics counters associated with a terminal to 0.

Fields

Table 56. Fields in MTERMNL views		
Field	Attribute name	Description
Acquired status	ACQSTATUS	Indicates whether the terminal is currently acquired, released, or in the process of being acquired.
Input message rate for current sample	CURIMSGRATE	The rate of operator-initiated inputs to the terminal during the last sample period.
Output message rate for current sample	CUROMSGRATE	The rate at which output messages were written to the terminal during the last sample period.
Transaction rate for current sample	CURTRANRATE	The rate at which transactions were started at the terminal during the last sample period.
Device type	DEVICE	The terminal or session type as recorded in the TCITE.
Number of input messages	INPMSCNT	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.
Interval ID	INTERVALID	The ID of the monitor interval.
Input message rate for monitor interval	INTIMSGRATE	The average rate of operator-initiated inputs to the terminal over the monitor interval.
Output message rate for monitor interval	INTOMSGRATE	The average rate at which output messages were written to the terminal over the monitor interval.
Transaction rate for monitor interval	INTTRANRATE	The average rate at which transactions were started at the terminal over the monitor interval.
LU name	LUNAME	VTAM logical unit name of the terminal.
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.
Number of output messages	OUTMSGCNT	The number of output messages written to the terminal by either an application program or CICS.
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.

Table 56. Fields in MTERMNL views (continued)		
Field	Attribute name	Description
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.
Name of terminal in remote CICS	REMOTENAME	The name by which this terminal or session is known in a remote system.
Remote system name	REMOTESYSTEM	For remote terminals, the name of the link to the terminal-owning region (TOR). For sessions, the system ID of the associated remote system.
Service status	SERVSTATUS	Indicates whether the terminal is currently in service, out of service, or in the process of going out of service.
Number of storage violations	STGVCNT	The number of storage violations that have occurred on the terminal.
Terminal input-output area (TIOA) storage	STORAGE	Amount of TIOA storage permitted to be allocated at this terminal.
Terminal ID	TERMID	The terminal name as specified in the installed terminal definition. <ul style="list-style-type: none"> • MTERMNLD (from MTERMNL) • TERMNLD (from MTERMNLD)
Number of transaction errors	TERRCNT	The number of transactions associated with the terminal that could not be started.
Number of transactions	TRANCNT	The number of transactions, both non-conversational and pseudo-conversational, that were started at the terminal.
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.

Transaction monitoring views

The transaction monitoring views show information about CICS and user-defined transactions within the current context and scope. Note: This monitor data is available only for transactions that are being monitored by CICSplex SM.

Local or dynamic - MLOCTRAN

The **Monitor data for local or dynamic transactions** (MLOCTRAN) views display information about monitored local transactions and dynamic transactions that are running locally.

Supplied views

To access from the main menu, click:

Monitoring views > Transaction monitoring views > Local or dynamic

Table 57. Views in the supplied Monitor data for local or dynamic transactions (MLOCTRAN) view set	
View	Notes
Monitor data for local or dynamic transactions EYUSTARTMLOCTRAN.DETAIL1	Detailed information about comms requests for a selected transaction.
Monitor data for local or dynamic transactions EYUSTARTMLOCTRAN.DETAIL2	Detailed information about CICS BTS requests for a selected transaction.
Monitor data for local or dynamic transactions EYUSTARTMLOCTRAN.DETAIL3	Detailed information about TCP/IP usage for a selected transaction.

Table 57. Views in the supplied Monitor data for local or dynamic transactions (MLOCTRAN) view set (continued)	
View	Notes
Monitor data for local or dynamic transactions EYUSTARTMLOCTRAN.DETAILED	Detailed information about a selected transaction.
Monitor data for local or dynamic transactions EYUSTARTMLOCTRAN.DISCARD	Removes a transaction from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
Monitor data for local or dynamic transactions EYUSTARTMLOCTRAN.RESET	Resets the CICSplex SM statistics counters associated with a transaction to 0.
Monitor data for local or dynamic transactions EYUSTARTMLOCTRAN.TABULAR	Tabular information about monitored local or dynamic transactions.

Actions

Table 58. Actions available for MLOCTRAN views	
Action	Description
DISCARD	Removes a transaction from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
RESET	Resets the CICSplex SM statistics counters associated with a transaction to 0.

Fields

Table 59. Fields in MLOCTRAN views		
Field	Attribute name	Description
Number of action mismatches	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.
Number of TCTTE allocation requests	ALLOCATES	The number of TCTTE allocation requests.
BTS activity data container requests	BAACDCCT	The average number of Activity Data Container requests issued by this transaction.
BTS acquire process requests	BAACQPCT	The average number of Acquire Process and Acquire Activity requests issued by this transaction.
BTS define activity requests	BADACTCT	The average number of Define Activity requests issued by this transaction.
BTS delete activity and cancel requests	BADCPACT	The average number of Delete Activity and Cancel Process/Activity requests issued by this transaction.
BTS define input event requests	BADFIECT	The average number of Define Input Event requests issued by this transaction.
BTS define process requests	BADPROCT	The average number of Define Process requests issued by this transaction.
BTS link requests	BALKPACT	The average number of Link Process/Activity requests issued by this transaction.
BTS process data container requests	BAPRDCCT	The average number of Process Data Container requests issued by this transaction.
BTS run asynchronous requests	BARASYCT	The average number of Run Process/Activity requests issued by this transaction in Asynchronous mode.
BTS retrieve reattach event requests	BARATECT	The average number of Retrieve/Reattach Event requests issued by this transaction.
BTS resume requests	BARMPACT	The average number of Resume Process/Activity requests issued by this transaction.

Table 59. Fields in MLOCTRAN views (continued)		
Field	Attribute name	Description
BTS reset requests	BARSFACT	The average number of Reset ACQprocess/Activity requests issued by this transaction.
BTS run synchronous requests	BARSYNCT	The average number of Run Process/Activity requests issued by this transaction in Synchronised mode.
BTS suspend requests	BASUPACT	The average number of Suspend Process/Activity requests issued by this transaction.
BTS timer associated event requests	BATIAECT	The average number of Timer Associated Event requests issued by this transaction. This field includes:- <ul style="list-style-type: none"> • DEFINE TIMER EVENT • CHECK TIMER EVENT • DELETE TIMER EVENT • FORCE TIMER EVENT
BTS total data container requests	BATOTCCT	The average number of Data Container requests issued by this transaction.
BTS total event requests	BATOTECT	The average number of Event requests issued by this transaction.
BTS total requests	BATOTPCT	The average number of Process/Activity requests issued by this transaction.
Total BMS requests	BMSCOUNT	The number of terminal control, or basic mapping support (BMS), requests issued by the transaction, including MAP, IN, and OUT requests.
Number of BMS in requests	BMSINCNT	The number of BMS in requests.
Number of BMS map requests	BMSMAPCNT	The number of BMS map requests.
Number of BMS out requests	BMSOUTCNT	The number of BMS out requests.
CDSA getmains	CDSAGETM	The number of CDSA GETMAIN requests.
CDSA program storage HWM	CDSAPSHWM	The maximum program storage in CDSA.
CDSA storage HWM	CDSASHWM	The peak number of bytes used by this transaction in CDSA
CDSA occupancy	CDSASOCC	The storage occupancy in the CDSA. This measures the area under the curve of storage in use against elapsed time.
CF data table wait count	CFDTWC	The average number of times that the transaction waited for shared temporary storage resources.
CF data table wait time	CFDTWT	The average time spent waiting for CFDT I/O to complete.
Primary terminal control characters in	CHARIN	The number of Primary terminal control characters received.
Secondary terminal control characters in	CHARINSEC	The number of Secondary terminal control characters received.
Primary terminal control characters out	CHAROUT	The number of Primary terminal control characters sent.
Secondary terminal control characters out	CHAROUTSEC	The number of Secondary terminal control characters sent
Dispatcher change modes	CHMODECT	The average number of CICS Dispatcher TCB Change Mode requests issued by this transaction.
Wait-CICS count	CICSWC	The average number of times that the transaction waited for CICS resources. These waits may arise as a result of internal waits for CICS resources or as a result of issuing WAIT EVENT commands.
Wait-CICS time	CICSWT	The average time spent waiting for CICS resources. These waits may arise as a result of internal waits for CICS resources or as a result of issuing WAIT EVENT commands.
User task CPU count	CPUCNT	The number of times the user task has accessed the CPU.

Table 59. Fields in MLOCTRAN views (continued)		
Field	Attribute name	Description
User task CPU time	CPUTIME	The amount of processor time for which the transaction was dispatched on each CICS TCB.
Give up control wait count	CTLWC	The average number of times that the transaction gave up control to other transactions. The transaction may give up control as a result of it issuing POST, DELAY INTERVAL(0), CHANGE PRIORITY or SUSPEND commands.
Give up control wait time	CTLWT	The average time spent waiting after the transaction gave up control to other transactions. The transaction may give up control as a result of it issuing POST, DELAY INTERVAL(0), CHANGE PRIORITY or SUSPEND commands.
Average CPU time for current sample	CURAVGCPUT	The average amount of processor time for which the transaction was dispatched during the last sample period.
Average response time for current sample	CURAVGRES	The average response time for the transaction during the last sample period.
Transaction rate for current sample	CURTRANRATE	The rate at which the transaction was used during the last sample period.
DB2 connection (TCB) count	DB2CONWC	The average number of times that this transaction has spent waiting for DB2 Database Connections to complete.
DB2 Connection wait time	DB2CONWT	The average time that this transaction has spent waiting for DB2 Database Connections to complete.
DB2 ReadyQ wait count	DB2RDYQC	The average number of times that this transaction has spent waiting on the DB2 ReadyQ.
DB2 ReadyQ wait time	DB2RDYQW	The average time that this transaction has spent waiting on the DB2 ReadyQ.
DB2 total number of requests	DB2REQCT	The average number of DB2 Database requests (SQL and IFI) issued by this transaction.
DB2 request wait time	DB2WAIT	The average time that this transaction has spent waiting for DB2 Database Requests to complete. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
DB2 request wait count	DB2WAITC	The average number of times that this transaction has spent waiting for DB2 Database Requests to complete. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
Document create requests	DHCRECT	The average number of Document Create requests issued by this transaction.
Document insert requests	DHINSCT	The average number of Document Insert requests issued by this transaction.
Document retrieve requests	DHRETCT	The average number of Document Retrieve requests issued by this transaction.
Document set requests	DHSETCT	The average number of Document Set requests issued by this transaction.
Document total requests	DHTOTCT	The average total number of Document Handling requests issued by this transaction.
Document total length created	DHTOTDCL	The average length of Document's created by this transaction.
Task dispatch count	DISPCNT	The number of times the transaction was dispatched.
Task dispatch time	DISPTIME	The elapsed time for which the transaction was dispatched.
First dispatch delay	DSPDELAY	The amount of time spent waiting for first dispatch.
First dispatch delay count	DSPDELAYCT	The amount of time spent waiting for first dispatch.
ECDSA getmains	ECDSAGETM	The number of ECDSA GETMAIN requests.
ECDSA program storage HWM	ECDSAPSHWM	The maximum program storage in ECDSA.
ECDSA storage HWM	ECDSASHWM	The peak number of bytes used by this transaction in ECDSA.

Table 59. Fields in MLOCTRAN views (continued)		
Field	Attribute name	Description
ECDSA occupancy	ECDSASOCC	Storage occupancy of the transaction in the ECDSA. This measures the area under the curve of storage in use against elapsed time.
Task control enqueue delay time	ENQDELAY	The amount of time spent waiting for a task control enqueue.
KC enqueue delay count	ENQDELAYCT	The amount of time spent waiting for a task control enqueue.
External wait count	EXTERNWC	The average number of times that the transaction 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 such as the completion of file IO.
External wait time	EXTERNWT	The average time spent waiting 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 such as the completion of file IO.
Exception wait time	EXWAIT	The total elapsed time the transaction has waited on exception conditions.
Exception wait count	EXWAITCNT	The number of times the transaction has waited on exception conditions.
Number of file adds	FCADDCNT	The total number of file control add/new record write requests issued by this transaction.
Number of access method requests	FCAMCNT	The number of access method requests
Number of file browses	FCBRWCNT	The total number of file control getnext and getprevious requests issued by this transaction.
Total file control requests	FCCOUNT	The average number of file control requests issued by the transaction, excluding OPEN, CLOSE, ENABLE, and DISABLE requests.
Number of file deletes	FCDELCNT	The total number of file control delete requests issued by this transaction.
Number of file gets	FCGETCNT	The total number of file control get/read requests issued by this transaction.
File control I/O wait count	FCIOCNT	The number of times the user transaction waited for file control I/O operations.
File control I/O wait time	FCIOTIME	The amount of time spent waiting for I/O operations.
Number of file puts	FCPUTCNT	The total number of file control put/write requests issued by this transaction.
Force actions due to indoubt	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.
Force actions due to no wait	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.
Force actions due to operator	FORACTOPER	The number of forced in-doubt action resolutions that have occurred because the operator cancelled the wait for in-doubt resolution.
Force actions due to other	FORACTOTHER	The number of forced in-doubt action resolutions that have occurred for reasons other than those listed in this view.
Force actions due to transaction definition	FORACTTRNDF	The number of forced indoubt action resolutions that have occurred because the transaction definition does not support in-doubt waiting.
Sysplex-wide enqueue delay count	GNQDELAC	The average number of times spent by this transaction waiting for a Global Enqueue.
Sysplex-wide enqueue delay time	GNQDELAY	The average amount of time spent by this transaction waiting for a Global Enqueue.
Interval control requests	ICCOUNT	The number of interval control START or INITIATE requests issued by this transaction.

Table 59. Fields in MLOCTRAN views (continued)

Field	Attribute name	Description
Total interval control requests	ICTOTCNT	The total number of interval control requests. That is the total number of START, CANCEL, RETRIEVE, INITIATE and DELAY requests, excluding DELAY INTERVAL(0) requests. This is different from the count of START and INITIATE requests displayed elsewhere in this view. That field does not include the number of CANCEL, RETRIEVE or DELAY requests, but it is available for all releases of CICS. This field counts more requests but is only available for recent releases of CICS.
IMS total number of requests	IMSREQCT	The average number of IMS Database requests issued by this transaction.
IMS request wait time	IMSWAIT	The average time that this transaction has spent waiting for IMS Database Requests to complete.
IMS request wait count	IMSWAITC	The average number of times that this transaction has spent waiting for IMS Database Requests to complete.
Average CPU time for interval	INTAVGCPUT	The average amount of processor time for which the transaction was dispatched over the monitor interval.
Average response time for interval	INTAVGRES	The average response time for the transaction over the monitor interval.
Interval identifier	INTERVALID	The ID of the monitor interval.
Transaction rate for interval	INTTRANRATE	The average rate at which the transaction was used over the monitor interval.
Interval control wait count	INTVLWC	The average number of times that the transaction entered an interval control wait.
Interval control wait time	INTVLWT	The average time spent waiting in interval control waits.
Interregion I/O count	IRIOCNT	The number of interregion I/O requests issued by this transaction.
Interregion I/O wait	IRIOTIME	The total time spent waiting in interregion I/O waits.
Isolation status	ISOLATEST	Indicates whether the transaction's user-key task-lifetime storage is isolated from the user-key programs of other transactions.
J8 TCB mode CPU count	J8CPUC	The average number of times that this transaction has used CPU when dispatched on the J8 TCB Mode. This mode is used by Java applications. This attribute is obsolete from CICS Transaction Server 5.1 onwards.
J8 TCB mode CPU time	J8CPUT	The average CPU time that this transaction has used when 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 count	JCIOCNT	The journal control I/O wait count.
Journal control I/O wait time	JCIOTIME	The total time spent waiting in journal control I/O waits.
Journal output requests	JCUSRWcnt	The number of journal output requests issued during the transaction.
Journal write requests	JNLWRTCT	The number of journal write requests issued by this transaction.
Total JVM suspend time	JVMSUSP	The amount of elapsed time this transaction was suspended back in CICS while executing as a Java Virtual Machine (JVM).
Total JVM suspend time count	JVMSUSPC	The number of times this transaction was suspended back in CICS while executing as a Java Virtual Machine (JVM).
Total JVM elapsed time	JVMTIME	Amount of elapsed time this transaction spent executing as a Java Virtual Machine(JVM), including time suspended (see JVM suspend time).
Total JVM elapsed time count	JVMTIMEC	The total JVM elapsed time count.
L8 TCB mode CPU count	L8CPUC	The average number of times that this transaction has used CPU when dispatched on the L8 TCB Mode. This mode is used by programs that are defined to be CONCURRENCY=THREADSAFE when they issue DB2 requests (which must be DB2 Version 6 or above).

Table 59. Fields in MLOCTRAN views (continued)		
Field	Attribute name	Description
L8 TCB mode CPU time	L8CPUT	The average CPU time that this transaction has used when dispatched on the L8 TCB Mode. This mode is used by programs that are defined to be CONCURRENCY=THREADS SAFE when they issue DB2 requests (which must be DB2 Version 6 or above).
Times local dynamic routing exit ran transaction	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.
Lock manager wait count	LOCKMWC	The average number of times that the transaction waited for locks managed by the CICS lock manager.
Lock manager wait time	LOCKMWT	The average time spent waiting for locks managed by the CICS lock manager.
CICS logger write requests	LOGWRTCT	The number of CICS Logger write requests issued by this transaction.
LU6.1 I/O wait time	LU61WTT	The amount of time the user transaction waited for I/O on a LU6.1 connection or session.
LU6.1 I/O wait count	LU61WTTCT	The average time spent waiting for I/O on a LU6.1 connection or session.
LU6.2 I/O wait time	LU62WTT	The amount of time the user transaction waited for I/O on a LU6.2 connection or session.
LU6.2 I/O wait count	LU62WTTCT	The average time spent waiting for I/O on a LU6.2 connection or session.
Other TCB mode CPU count	MSCPUC	The average number of times that this transaction has used CPU 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.
Other TCB mode CPU time	MSCPUT	The average CPU time that this transaction 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.
Other TCB mode dispatch count	MSDISPC	The average number of times that this transaction 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	The average time that this transaction 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.
Primary terminal control messages in	MSGIN	The number of Primary terminal control messages received.
Secondary terminal control messages in	MSGINSEC	The number of secondary terminal control messages received.
Primary terminal control messages out	MSGOUT	The number of primary terminal control messages sent.
Secondary terminal control messages out	MSGOUTSEC	The number of secondary terminal control messages sent.
First dispatch delay	MXTDELAY	The amount of time spent waiting for first dispatch because the limits set by the system parameter, MXT, had been reached.
First dispatch delay MXT count	MXTDELAYCT	The amount of time spent waiting for first dispatch because the limits set by the system parameter, MXT, had been reached.
Maximum open TCB delay count	MXTOTDLC	Average number of delays incurred by this transaction 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). Open TCBs are : L8, J8. J8 TCBs are obsolete from CICS Transaction Server 5.1 onwards.
Maximum open TCB delay time	MXTOTDLY	Average delay incurred by this transaction 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). Open TCBs are : L8, J8. J8 TCBs are obsolete from CICS Transaction Server 5.1 onwards.
Number of indoubt waits	NUMINDOUBWT	The number of indoubt waits.

Table 59. Fields in MLOCTRAN views (continued)		
Field	Attribute name	Description
R/O program storage HWM below 16M	PC24RHWM	The maximum amount of program storage in use by the transaction below the 16MB line, in the read-only dynamic storage area (RDSA).
Shared program storage HWM below 16M	PC24SHWM	The maximum amount of program storage in use by the transaction below the 16MB line, in the shared dynamic storage area (SDSA).
Shared program storage HWM above 16M	PC31SHWM	The maximum amount of program storage in use by the transaction above the 16MB line, in the extended shared dynamic storage area (ESDSA).
Distributed program links	PCDPLCT	The average number of times this transaction has issued a CICS Program Control Distributed Program Link to another CICS system.
Number of program links	PCLINKCNT	The number of program link requests.
Number of program loads	PCLOADCNT	The number of program load requests.
Program fetch wait time	PCLOADTM	The program fetch wait time.
Program fetch wait count	PCLOADWCNT	The program fetch wait count.
Link URM count	PCLURMCT	The average number of links to user related modules issued by this transaction.
Number of program XCTLs	PCXCTLCNT	The number of program XCTLs.
Performance record count	PERRECNT	The number of performance records written by the CICS/ESA Monitoring Facility (CMF) for this transaction.
Transaction priority	PRIORITY	The priority of this transaction relative to other transactions in the CICS system.
First program	PROGRAM	The name of the first program to be executed when this transaction is started.
Program storage HWM below 16M	PSTG24HWM	The maximum program storage below 16M.
Program storage HWM above 16M	PSTG31HWM	The maximum program storage above 16M.
Program storage HWM	PSTGHWM	The maximum program storage across all DSAs.
QR TCB mode CPU count	QRCPUC	The number of times that this transaction has used CPU when dispatched on the QR TCB Mode.
QR TCB mode CPU time	QRCPUT	The CPU time that this transaction has used when dispatched on the QR TCB Mode.
QR TCB mode dispatch count	QRDISPC	The number of times that this transaction has spent dispatched on the QR TCB Mode.
QR TCB mode dispatch time	QRDISPT	The time that this transaction has spent dispatched on the QR TCB Mode.
QR TCB mode delay count	QRMODDLC	The number of times that this transaction has spent on the QR TCB mode waiting to be dispatched including the number of times waiting to switch back to the QR TCB mode from another TCB mode.
QR TCB mode delay time	QRMODDLY	The QR TCB mode delay time.
Number of times run remotely by routing exit	REMOECNT	The number of times the dynamic transaction routing exit chose to run this transaction on a remote system.
Remote start count	REMSTARTCNT	The number of attempts to start this transaction on a remote system, which may not be the same as the number of successful starts.
Cumulative response time	RESPONSE	The cumulative transaction response time.
Times restarted	RESTARTCNT	The average number of times the transaction was restarted after an abend, if the RE CEDA keyword was specified.
RLS CPU time monitor count	RLSCPUCNT	The RLS CPU time monitor count.
RLS SRB CPU time	RLSCPUT	The average amount of CPU time spent on the RLS SRB.

Table 59. Fields in MLOCTRAN views (continued)		
Field	Attribute name	Description
Total times waited for RLS I/O	RLSWAIT	The elapsed time in which this transaction waited for RLS file I/O.
Task suspend count	RLSWAICNT	The number of RLS waits for this transaction.
Total RMI suspend time	RMISUSP	The amount of time the transaction was suspended by the dispatcher while in the resource manager interface (RMI).
Total RMI suspend count	RMISUSPCT	The total RMI suspend count.
Total RMI elapsed time	RMITIME	The amount of time the transaction spent in the resource manager interface (RMI).
Total RMI elapsed count	RMITIMECT	The total RMI elapsed count.
RRMS/MVS syncpoint delay count	RRMSWAIC	The average number of times spent by this transaction waiting for syncpoint coordination with RRMS/MVS.
RRMS/MVS syncpoint delay time	RRMSWAIT	The average amount of time spent by this transaction waiting for syncpoint coordination with RRMS/MVS.
Remote system identifier	RSYSID	The CICS system ID of the remote system to which this transaction was routed either statically or dynamically.
Run synchronous transaction wait count	RUNTRWTC	The average number of times that this transaction has spent waiting for a transaction it attached synchronously to complete.
Run synchronous transaction wait time	RUNTRWTT	The average time that this transaction has spent waiting for a transaction it attached synchronously to complete.
S8 TCB mode CPU count	S8CPUC	The average number of times that this transaction has used CPU when dispatched on the S8 TCB Mode. This mode is used when making secure sockets calls.
S8 TCB mode CPU time	S8CPUT	The average CPU time that this transaction has used when dispatched on the S8 TCB Mode. This mode is used when making secure sockets calls.
Shared storage bytes freed below 16M	SC24FSHR	The number of bytes of shared storage FREEMAINED by this transaction below the 16MB line, in the CDSA or SDSA.
Shared storage bytes get below 16M	SC24GSHR	The number of bytes of shared storage GETMAINED by this transaction below the 16MB line, in the CDSA or SDSA.
Shared storage requests below 16M	SC24SGCT	The number of GETMAIN requests issued by this transaction for shared storage below the 16MB line, in the CDSA or SDSA.
Shared storage bytes freed above 16M	SC31FSHR	The number of bytes of shared storage FREEMAINED by this transaction above the 16MB line, in the ECDSA or ESDSA.
Shared storage bytes get above 16M	SC31GSHR	The number of bytes of shared storage GETMAINED by this transaction above the 16MB line, in the ECDSA or ESDSA.
Shared storage getmain above 16M	SC31SGCT	The number of GETMAIN requests issued by this transaction for shared storage above the 16MB line, in the ECDSA or ESDSA.
Shared temporary storage wait count	SHDTSWC	The average number of times that the transaction waited for shared temporary storage resources.
Shared temporary storage wait time	SHDTSWT	The average time spent waiting shared temporary storage resources.
Socket bytes decrypted	SOBYDECT	The average number of bytes decrypted by this transaction that were passed over the TCP/IP Sockets Interface.
Socket bytes encrypted	SOBYENCT	The average number of bytes encrypted by this transaction that were passed over the TCP/IP Sockets Interface.
Sockets I/O wait count	SOIOWTC	The average number of times spent by this transaction waiting for socket sends or receives to complete. This figure includes the number of times this transaction waiting on the SO, SL and S8 TCB modes.

Table 59. Fields in MLOCTRAN views (continued)		
Field	Attribute name	Description
Sockets I/O wait time	SOIOWTT	The average amount of time spent by this transaction waiting for socket sends or receives to complete. This time includes the time spent by this transaction on the SO, SL and S8 TCB modes.
CF data-table-server syncpoint wait count	SRVSPWC	The average number of times that the transaction waited for a CFDT Syncpoint to complete.
CF server syncpoint wait time	SRVSPWT	The average time spent waiting for CFDT Syncpoints to complete.
Enabled status	STATUS	The enabled status of the transaction, which indicates whether or not it is available for use.
Number of storage violations	STGVCNT	The average number of storage violations for this transaction that have been detected by CICS storage management.
Task suspend count	SUSPCNT	The number of times the transaction was suspended by the dispatcher.
Task suspend time	SUSPTIME	The wait time for which the transaction was suspended by the dispatcher, including: <ul style="list-style-type: none"> time waiting for the first dispatch task suspend (wait) time time waiting for redispach after a suspended task is resumed
Syncpoint requests	SYNCCOUNT	The number of SYNCPOINT requests issued during the transaction.
Waiting for parent syncpoint delay time	SYNCDLY	The average time that this transaction has spent waiting for it's parent transaction to syncpoint, such that it's updates will be committed.
Waiting for parent syncpoint delay count	SYNCDLYC	The average number of times that this transaction has spent waiting for it's parent transaction to syncpoint, such that it's updates will be committed.
Total times processed syncpoint request	SYNCTIMCNT	The number of times this transaction has processed syncpoint requests
Syncpoint wait time	SYNCTIME	The total elapsed time for which this transaction was dispatched and was processing syncpoint requests.
FEPI allocate timeouts	SZALLCTO	The number of times the user transaction timed out while waiting to allocate a conversation.
FEPI allocates	SZALLOCT	The number of conversations allocated by the user transaction as a result of a FEPI ALLOCATE POOL or FEPI CONVERSE POOL request.
FEPI characters received	SZCHRIN	The number of characters received by the user transaction through FEPI.
FEPI characters sent	SZCHROUT	The number of characters sent by the user transaction through FEPI.
FEPI receives	SZRCVCT	The number of FEPI RECEIVE requests made by the user transaction.
FEPI receive timeouts	SZRCVTO	The number of times the user transaction timed out while waiting to receive data.
FEPI sends	SZSENDCT	The number of FEPI SEND and FEPI CONVERSE requests made by the user transaction.
FEPI starts	SZSTRTCT	The number of FEPI START requests made by the user transaction.
Total FEPI requests	SZTOTCT	The total number of FEPI API and SPI requests made by the user transaction.
FEPI suspend time	SZWAIT	The total amount of time the user transaction spent waiting for all FEPI services.
FEPI suspend time count	SZWAITCT	The number of times the user transaction waited for FEPI services
Dispatcher TCB attaches	TCBATTCT	The average number of CICS Dispatcher TCB Attaches issued by this transaction.
LU6.2 Secondary terminal control chars in	TCC62IN2	The number of characters received from the principal terminal facility by the user transaction.

Table 59. Fields in MLOCTRAN views (continued)		
Field	Attribute name	Description
LU6.2 secondary terminal control chars out	TCC62OU2	The number of characters sent to the principal terminal facility by the user transaction.
Terminal control I/O wait count	TCIOCNT	The terminal control I/O wait count.
Terminal control I/O wait time	TCIOTIME	The terminal control I/O wait time.
First dispatch delay - transaction class	TCLDELAY	The amount of time spent waiting for first dispatch because the limits set for the transaction class had been reached.
First dispatch delay count	TCLDELAYCT	The amount of time spent waiting for first dispatch because the limits set for the transaction class had been reached.
LU6.2 secondary terminal control messages in	TCM62IN2	The number of messages received from the secondary terminal facility for LU6.2.
LU6.2 secondary terminal control messages out	TCM62OU2	The number of messages sent to the secondary terminal facility for LU6.2.
Total transient data requests	TDCCOUNT	The average number of transient data requests issued by the transaction, including GET, PUT, and PURGE requests.
Number of transient data gets	TDGETCNT	The number of transient data get requests.
Transient data I/O count	TDIOCNT	The number of transient data I/O requests.
Transient data I/O wait time	TDIOTIME	The elapsed time in which this transaction waited for transient data.
Number of transient data purges	TDPURCNT	The number of transient data purge requests.
Number of transient data puts	TDPUTCNT	The number of transient data put requests.
Terminal identifier	TERMINID	The terminal ID associated with this transaction.
Terminal storage	TERMSTG	The average amount of terminal storage (TIOA) allocated to the terminal associated with the transaction.
MVS DS storage constraint wait time	TMRDSCWT	The MVS DS storage constraint wait time.
Transaction class name	TRANCLASS	The 8-character transaction class name.
Transaction	TRANID	The 4-character transaction name.
Total temporary storage requests	TSCCOUNT	The average number of temporary storage requests issued by the transaction, including GET, PUT, and PURGE requests.
Number of temporary storage gets	TSGETCNT	The number of temporary storage get requests.
Temporary storage I/O wait count	TSIOCNT	The temporary storage I/O wait count.
Temporary storage I/O wait time	TSIOTIME	The temporary storage I/O wait time.
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.
Times used	USECCOUNT	The number of times the transaction was used during the last monitor interval.
Program storage HWM below 16M	USRP24HWM	The maximum amount of program storage in use by the transaction below the 16MB line.
Program storage HWM above 16M	USRP31HWM	The maximum amount of program storage in use by the transaction above the 16MB line.
Number of user getmains below 16M	USTG24CNT	The Number of user GETMAIN requests below 16M.

Table 59. Fields in MLOCTRAN views (continued)		
Field	Attribute name	Description
User task storage HWM below 16M	USTG24HWM	The peak number of bytes of user task storage below 16M.
User task storage occupancy below 16M	USTG24OCC	The storage occupancy of the user task below the 16M line. This measures the area under the curve of storage in use against elapsed time.
Number of user getmains above 16M	USTG31CNT	The Number of user GETMAIN requests above 16M.
User task storage HWM above 16M	USTG31HWM	The peak number of bytes of user task storage above the 16MB line.
User task storage occupancy above 16M	USTG31OCC	The storage occupancy of the user task above the 16B line. This measures the area under the curve of storage in use against elapsed time.
Dispatch wait count	WAITCNT	The number of times the transaction waited for redispach.
Dispatch wait time	WAITTIME	The time the transaction spent waiting for redispach.
WEB characters received	WBCHRIN	The average number of characters received via the WEB as a result of WEB Receives issued by this transaction.
WEB characters sent	WBCHROUT	The average number of characters sent via the WEB as a result of WEB Sends issued by this transaction.
WEB receive requests	WBRCVCT	The average number of WEB Receive requests issued by this transaction.
WEB repository writes	WBREPWCT	The average number of WEB Repository write requests issued by this transaction.
WEB send requests	WSENDCT	The average number of WEB Send requests issued by this transaction.
WEB total requests	WBTOTCT	The average total number of WEB request issued by this transaction. This does not include the number of WEB repository write requests.

Remote - MREMTRAN

The **Monitor data for remote transactions** (MREMTRAN) views display information about monitored remote transactions. Remote transactions are transactions that are defined to the local CICS system, but reside in another CICS system. For a dynamic transaction, the remote name and system ID reflect where the transaction is running.

Supplied views

To access from the main menu, click:

Monitoring views > Transaction monitoring views > Remote

Table 60. Views in the supplied Monitor data for remote transactions (MREMTRAN) view set	
View	Notes
Monitor data for remote transactions EYUSTARTMREMTRAN.DETAILED	Detailed information about a selected transaction.
Monitor data for remote transactions EYUSTARTMREMTRAN.DISCARD	Removes a transaction from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
Monitor data for remote transactions EYUSTARTMREMTRAN.RESET	Resets the CICSplex SM statistics counters associated with a transaction to 0.
Monitor data for remote transactions EYUSTARTMREMTRAN.TABULAR	Tabular information about monitored remote transactions.

Actions

Table 61. Actions available for MREMTRAN views	
Action	Description
DISCARD	Removes a transaction from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
RESET	Resets the CICSplex SM statistics counters associated with a transaction to 0.

Fields

Table 62. Fields in MREMTRAN views		
Field	Attribute name	Description
Average response time for current sample	CURAVGRES	The average response time for the transaction during the last sample period. Response time is measured from when the transaction is entered until it returns a response to the requester.
Transaction rate for current sample	CURTRANRATE	The rate at which the transaction was used during the last sample period.
Average response time for monitor interval	INTAVGRES	The average response time for the transaction over the monitor interval. Response time is measured from when the transaction is entered until it returns a response to the requester.
Interval ID	INTERVALID	The ID of the monitor interval.
Transaction rate for monitor interval	INTTRANRATE	The average rate at which the transaction was used over the monitor interval.
Interregion wait time	IRIOTIME	The amount of time the transaction spent waiting for control at this end of an interregion communication (IRC) link.
Number of times transaction run remotely	REMOCECNT	The number of times the dynamic transaction routing exit chose to run this transaction on a remote system.
Remote transaction ID	REMOTENAME	The name by which this transaction is known in the remote system.
Remote system name	REMOTESYSTEM	The system ID of the CICS system where the remote transaction resides.
Number of times transaction started	REMSTARTCNT	The number of attempts to start this transaction on a remote system, which may not be the same as the number of successful starts.
Response time	RESPTIME	The amount of time that elapsed from when the transaction was entered until it returned a response to the requester.
Transaction class name	TRANCLASS	The 8-character transaction class name.
Transaction	TRANID	The name of the transaction as known to the local CICS system.
Number of times transaction has been used	USECOUNT	The number of times the transaction has been used.

Transient data queue monitoring views

The transient data queue (TDQ) monitoring views show information about intrapartition and extrapartition transient data queues within the current context and scope. For details about the availability of the transient data queue views, see the individual view descriptions.

Indirect - MINDTDQ

The **Monitor data for indirect transient data queues** (MINDTDQ) views display information about monitored indirect transient data queues.

Supplied views

To access from the main menu, click:

Monitoring views > Transient data queue monitoring views > Indirect

Table 63. Views in the supplied Monitor data for indirect transient data queues (MINDTDQ) view set	
View	Notes
Monitor data for indirect transient data queues EYUSTARTMINDTDQ.DETAILED	Detailed information about a selected transaction.
Monitor data for indirect transient data queues EYUSTARTMINDTDQ.DISCARD	Removes an indirect transient data queue from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
Monitor data for indirect transient data queues EYUSTARTMINDTDQ.RESET	Resets the CICSplex SM statistics counters associated with an indirect transient data queue to 0.
Monitor data for indirect transient data queues EYUSTARTMINDTDQ.TABULAR	Tabular information about monitored indirect transient data queues.

Actions

Table 64. Actions available for MINDTDQ views	
Action	Description
DISCARD	Removes an indirect transient data queue from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
RESET	Resets the CICSplex SM statistics counters associated with an indirect transient data queue to 0.

Fields

Table 65. Fields in MINDTDQ views		
Field	Attribute name	Description
Output rate for current sample	CUROUTQRATE	The rate at which READ and WRITE requests were issued against the transient data queue during the last sample period.
Indirect queue name	INDIRECTNAME	The name of the queue that this indirect queue points to.
Indirect queue type	INDIRECTTYPE	Indicates whether the queue pointed to by this indirect queue is intrapartition, extrapartition, remote, or indirect.
Interval identifier	INTERVALID	The ID of the monitor interval.
Output rate for interval	INTOUTQRATE	The average rate at which READ and WRITE requests were issued against the transient data queue over the monitor interval.
Number of I/O requests	OUTCNT	The number of READs, WRITEs, and DELETEs made to the indirect transient data queue.
Queue identifier	TDQUEUE	The name of the transient data queue.

Intrapartition - MNTRATDQ

The **Monitor data for intrapartition transient data queues** (MNTRATDQ) views display information about monitored intrapartition transient data queues.

Supplied views

To access from the main menu, click:

Monitoring views > Transient data queue monitoring views > Intrapartition

Table 66. Views in the supplied Monitor data for intrapartition transient data queues (MNTRATDQ) view set	
View	Notes
Monitor data for intrapartition transient data queues EYUSTARTMNTRATDQ.DETAILED	Detailed information about a selected intrapartition transient data queue.
Monitor data for intrapartition transient data queues EYUSTARTMNTRATDQ.DISCARD	Removes an intrapartition transient data queue from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
Monitor data for intrapartition transient data queues EYUSTARTMNTRATDQ.RESET	Resets the CICSplex SM statistics counters associated with an intrapartition transient data queue to 0.
Monitor data for intrapartition transient data queues EYUSTARTMNTRATDQ.TABULAR	Tabular information about monitored intrapartition transient data queues.

Actions

Table 67. Actions available for MNTRATDQ views	
Action	Description
DISCARD	Removes an intrapartition transient data queue from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
RESET	Resets the CICSplex SM statistics counters associated with an intrapartition transient data queue to 0.

Fields

Table 68. Fields in MNTRATDQ views		
Field	Attribute name	Description
ATI facility	ATIFACILITY	For automatic transaction initiation (ATI) queues, indicates whether the transaction to be started when the trigger level is reached is associated with a terminal (TERMINAL or NOTERMINAL).
ATI terminal identifier	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 identifier	ATITRANID	The name of the transaction to be started when the automatic transaction initiation (ATI) trigger level is reached.
ATI user identifier	ATIUSERID	Specifies the user ID for a transient data trigger-level transaction that is not associated with a terminal.
Output rate for current sample	CUROUTQRATE	The rate at which WRITE requests were issued to the transient data queue during the last sample period.
Interval identifier	INTERVALID	The ID of the monitor interval.
Output rate for interval	INTOUTQRATE	The average rate at which WRITE requests were issued to the transient data queue over the monitor interval.
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.
Enable status	STATUS	Indicates whether the queue can be accessed by applications (ENABLED or DISABLED).
Queue identifier	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.

Remote - MREMTDQ

The **Monitor data for remote transient data queues** (MREMTDQ) views display information about monitored 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:

Monitoring views > Transient data queue monitoring views > Remote

Table 69. Views in the supplied Monitor data for remote transient data queues (MREMTDQ) view set	
View	Notes
Monitor data for remote transient data queues EYUSTARTMREMTDQ.DETAILED	Detailed information about a selected remote transient data queue.
Monitor data for remote transient data queues EYUSTARTMREMTDQ.DISCARD	Removes an remote transient data queue from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
Monitor data for remote transient data queues EYUSTARTMREMTDQ.RESET	Resets the CICSplex SM statistics counters associated with an remote transient data queue to 0.
Monitor data for remote transient data queues EYUSTARTMREMTDQ.TABULAR	Tabular information about monitored remote transient data queues.

Actions

Table 70. Actions available for MREMTDQ views	
Action	Description
DISCARD	Removes an remote transient data queue from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
RESET	Resets the CICSplex SM statistics counters associated with an remote transient data queue to 0.

Fields

Table 71. Fields in MREMTDQ views		
Field	Attribute name	Description
Output rate for current sample	CUROUTQRATE	The rate at which READ and WRITE requests were issued against the transient data queue during the last sample period.
Interval identifier	INTERVALID	The ID of the monitor interval.
Output rate for interval	INTOUTQRATE	The average rate at which READ and WRITE requests were issued against the transient data queue over the monitor interval.
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 transient data queue is known in a remote system.
Remote system name	REMOTESYSTEM	The system ID of the remote CICS system where the transient data queue resides.
Queue identifier	TDQUEUE	The name of the transient data queue as known to the local CICS system.

Extrapartition - MXTRATDQ

The **Monitor data for extrapartition transient data queues** (MXTRATDQ) views display information about monitored extrapartition transient data queues.

Supplied views

To access from the main menu, click:

Monitoring views > Transient data queue monitoring views > Extrapartition

Table 72. Views in the supplied Monitor data for extrapartition transient data queues (MXTRATDQ) view set	
View	Notes
Monitor data for extrapartition transient data queues EYUSTARTMXTRATDQ.DETAILED	Detailed information about a selected extrapartition transient data queue.
Monitor data for extrapartition transient data queues EYUSTARTMXTRATDQ.DISCARD	Removes an extrapartition transient data queue from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
Monitor data for extrapartition transient data queues EYUSTARTMXTRATDQ.RESET	Resets the CICSplex SM statistics counters associated with an extrapartition transient data queue to 0.
Monitor data for extrapartition transient data queues EYUSTARTMXTRATDQ.TABULAR	Tabular information about monitored extrapartition transient data queues.

Actions

Table 73. Actions available for MXTRATDQ views	
Action	Description
DISCARD	Removes an extrapartition transient data queue from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.
RESET	Resets the CICSplex SM statistics counters associated with an extrapartition transient data queue to 0.

Fields

Table 74. Fields in MXTRATDQ views		
Field	Attribute name	Description
Output rate for current sample	CUROUTQRATE	The rate at which READ and WRITE requests were issued against the transient data queue during the last sample period.
Enabled status	ENABLESTATUS	Indicates whether the queue can be accessed by applications.
Interval identifier	INTERVALID	The ID of the monitor interval.
Output rate for interval	INTOUTQRATE	The average rate at which READ and WRITE requests were issued against the transient data queue over the monitor interval.
Open status	OPENSTATUS	Indicates whether the queue is open, closed, or in an intermediate state.
Number of READ and WRITE requests	OUTCNT	The number of WRITES to the output data set or READs from the input data set.
Queue identifier	TDQUEUE	The name of the transient data queue.

Chapter 3. History Views

The history views allow you to work with CICS historical data.

Recent - 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:

History views > History Views > Recent

Table 75. 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.

Table 75. Views in the supplied Completed task (history) (HTASK) view set (continued)	
View	Notes
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.
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 76. 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.

Table 76. Fields in HTASK views (continued)		
Field	Attribute name	Description
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	ASFREET	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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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.

Table 76. Fields in HTASK views (continued)

Field	Attribute name	Description
BTS timer associated event requests	BATIAECT	The number of timer associated event requests issued by this task. This field includes: <ul style="list-style-type: none"> • 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 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: <ul style="list-style-type: none"> • 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.

Table 76. Fields in HTASK views (continued)		
Field	Attribute name	Description
CICS event wait time	CICSWAIT	This is a composite field displaying one of the following elements: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> The amount of time that this task has spent waiting for DB2 connections. The number of times the task waited for DB2 connections.
DB2 ready queue wait time	DB2RDYQW	This is a composite field displaying one of the following elements: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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	DETTRANATYPE	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: <ul style="list-style-type: none"> The elapsed time since the task was dispatched. The number of times this task was dispatched.

Table 76. Fields in HTASK views (continued)		
Field	Attribute name	Description
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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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.
Exception wait time	EXWAIT	This is a composite field displaying one of the following elements: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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.

Table 76. Fields in HTASK views (continued)		
Field	Attribute name	Description
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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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 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: <ul style="list-style-type: none"> 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.

Table 76. Fields in HTASK views (continued)

Field	Attribute name	Description
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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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	JRNLRITREQ	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: <ul style="list-style-type: none"> • 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).

Table 76. Fields in HTASK views (continued)

Field	Attribute name	Description
Total JVM elapsed time	JVMTIME	This is a composite field displaying one of the following elements: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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=THREADS SAFE when they issue DB2 requests.
Lock manager wait time	LOCKMGRWAIT	This is a composite field displaying one of the following elements: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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 times that policy system rules that have evaluated true and have triggered an action.
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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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.

Table 76. Fields in HTASK views (continued)

Field	Attribute name	Description
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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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).
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 TCIPSERVICE.
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.

Table 76. Fields in HTASK views (continued)		
Field	Attribute name	Description
Originating task start time	OSTART	The time when the originating task was started. The time is expressed in GMT.
Originating TCPIP SERVICE	OTCPSVCE	The name of the originating TCPIP SERVICE.
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	<p>This is a composite field displaying one of the following elements:</p> <ul style="list-style-type: none"> 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. <p>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.</p>
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.
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.

Table 76. Fields in HTASK views (continued)		
Field	Attribute name	Description
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 yyyyymmddhhmmss.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 yyyyymmddhhmmss.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.
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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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 76. Fields in HTASK views (continued)

Field	Attribute name	Description
QR TCB mode delay time	QRMODDLY	This is a composite field displaying one of the following elements: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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).
DL/I RMI elapsed time	RMIEXCIDLITM	This is a composite field displaying one of the following elements: <ul style="list-style-type: none"> 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).

Table 76. Fields in HTASK views (continued)

Field	Attribute name	Description
WebSphere MQ RMI elapsed time	RMIMQSERIEST	This is a composite field displaying one of the following elements: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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 76. Fields in HTASK views (continued)		
Field	Attribute name	Description
Run synchronous transaction wait time	RUNTRWTT	<p>This is a composite field displaying one of the following elements:</p> <ul style="list-style-type: none"> 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. <p>For CICS BTS this field will record the times this task spent waiting for a Run Process or Run Activity to execute synchronously.</p>
S8 TCB mode CPU time	S8CPUT	<p>This is a composite field displaying one of the following elements:</p> <ul style="list-style-type: none"> 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. <p>This mode is used when making secure sockets calls.</p>
Shared temporary storage I/O wait time	SHAREDTSWAIT	<p>This is a composite field displaying one of the following elements:</p> <ul style="list-style-type: none"> 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.
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	SHSTGGMCAV	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 SDISA.
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.
MVS SOS wait time	SMMVSSWT	<p>This is a composite field displaying one of the following elements:</p> <ul style="list-style-type: none"> The time that the user task waited because MVS storage was either SOS or constrained. The count of the number of times the user task waited because MVS storage was SOS or constrained.
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.
Indicate the task processed the first message in connection	SOCONMSG	Indicate whether the task processed the first message for establishing a new connection for a client.

Table 76. Fields in HTASK views (continued)

Field	Attribute name	Description
Inbound TCP/IP sockets I/O wait time	SOIOWTT	This is a composite field displaying one of the following elements: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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 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	SYNCPWAITTM	This is a composite field displaying one of the following elements: <ul style="list-style-type: none"> 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.

Table 76. Fields in HTASK views (continued)		
Field	Attribute name	Description
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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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.

Table 76. Fields in HTASK views (continued)

Field	Attribute name	Description
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: <ul style="list-style-type: none"> 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.
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: <ul style="list-style-type: none"> byte 0 - Nature: <ul style="list-style-type: none"> X'00' - Not applicable X'01' - Terminal X'02' - Session byte 1 - Session Type: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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 initialization 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

Table 76. Fields in HTASK views (continued)

Field	Attribute name	Description
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	<p>This is a composite field displaying one of the following elements:</p> <ul style="list-style-type: none"> The elapsed time in which the user task waited for redispach 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 redispach after a CICS Dispatcher change-TCB mode request was issued by or on behalf of the user task. <p>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.</p>
Number of Document Delete requests	TMRDHLC	The number of document delete requests issued by this task.
Dispatcher MVS storage constraint wait time	TMRDSCWT	<p>This is a composite field displaying one of the following elements:</p> <ul style="list-style-type: none"> 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	<p>This is a composite field displaying one of the following elements:</p> <ul style="list-style-type: none"> 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.

Table 76. Fields in HTASK views (continued)		
Field	Attribute name	Description
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.
IPCONN I/O wait time	TMRISWT	This is a composite field displaying one of the following elements: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> The key 8 mode CPU time used by this task. The number of times that this task was dispatched in key 8 mode.

Table 76. Fields in HTASK views (continued)

Field	Attribute name	Description
User task key 8 mode dispatch time	TMRKY8DS	This is a composite field displaying one of the following elements: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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	TMRML9CPU	This is a composite field displaying one of the following elements: <ul style="list-style-type: none"> 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 time	TMRMQAST	This is a composite field displaying one of the following elements: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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).
Node.js Application name	TMRNJAPN	Node.js Application name from which the task was started.
OTS indoubt wait time	TMROIDWT	This is a composite field displaying one of the following elements: <ul style="list-style-type: none"> 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.

Table 76. Fields in HTASK 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 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.
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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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	TMRROPWT	This is a composite field displaying one of the following elements: <ul style="list-style-type: none"> 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 76. Fields in HTASK views (continued)

Field	Attribute name	Description
Request receiver wait time	TMRQRWT	This is a composite field displaying one of the following elements: <ul style="list-style-type: none"> 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.
Outbound TCP/IP sockets I/O wait time	TMRSOOWT	This is a composite field displaying one of the following elements: <ul style="list-style-type: none"> 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	TMR SOPHW	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	TMR SOSCT	The number of socket send requests issued by this task.
Total number of socket requests	TMR SOTC	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: <ul style="list-style-type: none"> 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	TMRTCP SV	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

Table 76. Fields in HTASK views (continued)		
Field	Attribute name	Description
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	TMRWBBOC	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.
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	<p>This is a composite field displaying one of the following elements:</p> <ul style="list-style-type: none"> 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.

Table 76. Fields in HTASK views (continued)

Field	Attribute name	Description
User task X9 mode CPU time	TMRX9CPU	This is a composite field displaying one of the following elements: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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	TRANATYPE	The transaction start type. Values are: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> The total temporary storage I/O wait time. The number of times this task waited for temporary storage I/O.
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 EDSA	USRPS31HWM	The high-water-mark number of bytes used by this task for programs in the EDSA.

Table 76. Fields in HTASK views (continued)

Field	Attribute name	Description
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: <ul style="list-style-type: none"> The average time the task spent waiting for redispach. The number of times this task waited for redispach.
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.
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	WLMSRVNAME	The MVS Workload Manager (WLM) service class for this transaction.

Task history collection - MASHIST

The **CICS region history collection** (MASHIST) view displays information about the status of CICSplex SM history recording for CICS regions. Support for historical task data builds upon CICSplex SM resource monitoring. It requires monitor definitions to be installed with a monitoring resource class of MTRAN to specify the IDs of the transactions for which you wish to save historical task data. Additionally VSAM data

sets must be defined and allocated to the MAS region by means of DD cards, and the desired monitoring facility parameters set.

Supplied views

To access from the main menu, click:

History views > History Views > Task history collection

Table 77. Views in the supplied MAS history (MASHIST) view set	
View	Notes
MAS history EYUSTARTMASHIST.DETAILED	Detailed information about the current status of history recording for CICS regions.
MAS history EYUSTARTMASHIST.RESUME	Resume CICSplex SM history recording for the CICS region. If history recording for the CICS region is currently suspended, it will now resume and become active again.
MAS history EYUSTARTMASHIST.SUSPEND	Suspend CICSplex SM history recording for the CICS region. No further historical task records will be collected until an action is taken to resume history recording for the region.
MAS history EYUSTARTMASHIST.TABULAR	Tabular information about the current status of history recording for CICS regions.

Actions

Table 78. Actions available for MASHIST views	
Action	Description
RESUME	Resume CICSplex SM history recording for the CICS region. If history recording for the CICS region is currently suspended, it will now resume and become active again.
SUSPEND	Suspend CICSplex SM history recording for the CICS region. No further historical task records will be collected until an action is taken to resume history recording for the region.

Fields

Table 79. Fields in MASHIST views		
Field	Attribute name	Description
Current data set suffix	CDSSUF	The suffix of the current VSAM KSDS data set containing historical data for the CICS region
Number of records on current data set	CRECCNT	The number of records in the current history data set.
Number of times current data set has wrapped	CWRAPCNT	The number of times the current history data set has wrapped. The data set wraps when it is full.
Number of History data sets	HDSCOUNT	The number of history data sets available.

Table 79. Fields in MASHIST views (continued)		
Field	Attribute name	Description
History reason code	REASON	Reason code from the historical data recorder task. Values are: <ul style="list-style-type: none"> • IOERROR - An unexpected error occurred while reading from the EYUHISTx datasets. This may be because of a problem with the file definitions, or because of a problem with a query to the CICSplex SM EYUPARMs relating to the MAS history recorder function. • INVALIDFILE - One or more attributes for the EYUHISTx datasets are unacceptable for the MAS history recorder function. • OK - The MAS history recorder is operational. • NOTAVAILABLE - The MAS history recorder requires at least two EYUHISTx history datasets before becoming available for history recording.
History recorder status	STATUS	Identifies whether or not the historical data recorder task is in any of the following states: <ul style="list-style-type: none"> • ACTIVE - The MAS history recorder is available to record task records. • INACTIVE - The MAS history recorder is not available to record task records. • SUSPEND - The MAS history recorder has been temporarily prevented from recording task records. • SUSPENDING - The MAS history recorder is going into a SUSPEND status. Task records are no longer being recorded. The recorder STATUS field will change to SUSPEND when the recorder receives the next task record. • RESUMING - The MAS history recorder is starting to record task records again. The recorder STATUS field will change to ACTIVE when the recorder receives the next task record.
Task ID of Current Recorder	TASKNO	The ID of the history recorder task .

MASs known to CICSplex - MAS

The **MASs known to CICSplex** (MAS) views display information about MASs known to CICSplex.

Supplied views

To access from the main menu, click:

History views > History Views > MASs known to CICSplex

Table 80. Views in the supplied MASs known to CICSplex (MAS) view set	
View	Notes
MASs known to CICSplex EYUSTARTMAS.CPSMDUMP	Capture a CICSplex SM diagnostic dump, including the MAS, the managing CMAS, and the ESSS (Environmental Services Subsystem) address spaces, and selected component data spaces.
MASs known to CICSplex EYUSTARTMAS.DETAIL1	Detailed real time analysis information about a selected MAS.
MASs known to CICSplex EYUSTARTMAS.DETAIL2	Detailed monitoring information about a selected MAS.
MASs known to CICSplex EYUSTARTMAS.DETAILED	Detailed general information about a selected MAS.

Table 80. Views in the supplied MASs known to CICSplex (MAS) view set (continued)	
View	Notes
MASs known to CICSplex EYUSTARTMAS.FORCEDISCON	Terminates the ESSS connection of the MAS. Note: Abends may occur if ForceDiscon is issued against an active system. ForceDiscon should only be used if the system terminated as a CICS system but remained connected to the ESSS. ForceDiscon can only be issued if a previous StopUncon was issued and did not terminate the system from the ESSS.
MASs known to CICSplex EYUSTARTMAS.SET	Change the attributes of a selected MAS.
MASs known to CICSplex EYUSTARTMAS.STOP	Stops the MAS agent code within a CICS system. Note: If a MAS is acting as a routing region for workload management, and the DTR program is EYU9XLOP, you cannot stop the MAS agent code.
MASs known to CICSplex EYUSTARTMAS.STOPUNCON	Stops the MAS agent code within a CICS system. Note: If a MAS is acting as a routing region for workload management, and the DTR program is EYU9XLOP, StopUncon will stop the MAS agent code. This may lead to EYUO abends in the MAS if subsequent routes are attempted.
MASs known to CICSplex EYUSTARTMAS.TABULAR	Tabular information about all MASs associated with the CICSplex identified as the context.

Actions

Table 81. Actions available for MAS views	
Action	Description
CPSMDUMP	Capture a CICSplex SM diagnostic dump, including the MAS, the managing CMAS, and the ESSS (Environmental Services Subsystem) address spaces, and selected component data spaces.
FORCEDISCON	Terminates the ESSS connection of the MAS. Note: Abends may occur if ForceDiscon is issued against an active system. ForceDiscon should only be used if the system terminated as a CICS system but remained connected to the ESSS. ForceDiscon can only be issued if a previous StopUncon was issued and did not terminate the system from the ESSS.
SET	Change the attributes of a selected MAS.
STOP	Stops the MAS agent code within a CICS system. Note: If a MAS is acting as a routing region for workload management, and the DTR program is EYU9XLOP, you cannot stop the MAS agent code.
STOPUNCON	Stops the MAS agent code within a CICS system. Note: If a MAS is acting as a routing region for workload management, and the DTR program is EYU9XLOP, StopUncon will stop the MAS agent code. This may lead to EYUO abends in the MAS if subsequent routes are attempted.

Fields

Table 82. Fields in MAS views		
Field	Attribute name	Description
Period definition name	ACTVTIME	The name of the period definition that identifies the hours during which this CICS system is to be running.
Autoinstall failure action	AINSFALL	The name of the action definition to be used when generating notification about the named condition. Specify inherit to derive the action definition action from the analysis specification.

Table 82. Fields in MAS views (continued)

Field	Attribute name	Description
Autoinstall request type	AUTOINST	<p>Indicates whether resources associated with the system through a resource description should be automatically installed when the MAS connects to the CMAS:</p> <ul style="list-style-type: none"> • ALWAYS - Install resources every time the MAS connects after a CICS startup. • COLDONLY - Install resources only when the MAS connects after a CICS INITIAL or COLD start. • NEVER - Resources should never be automatically installed in this CICS system. • WARMONLY - Install resources only when the MAS connects after a CICS warm start or emergency restart (AUTO).
Business Application Services (BAS) trace flags	BASTRACE	<p>Business Application Services trace flag settings.</p> <p>Alter trace flag settings only when asked to by IBM System Support center personnel.</p>
RS server bottom tier	BOTRSUPD	<p>This attribute applies to CICSplex SM sysplex optimized workloads. If the MAS is not at a sufficiently high enough release to support sysplex optimized workloads, then this value will contain zero, and will not be changeable to any other value.</p> <p>If the MAS is at high enough release for optimized workload support, then the following help explanation applies:</p> <p>For sysplex optimized workloads, this value is converted from a task load percentage to an actual task count. That count will be used to define the bottom tier task load range (from zero up to this value).</p> <p>The value range is from 1 to 25, or INHERIT.</p> <ul style="list-style-type: none"> • A value of INHERIT means assign the value that is specified for this attribute in the parent CICSplex definition (CPLEXDEF) object for this CICS region. This is the default setting for this attribute. • Values between 1 and 25 are applied as an arithmetic percentage to a region's MAXTASKS setting. The task count value from zero up to this value is deemed to be the task load bottom tier. If the task load in a region falls into this range, then it will be broadcast to the coupling facility for every change in the load. Once the load reaches this value, then the RS server update frequency task rules will be activated. <p>The default value is 1%. You may change this value here to dynamically change the value assigned to the current CICS region. If you want the change to be applied to this CICS region after it has been restarted, then you must also change this value in the CICS system definition panel.</p> <p>You should only change this value after giving consideration to the impact that the change may have on your workload and coupling facility throughput.</p>
Cache services trace flags	CHETRACE	<p>The cache services trace flag settings.</p> <p>Alter trace flag settings only when asked to by IBM System Support center personnel.</p>
CICS system name	CICSNAME	<p>The name of a CICS system that is currently known to CICSplex SM. Once a CICS system makes itself known to CICSplex SM, it is considered a MAS.</p>
Sample interval for CICS region monitoring	CICSSAMP	<p>The number of seconds in the range 1 - 86400 that CICSplex SM is to wait between requests to collect sample data for the named type of monitoring. A value of 0 means that no resource monitoring is to occur.</p>

Table 82. Fields in MAS views (continued)

Field	Attribute name	Description
MAS status	CICSSTATE	<p>The status of the MAS is either ACTIVE or INACTIVE. CICSplex SM can only manage MASs that are active.</p> <ul style="list-style-type: none"> • ACTIVE <ul style="list-style-type: none"> – The CICS system is active and connected to CICSplex SM. • INACTIVE <ul style="list-style-type: none"> – The CICS system is inactive, or not connected to CICSplex SM, or communication to the CMAS that manages the MAS is not active. <p>A MAS can be inactive for one of two reasons:</p> <ul style="list-style-type: none"> • The Stop action was used to stop the MAS agent • The CICS system itself is inactive, but is still known <p>Other valid options are LOSTCONN, LOSTCMAS, and LOSTMAS. Note: If this field is blank, the MAS is temporarily between an inactive and active state.</p>
CMAS name	CMASNAME	The name of a CMAS that participates in the management of the specified MAS.
Communications trace flags	COMTRACE	<p>The communications trace flag settings.</p> <p>Alter trace flag settings only when asked to by IBM System Support center personnel.</p>
Sample interval for connection monitoring	CONNSAMP	The number of seconds in the range 1 - 86400 that CICSplex SM is to wait between requests to collect sample data for the named type of monitoring. A value of 0 means that no resource monitoring is to occur.
CPSM version of MAS	CPSMVER	The CICSplex SM version of the current MAS.
Data repository services trace flags	DATTRACE	<p>The data repository services trace flag settings.</p> <p>Alter trace flag settings only when asked to by IBM System Support center personnel.</p>
Daylight saving time in effect	DAYLGHTSV	<p>Indicates whether you are currently recognizing daylight saving time. Specify:</p> <ul style="list-style-type: none"> • YES - Recognize daylight saving time. • NO - Do not recognize daylight saving time. • INHERIT - Use the value assigned to the daylight time indicator assigned to the CMAS to which this CICS system is connected, or the primary CMAS, if the CICS system is inactive. • N_A - Not applicable.
Sample interval for DB2/DBCTRL monitoring	DBXSAMP	The number of seconds in the range 1 - 86400 that CICSplex SM is to wait between requests to collect sample data for the named type of monitoring. A value of 0 means that no resource monitoring is to occur.
CICS system description	DESC	A description of the CICS system.
Sample interval for file monitoring	FILESAMP	The number of seconds in the range 1 - 86400 that CICSplex SM is to wait between requests to collect sample data for the named type of monitoring. A value of 0 means that no resource monitoring is to occur.
Sample interval for global region monitoring	GLBLSAMP	The number of seconds in the range 1 - 86400 that CICSplex SM is to wait between requests to collect sample data for the named type of monitoring. A value of 0 means that no resource monitoring is to occur.
Host Name	HOST	The 116-character host name of the system (for example, www.example.com), or its dotted decimal IP address (for example, 9.20.181.3). This is used for IPIC SYSLINK connections.
Sample interval for journal monitoring	JRNLSAMP	The number of seconds in the range 1 - 86400 that CICSplex SM is to wait between requests to collect sample data for the named type of monitoring. A value of 0 means that no resource monitoring is to occur.

Table 82. Fields in MAS views (continued)

Field	Attribute name	Description
Kernel linkage trace flags	KNLTRACE	The kernel linkage trace flag settings. Alter trace flag settings only when asked to by IBM System Support center personnel.
MAS services trace flags	MASTRACE	The MAS services trace flag settings. Alter trace flag settings only when asked to by IBM System Support center personnel.
MAS type	MASTYPE	The type of relationship that exists between this MAS and the specified CMAS: <ul style="list-style-type: none"> • LOCAL - The MAS resides in the same MVS image as the CMAS and uses the CICSplex SM ESSS facility to communicate with it. • REMOTE - The MAS is a stand-alone CICS region (SMSS). • N_A - The MAS is not currently active; its type cannot be determined.
Monitoring status	MONSTATUS	Indicates whether resource monitoring is active in this MAS. The valid values are: <ul style="list-style-type: none"> • YES <ul style="list-style-type: none"> – Resource monitoring is active in this MAS. • NO <ul style="list-style-type: none"> – Resource monitoring is inactive in this MAS. If the MAS has just been initialized or has been updated to turn monitoring on, this value is displayed until monitoring is fully initialized. • N_A <ul style="list-style-type: none"> – The MAS is not connected to its CMAS (the MAS Status field shows INACTIVE). • FORCE <ul style="list-style-type: none"> – To stop resource monitoring even if it is being used by real-time analysis. All resource monitoring will stop. If an evaluation definition names a monitor table resource, that evaluation definition becomes inactive. <p>Note: For Monitoring to become fully initialized the MAS must have a Monitoring Specification associated with it.</p>
Message services trace flags	MSGTRACE	The message services trace flag settings. Alter trace flag settings only when asked to by IBM System Support center personnel.
Action for CICS-at-maximum-tasks event	MXTACTION	The name of the action definition to be used when generating notification about the named condition. Specify inherit to derive the action definition action from the analysis specification.
Severity for CICS-at-maximum-tasks event	MXTSEV	The severity level that is to be associated with the named condition. The severity codes are: VLS, LS, LW, HW, HS, or VHS. Specify N_A to exclude this condition from monitoring.
Network ID	NETWORKID	The network ID of the system. NETWORKID is used in combination with the APPLID option to ensure unique naming for connecting systems via IPIC. This is used for IPIC SYSLINK connections.
Action for Non-responsive-MAS event	NRMACTION	The name of the action definition to be used when generating notification about the named condition. Specify inherit to derive the action definition action from the analysis specification.
Severity for Non-responsive-MAS event	NRMSEV	The severity level that is to be associated with the named condition. The severity codes are: VLS, LS, LW, HW, HS, or VHS. Specify N_A to exclude this condition from monitoring.
Port number	PORT	A decimal number, in the range 1 through 65535, specifying the port number to be used for outbound requests on this IPIC connection. That is, the number of the port on which the remote system will be listening. This is used for IPIC SYSLINK connections.

Table 82. Fields in MAS views (continued)

Field	Attribute name	Description
Primary CMAS name	PRICMAS	The name of the CMAS that is assigned the task of monitoring the availability of this CICS system.
Sample interval for program monitoring	PROGSAMP	The number of seconds in the range 1 - 86400 that CICSplex SM is to wait between requests to collect sample data for the named type of monitoring. A value of 0 means that no resource monitoring is to occur.
Queue services trace flags	QUETRACE	The queue services trace flag settings. Alter trace flag settings only when asked to by IBM System Support center personnel.
RS server read interval	READRS	<p>This attribute applies to CICSplex SM Sysplex Optimized Workloads. If the MAS is not at a sufficiently high enough release to support Sysplex Optimized Workloads, then this value will contain zero, and will not be changeable to any other value.</p> <p>If the MAS is at high enough release for Optimized Workload support, then the following help explanation applies:</p> <p>Within a workload running in optimized mode, this value specifies the minimum interval between region status refreshes that a routing region would request from the CICS CFDT server. This is the current value used by this CICS region.</p> <p>The value range is from 0 to 2000, and represents units of milliseconds:</p> <ul style="list-style-type: none"> • A value of 0 means that a routing region will request a status update of this region on every occasion that it examines this region's status. • Values between 1 and 2000 specify the minimum millisecond time interval that must expire before this region's status data can be refreshed. <p>A low value mean that the router will refresh a target's status from the RS server more often than for a higher value. For workloads in QUEUE mode, this will result in a task load more evenly balanced across the CICS regions in the workload target scope (assuming all other health and link factors are equal). However, the utilization of the RS server will be correspondingly increased, which may consequently result in a higher utilization of your coupling facility.</p> <p>A value of 1000 represents a one second interval. The default value is 200 milliseconds</p> <p>You may change this value here to dynamically change the value assigned to the current CICS region. If you want the change to be applied to this CICS region after it has been restarted, then you must also change this value in the CICS System definition panel.</p>
Monitoring data retention period	RETENTION	<p>The number of minutes collected data is to be kept after resource monitoring stops. (Resource monitoring stops when the CICS system stops or when the MAS view command is used to stop resource monitoring for the CICS system.) The retention period can be:</p> <ul style="list-style-type: none"> • 1 - 1440 <ul style="list-style-type: none"> – Collected data is to be kept the specified number of minutes. • 0 <ul style="list-style-type: none"> – Collected data is not to be kept.

Table 82. Fields in MAS views (continued)

Field	Attribute name	Description
Real time analysis status	RTASTATUS	<p>Indicates whether real time analysis (RTA) is active in this MAS. The valid values are:</p> <ul style="list-style-type: none"> • YES <ul style="list-style-type: none"> – System availability monitoring and MAS resource monitoring are active. • NO <ul style="list-style-type: none"> – No RTA monitoring is active. If the MAS has just been initialized or has been updated to turn analysis on, NO is displayed until RTA is fully initialized. • SAM <ul style="list-style-type: none"> – System availability monitoring is active. • MRM <ul style="list-style-type: none"> – MAS resource monitoring is active. • N_A <ul style="list-style-type: none"> – The MAS is not connected to its CMAS (the MAS Status field shows INACTIVE). <p>Note: For Real time analysis to become fully initialized the MAS must have a Real time analysis Specification associated with it.</p>
Real time analysis (RTA) trace flags	RTATRACE	<p>The real time analysis trace flag settings.</p> <p>Alter trace flag settings only when asked to by IBM System Support center personnel.</p>
Action for system availability monitoring event	SAMACTION	The name of the action definition to be used when generating notification about the named condition. Specify inherit to derive the action definition action from the analysis specification.
Severity for system availability monitoring event	SAMSEV	The severity level that is to be associated with the named condition. The severity codes are: VLS, LS, LW, HW, HS, or VHS. Specify N_A to exclude this condition from monitoring.
Action for system dump event	SDMACTION	The name of the action definition to be used when generating notification about the named condition. Specify inherit to derive the action definition action from the analysis specification.
Severity for system dump event	SDMSEV	The severity level that is to be associated with the named condition. The severity codes are: VLS, LS, LW, HW, HS, or VHS. Specify N_A to exclude this condition from monitoring.
Simulated security exemption check	SECBYPASS	<p>Indicates whether all simulated CICS security checking is to be bypassed for this CICS system:</p> <ul style="list-style-type: none"> • YES - Bypass all simulated CICS security checking for this CICS system. • NO - Do not bypass simulated CICS security checking for this CICS system. • INHERIT (asterisk) - Use the value assigned to the CICSplex with which this CICS system is associated. • N_A - Not applicable.
Simulated security command check	SECCMDCHK	<p>Indicates whether or not CICSplex SM security checking is to simulate CICS command checking for this CICS system. Specify:</p> <ul style="list-style-type: none"> • YES - Simulate CICS security checking for this CICS system. • NO - Do not simulate CICS security checking for this CICS system. • INHERIT - Use the value assigned to the CICSplex with which this CICS system is associated. • N_A - Not applicable.

Table 82. Fields in MAS views (continued)

Field	Attribute name	Description
Simulated security resource check	SECRESCHK	Indicates whether CICSplex SM security checking is to simulate CICS command checking for this CICS system. Specify: <ul style="list-style-type: none"> • YES - Simulate CICS security checking for this CICS system. • NO - Do not simulate CICS security checking for this CICS system. • INHERIT (asterisk) - Use the value assigned to the CICSplex with which this CICS system is associated.
Action for short on storage (SOS) event	SOSACTION	The name of the action definition to be used when generating notification about the named condition. Specify inherit to derive the action definition action from the analysis specification.
Severity for short on storage (SOS) event	SOSSEV	The severity level that is to be associated with the named condition. The severity codes are: VLS, LS, LW, HW, HS, or VHS. Specify N_A to exclude this condition from monitoring.
Common services trace flags	SRVTRACE	The external services trace flag settings. Alter trace flag settings only when asked to by IBM System Support center personnel.
Action for CICS-stalled event	STLACTION	The name of the action definition to be used when generating notification about the named condition. Specify inherit to derive the action definition action from the analysis specification.
Severity for CICS-stalled event	STLSEV	The severity level that is to be associated with the named condition. The severity codes are: VLS, LS, LW, HW, HS, or VHS. Specify N_A to exclude this condition from monitoring.
Action for transaction dump event	TDMACTION	The name of the action definition to be used when generating notification about the named condition. Specify inherit to derive the action definition action from the analysis specification.
Severity for transaction dump event	TDMSEV	The severity level that is to be associated with the named condition. The severity codes are: VLS, LS, LW, HW, HS, or VHS. Specify N_A to exclude this condition from monitoring.
Sample interval for TDQ monitoring	TDQSAMP	The number of seconds in the range 1 - 86400 that CICSplex SM is to wait between requests to collect sample data for the named type of monitoring. A value of 0 means that no resource monitoring is to occur.
Sample interval for terminal monitoring	TERMSAMP	The number of seconds in the range 1 - 86400 that CICSplex SM is to wait between requests to collect sample data for the named type of monitoring. A value of 0 means that no resource monitoring is to occur.
Time zone	TMEZONE	The time zone in which this CICS system is located. Specify: <ul style="list-style-type: none"> • A code in the range B through Z. • INHERIT - Inherit the time zone offset assigned to the CMAS to which this CICS system is connected, or the primary CMAS, if the CICS system is inactive. Note: If you specify * (asterisk) for any one of the time fields, you must specify asterisk for all three time fields.
Time zone offset	TMEZONEO	The adjustment value that is to be applied to the computed time. This value is used to resolve time references in areas that do not use a standard zone. Specify: <ul style="list-style-type: none"> • A value between 0 and 59 to identify the number of minutes to be added to the time for that time zone (for areas that do not use a standard time zone). • INHERIT - Inherit the time zone offset assigned to the CMAS to which this CICS system is connected, or the primary CMAS, if the CICS system is inactive

Table 82. Fields in MAS views (continued)

Field	Attribute name	Description
RS server top tier	TOPRSUPD	<p>This attribute applies to CICSplex SM sysplex optimized workloads. If the MAS is not at a sufficiently high enough release to support sysplex optimized workloads, then this value will contain zero, and will not be changeable to any other value.</p> <p>If the MAS is at high enough release for optimized workload support, then the following help explanation applies:</p> <p>For sysplex optimized workloads, this value is converted from a task load percentage to an actual task count. That count will be subtracted from the MAXTASK value for the region to determine top tier task load range.</p> <p>The value range is from 1 to 25, or INHERIT.</p> <ul style="list-style-type: none"> A value of INHERIT means assign the value that is specified for this attribute in the parent CICSplex definition (CPLEXDEF) object for this CICS region. This is the default setting for this attribute. Values between 1 and 25 are applied as an arithmetic percentage to a region's MAXTASKS setting. The resultant task count value is subtracted from the region's MAXTASKS setting to establish a task load top tier. If the task load in a region runs up to its MAXTASKS limit, then the task load must drop back below this value before the MAXTASKS state for the region is switched off and broadcast to the coupling facility. <p>The default value is 5%. You may change this value here to dynamically change the value assigned to the current CICS region. If you want the change to be applied to this CICS region after it has been restarted, then you must also change this value in the CICS system definition panel.</p> <p>You should only change this value after giving consideration to the impact that the change may have on your workload and coupling facility throughput.</p>
Topology trace flags	TOPTRACE	<p>The topology trace flag settings.</p> <p>Alter trace flag settings only when asked to by IBM System Support center personnel.</p>
Sample interval for transaction monitoring	TRANSAMP	<p>The number of seconds in the range 1 - 86400 that CICSplex SM is to wait between requests to collect sample data for the named type of monitoring. A value of 0 means that no resource monitoring is to occur.</p>
Trace services trace flags	TRATRACE	<p>The trace services trace flag settings.</p> <p>Alter trace flag settings only when asked to by IBM System Support center personnel.</p>

Table 82. Fields in MAS views (continued)

Field	Attribute name	Description
RS server update frequency	UPDATERS	<p>This attribute applies to CICSplex SM sysplex optimized workloads. If the MAS is not at a sufficiently high enough release to support sysplex optimized workloads, then this value will contain zero, and will not be changeable to any other value.</p> <p>If the MAS is at high enough release for optimized workload support, then the following help explanation applies:</p> <p>Within a workload running in optimized mode, this value specifies the frequency with which the CICS CFDT (RS) server will be called to modify the value of the task load within a target CICS region. This is the current value used by this CICS region.</p> <p>The value range is from 0 to 25:</p> <ul style="list-style-type: none"> • A value of 0 means that the RS server is not notified of any task load count changes, which disables the optimized workload function for this CICS region. • Values between 1 and 25 are applied as an arithmetic percentage to a region's MAXTASKS setting. The resultant task count value is used as a numeric threshold to drive an update call to the RS server. <p>For example, with a MAXTASKS setting of 120, and with this attribute set to 20, the RS server will be called to update the WLM load count when the regions task count changes between:</p> <ul style="list-style-type: none"> • 23 and 24 tasks - (20%), • 47 and 48 tasks - (40%), • 71 and 72 tasks - (60%), • 95 and 96 tasks - (80%), • 119 and 120 tasks - (100%). <p>The RS server would be updated when a regions task load increments or decrements across these boundaries.</p> <p>If you specify a value that is at the lower end of the 1-25 scale, then that will cause an increase in the frequency of updates to the RS server across its task load range. For workloads in QUEUE mode, this will result in a task load more evenly balanced across the CICS regions in the workload target scope (assuming all other health and link factors are equal) . However, the utilization of the RS server will be correspondingly increased, which may consequently result in a higher utilization of your coupling facility.</p> <p>You may change this value here to dynamically change the value assigned to the current CICS region. If you want the change to be applied to this CICS region after it has been restarted, then you must also change this value in the CICS System definition panel.</p>
WLM optimization enablement	WLMOPTEN	<p>This attribute shows if optimized workload routing is enabled.</p> <p>When set to ENABLED, this region can utilize optimized workload management.</p> <p>If this attribute is set to DISABLED, then optimized workload management is suppressed.</p> <p>The value can be changed to dynamically alter the value assigned to the current CICS region. If this change is to be applied to this CICS region after it has been restarted, then you must also change this value in the CICS System definitions panel.</p>

Table 82. Fields in MAS views (continued)

Field	Attribute name	Description
Task load queue mode	WLMQMODE	<p>This attribute is used by CICSplex SM Workload Manager and applies to target regions. This value specifies how the queued task load of a target CICS region is to be evaluated:</p> <ul style="list-style-type: none"> • MAXTASK - specifies that both active and MAXTASK queued tasks are to be included in the task load evaluation for the region. • ALL - specifies that the task load evaluation for the region will include active tasks, tasks queued for the MAXTASK limit and tasks that are queued because of a TRANCLASS limit. <p>The default value is ALL.</p> <p>If this value specifies N_A, then the current MAS is not at a high enough CICS release to support this function, and you will not be able to change it to any other value.</p> <p>You may change this value here to dynamically change the value assigned to the current CICS region. If you want the change to be applied to this CICS region after it has been restarted, then you must also change this value in the CICS System definition panel.</p>
Workload manager status	WLMSTATUS	<p>Indicates whether the workload manager (WLM) is active in this MAS. The valid values are:</p> <ul style="list-style-type: none"> • YES <ul style="list-style-type: none"> – The workload manager (WLM) is active in this MAS. • NO <ul style="list-style-type: none"> – The workload manager (WLM) is inactive in this MAS. If the MAS has just been initialized or has been updated to turn workload management on, this value is displayed until WLM is fully initialized. • N_A <ul style="list-style-type: none"> – The MAS is not connected to its CMAS (the MAS Status field shows INACTIVE). <p>Note: For the workload manager to become fully initialized the MAS must have a workload manager Specification associated with it.</p>
Task load health threshold	WLMTHRSH	<p>This attribute is used by CICSplex SM Workload Manager. It specifies a percentage threshold of the current region's task load, which is calculated by dividing the current task count by the maximum task count. When the load for a target region reaches this threshold, then WLM considers the region to be relatively unhealthy. This will cause higher link weights to be applied to the WLM routing algorithm when evaluating this region.</p> <p>When a target scope covers local and remote regions relative to the router, then WLM will favour local targets over remote ones. The effect of this attribute is that when this load threshold in the local regions is achieved, then WLM will start to favour remote targets instead. When all targets in the scope achieve this load threshold, then WLM will revert to favouring local targets again.</p> <p>The value range is from 1 to 100, and the default value is 60. If this value specifies 0, then the current MAS is not at a high enough CICS release to support this function, and you will not be able to change it to any other value.</p> <p>Note: this value is nullified when applied to the routing factor of link neutral dynamic routing requests. This is because the link weight itself is ignored for the LNQUEUE and LNGOAL algorithms.</p> <p>You may change this value here to dynamically change the value assigned to the current CICS region. If you want the change to be applied to this CICS region after it has been restarted, then you must also change this value in the CICS System definition panel.</p>
Workload management trace flags	WLMTRACE	<p>The workload management trace flag settings.</p> <p>Alter trace flag settings only when asked to by IBM System Support center personnel.</p>

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CICS supplies some documentation that can be considered to be Programming Interfaces, and some documentation that cannot be considered to be a Programming Interface.

Programming Interfaces that allow the customer to write programs to obtain the services of CICS Transaction Server for z/OS, Version 5 Release 6 are included in the following sections of the online product documentation:

- [Developing applications](#)
- [Developing system programs](#)
- [CICS TS security](#)
- [Developing for external interfaces](#)
- [Application development reference](#)
- [Reference: system programming](#)
- [Reference: connectivity](#)

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- [Troubleshooting and support](#)
- [CICS TS diagnostics reference](#)

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- Application Programming Guide and Application Programming Reference
- Business Transaction Services
- Customization Guide

- C++ OO Class Libraries
- Debugging Tools Interfaces Reference
- Distributed Transaction Programming Guide
- External Interfaces Guide
- Front End Programming Interface Guide
- IMS Database Control Guide
- Installation Guide
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- Supplied Transactions
- CICSplex SM Managing Workloads
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- Problem Determination Guide
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