CICS Transaction Server for z/OS

CICSPlex SM Monitor Views Reference

Version 3 Release 2

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Contents

Preface

This book provides usage information for the IBM® CICSPlex SM (CICSPlex SM) element of CICS Transaction Server for z/OS. It describes the CICSPlex SM Web User Interface views that can be used to monitor and control multiple CICS® systems.

Who this book is for

This book addresses the needs of:

- CICS operators responsible for the operation of CICS systems at an enterprise
- System programmers responsible for the monitoring and control of those CICS systems

What you need to know

Before reading this book, you should have read the *CICSPlex System Manager User Interface Guide* and you should be familiar with the CICSPlex SM interface.

Terminology

In the text of this book, the term **CICSPlex SM** (spelled with an uppercase letter *P*) means the IBM CICSPlex SM element of CICS Transaction Server for z/OS, Version 3 Release 2. The term **CICSplex** (spelled with a lowercase letter *p*) means the largest set of CICS systems to be managed by CICSPlex SM as a single entity.

Other terms used in this book are:

CICS   The CICS element of CICS TS for z/OS®.

MVS™   The operating system which is a base element of z/OS.

The phrase *issue the command* is used in this book to mean that the command may either be typed in the COMMAND field of an Information Display panel or invoked by pressing the PF key to which it is assigned. When the location of the cursor affects command processing, this phrase means that you can do one of the following:

- Type the command in the COMMAND field, place the cursor on the appropriate field, and press Enter.
- Move the cursor to the appropriate field and press the PF key to which the command is assigned.

For an explanation of the CICSPlex SM terms used in this book, please refer to the Glossary.

Syntax notation and conventions used in this book

The syntax descriptions of the CICSPlex SM commands use the following symbols:

- Braces { } enclose two or more alternatives from which one must be chosen.
- Square brackets [ ] enclose one or more optional alternatives.
- The OR symbol | separates alternatives.

The following conventions also apply to CICSPlex SM syntax descriptions:

- Commands and keyword parameters are shown in uppercase characters. If a command or parameter may be abbreviated, the minimum permitted abbreviation is in uppercase characters; the remainder is shown in lowercase characters and may be omitted.
- Variable parameters are shown in lowercase characters. You must replace them with your own information.
- Parameters that are not enclosed by braces { } or brackets [ ] are required.
- A default parameter value is shown like this: <u>KEYWORD</u>. It is the value that is assumed if you do not select one of the optional values.
- Punctuation symbols, uppercase characters, and special characters must be coded exactly as shown.

  Note: A semicolon ; is shown as the command delimiter in examples using multiple commands. For information about using and changing the command delimiter, see the *CICSPlex System Manager User Interface Guide*.
- The ellipsis ... means that the immediately preceding parameter can be included one or more times.

View descriptions

Each view description includes a brief description of the information presented, information about the availability of the view for supported CICS releases, detailed instructions on accessing the view, and lists of any action commands, overtype fields, and hyperlink fields that are available. Each topicsection of a view description is clearly identified by appropriate headers. Action commands, overtype fields, and hyperlink fields are presented in a tabular format. If there are no action commands, overtype fields, or hyperlink fields for a view, this is indicated by the word "None."

CICS system connectivity

This release of CICSPlex SM can be used to control CICS systems that are directly connected to it.

For this release of CICSPlex SM, the connectable CICS systems are:
- CICS Transaction Server for z/OS 3.1
- CICS Transaction Server for z/OS 2.3
- CICS Transaction Server for z/OS 2.2
- CICS Transaction Server for OS/390® 1.3

You can use this release of CICSPlex SM to control systems running supported releases of CICS that are connected to, and managed by, your previous release of CICSPlex SM. However, if you have any directly-connectable release levels of CICS, as listed above, that are connected to a previous release of CICSPlex SM, you are strongly recommended to migrate them to the current release of CICSPlex SM, to take full advantage of the enhanced management services. See the *CICS Transaction Server for z/OS Migration from CICS TS Version 2.3* for information on how to do this.

Table 1 on page vii shows which supported CICS systems can be directly connected to which releases of CICSPlex SM.

Table 1. Directly-connectable CICS systems by CICSPlex SM release

CICS system	CICSPlex SM component of CICS TS 3.1	CICSPlex SM component of CICS TS 2.3	CICSPlex SM component of CICS TS 2.2	CICSPlex SM component of CICS TS 1.3
CICS TS 3.1	Yes	No	No	No
CICS TS 2.3	Yes	Yes	No	No
CICS TS 2.2	Yes	Yes	Yes	No
CICS TS 1.3	Yes	Yes	Yes	Yes
TXSeries 4.3.0.4	No	Yes	Yes	No
TXSeries 5.0	No	Yes	Yes	No

Summary of changes

This book is based on the CICSPlex SM for CICS Transaction Server for z/OS, Version 2 Release 1 edition.

Changes for CICS Transaction Server for z/OS, Version 3 Release 2

For information about changes that have been made in CICS Transaction Server for z/OS, Version 3 Release 2, please refer to *What's New* in the information center, or the following publications:
- *CICS Transaction Server for z/OS Release Guide*
- *CICS Transaction Server for z/OS Migration from CICS TS Version 3.1*
- *CICS Transaction Server for z/OS Migration from CICS TS Version 2.3*
- *CICS Transaction Server for z/OS Migration from CICS TS Version 2.2*
- *CICS Transaction Server for z/OS Migration from CICS TS Version 1.3*

Changes for CICS Transaction Server for z/OS, Version 2 Release 2

There has been a change in CICSPlex SM field naming conventions in this release. Data set name fields such as DSNAME, file name fields such as LOCFILE and REMFILE, and transient data queue names such as EXTRATDQ and INTRATDQ are now case-sensitive. When entering data set and file names into the CICSPlex SM interfaces (EUI, API and WUI), ensure that you enter the data in the correct case. In previous releases of CICSPlex SM, the data set names and file names are automatically converted to upper case.

There are no other significant changes to this book for CICS Transaction Server for z/OS, Version 2 Release 2.

Changes for CICS Transaction Server for z/OS, Version 2 Release 1

There are no changes to this book for CICS Transaction Server for z/OS, Version 2 Release 1.

Changes for CICS Transaction Server for OS/390, Version 1 Release 3

The following additions and changes made to the functions of the CICSPlex SM element of affect the contents of this book.
- To support CICS-maintained data tables, there are two new views, MCMDT2 and MCMDT3
- The MLOCTRA2 and MLOCTRA3 views have been redesigned, and there is a new view, MLOCTRA4.

Chapter 1. Introduction

This book describes those CICSPlex SM Web User Interface (WUI) views that support day-to-day operation and management of the CICS resources in an enterprise. It is intended for CICS operators who are responsible for running CICS-supplied transactions, such as the CICS Master Terminal Transaction (CEMT), to manage CICS resources.

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

The WUI views consist of a set of *operations views* used to control CICS resources, a largely matching set of *monitor views* used to monitor resources, and sets of *definition views* used to manage CICSPlex SM definitions while they are active in a CICSplex. The monitor view commands are described in this book. The operations view commands are described in *CICSPlex System Manager Operations Views Reference*; the CICSPlex SM definitions are described in the relevant CICSPlex SM book: *CICSPlex System Manager Managing Workloads*, *CICSPlex System Manager Managing Resource Usage*, and *CICSPlex System Manager 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 System Manager Web User Interface Guide*.

This book describes the monitor views. Step-by-step examples of how to use the views to perform some typical operations tasks are also provided.

The views used to define the CMAS configuration and topology of a CICSPlex SM environment are described in Configuring a CMAS in *CICSPlex System Manager Administration*.

Chapter 2. Monitoring CICS resources

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

Note:

1. Monitor data is available only for resources that are currently being monitored by CICSPlex SM. For information about defining the resources to be monitored, see the discussion of resource monitoring in Defining resource monitoring attributes in *CICSPlex System Manager Managing Resource Usage*.

2. Monitor 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

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.

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.

Chapter 3. 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 on 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:

```
EYUEIO596E  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 4. 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 2. Actions available for POLMON views

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

Fields

Table 3. Fields in POLMON views

Field	Attribute name	Input values
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.
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.
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.

Table 3. Fields in POLMON views (continued)

Field	Attribute name	Input values
Monitoring resource class	RESCLASS	The monitor resource class. Options are: MCICS, MCONN, MGLBL, MDBX, MFILE, MJRNL, MPROG, MTDQS, MTERM, MTRAN.
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.
	NAME	The name of the monitor definition.

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 4. Views in the supplied **Monitor data for DSA** *(MCICSDSA) view set*

View	Notes
Monitor data for DSA EYUSTARTMCICSDSA.RESET	Reset all Monitoring instance attributes.
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.TABULAR	Tabular information about dynamic storage areas (DSAs) within each monitored CICS system.
Monitor data for DSA EYUSTARTMCICSDSA.DETAILED	Detailed information about a selected dynamic storage area.

Actions

Table 5. Actions available for MCICSDSA views

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

Fields

Table 6. Fields in MCICSDSA views

Field	Attribute name	Input values
Number of FREEMAIN requests	FREMTOTL	The number of FREEMAIN requests from this dynamic storage area.
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 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.
Peak size of DSA	STGHWM	The peak size of the DSA.
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.
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. |
| 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 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 6. Fields in MCICSDSA views (continued)

Field	Attribute name	Input values
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.
Free storage size	STGFSIZE	The amount of free storage, including the cushion, in this dynamic storage area. This field is not applicable to GCDSA.
Current DSA allocated above/below 16M line	CURRALLOC	Current DSA size expressed in bytes.
Number of current suspended storage requests	NSTGTSUSP	The number of GETMAIN requests currently suspended for insufficient storage.
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.
Percentage of available pool storage	POOLPCTFREE	Available amount of space from all DSA pool allocations above or below the 16M line.
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.
Number of Add Subpool requests	ASUBTOTL	The number of requests to create a domain or task subpool from this dynamic storage area.
Peak number of common subspace users	HWMCMNSSUSRS	The largest number of common subspace user requests at any one time.
Peak number of unique subspace users	HWMUNQSSUSRS	The largest number of unique subspace user requests at any one time.
Number of times requests were suspended	STGSTOTL	The number of times a GETMAIN request with SUSPEND(YES) was suspended because of insufficient storage.
Storage occupied by not-in-use programs	PGMONIU	The amount of storage in this dynamic storage area that is occupied by Not-In-Use (NIU) programs.
Number of storage violations	STGVTOTL	The number of storage violations recorded in this dynamic storage area.

Table 6. Fields in MCICSDSA views (continued)

Field	Attribute name	Input values
Smallest amount of free storage available	LWMFREE	The smallest amount of storage that was free for this CICS execution.
Number of times NOSTORAGE returned	NSTGTOTL	The number of times a GETMAIN request with SUSPEND(NO) returned an insufficient storage condition.
Current tasks allocated a unique subspace	CURUNQSSUSRS	The current number of unique subspace user requests.
Cumulative number of common subspace users	CUMCMNSSUSRS	The cumulative number of common subspace users.
Peak DSA allocated above/below 16M line	HWMALLOC	Contains the peak page storage allocated to support the storage requirements of this subpool.
Number of Delete Subpool requests	DSUBTOTL	The number of requests to delete a domain or task subpool from this dynamic storage area.
Number of GETMAIN requests	GETMTOTL	The number of GETMAIN requests from this dynamic storage area.
Peak number of suspended storage requests	STGSHWM	The maximum number of GETMAIN requests suspended for insufficient storage at any one time.
Cumulative number of unique subspace users	CUMUNQSSUSRS	The cumulative number of unique subspace user requests for this CICS execution.
Number of requests for MVS storage causing wait	REQSWAITMVS	The number of requests for MVS storage causing waits
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.
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.
Number of current subpools	STGNSUBP	The current number of domain or task subpools in this dynamic storage area.
Largest free area size	STGLSIZE	The length in bytes of the largest contiguous free area in this dynamic storage area.
DSA Size	SIZE	The size of the dynamic storage area in bytes.
Current number of common subspace users	CURCMNSSUSRS	The current number of common subspace user requests.

Table 6. Fields in MCICSDSA views (continued)

Field	Attribute name	Input values
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.
Total time waiting for MVS storage	TIMEWAITMVS	The total amount of time that CICS has been waiting for storage in this dynamic storage area.
Dynamic storage area (DSA)	NAME	The name of the dynamic storage area, as one of the following: • CDSA, UDSA, ECDSA, EUDSA, ERDSA • RDSA, SDSA, ESDSA, GCDSA
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.
Number of tasks purged while waiting	STGPWCNT	The number of GETMAIN requests that were purged while suspended for insufficient storage.
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.

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 7. Views in the supplied **Monitor data for CICS regions** *(MCICSRGN) view set*

View	Notes
Monitor data for CICS regions EYUSTARTMCICSRGN.RESET	Resets the CICSPlex SM statistics counters associated with the CICS system to 0.

Table 7. Views in the supplied **Monitor data for CICS regions** *(MCICSRGN) view set (continued)*

View	Notes
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.TABULAR	Tabular information about monitored CICS systems.
Monitor data for CICS regions EYUSTARTMCICSRGN.DETAILED	Detailed information about a selected CICS system.
Monitor data for CICS regions EYUSTARTMCICSRGN.DETAIL1	Detailed information about a selected CICS system.

Actions

Table 8. Actions available for MCICSRGN views

Action	Description
RESET	Resets the CICSPlex SM statistics counters associated with the CICS system to 0.
DISCARD	Removes a CICS system from CICSPlex SM monitoring for the current sample period and discards its accumulated statistics.

Fields

Table 9. Fields in MCICSRGN views

Field	Attribute name	Input values
Autoinstall enabled status	AINSSTAT	The status of the autoinstall process (ENABLED or DISABLED).
Number of times MAXTASK limit reached	MAXTRCNT	The number of times the MAXTASK limit has been reached.
Number of failed program autoinstall attempts	PROGAUTOFAIL	The number of program autoinstall requests that have failed.
Page-out rate for monitor interval	INTPGORATE	The average rate of page-out requests by this CICS system over the monitor interval.
DCE - total requests received	DCETOTREQSRV	Total number of requests received in the distributed computing environment.
Peak AMAX rate for current sample	CURPAMAXRATE	The peak AMAX rate for the current sample.
Total number of tasks	TOTLTASKS	The number of tasks that have run in the system since the beginning of the CICS run.

Table 9. Fields in MCICSRGN views (continued)

Field	Attribute name	Input values
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.
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.
Average CPU usage over monitor interval	INTCPUPER	The average rate of CPU usage by this CICS system over the 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.
DCE - total queued waiting time	DCETOTWTTIME	Total queued waiting time in the distributed computing environment.
MVS system ID	MVSSYSID	The system ID of the MVS system where this CICS is running.
Peak task rate for interval	INTPTSKRATE	Peak task rate for the 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.
Total number of queued user transactions	TOTDELYUSRTR	The total number of queued user transactions.
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: • a user exit • the dump table
Peak number of tasks in system	PEAKTASKS	The peak value of the number of tasks concurrently in the system at any one time.
AMAX rate for current sample	CURAMAXRATE	The AMAX rate for the current sample
DCE - current requests waiting	DCECURREQS	The current number of active requests in the distributed computing environment.
External security manager option	EXTSEC	Indicates whether an external security manager (ESM) is active in this system.
DCE - peak requests waiting	DCEHWMREQS	The peak number of active requests in the distributed computing environment.
Number of VTAM sessions that persisted	PRSSNIBCNT	The total number of VTAM sessions that persisted.

Table 9. Fields in MCICSRGN views (continued)

Field	Attribute name	Input values
Time currently queued transactions waiting	CURQUETIME	The time spent waiting by those transactions that are currently queued for the transaction class.
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 times autoinstall prog request rejected	PROGAUTOXREJ	The number of times autoinstall program request were rejected
Job name	JOBNAME	The MVS jobname of this CICS system.
CICS system ID	SYSID	The system ID of this CICS system.
Number of programs removed by compression	PRGMRCMP	The number of program instances removed from storage by the Dynamic Program Storage Compression (DPSC) facility.
Maximum number of active tasks	AMAXTASKS	The maximum number of active tasks.
Number of times peak suspended tasks reached	LOADHWMC	The number of times the maximum number of suspended tasks was reached.
Current number of user tasks eligible for dispatch	CURRAMAX	The current number of user tasks that are eligible for dispatching.
Number of uses of any program by the CICS system	PRGMUCNT	The number of uses of any program by this CICS system.
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.
Page-out rate for current sample	CURPGORATE	The rate of page-out requests by this CICS system during the last sample period.
Real storage in use	REALSTG	The number of 1 kilobyte frames of real storage currently in use by this CICS.
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.
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.

Table 9. Fields in MCICSRGN views (continued)

Field	Attribute name	Input values
Current number of active user transactions	CURACTVUSRTR	The number of user transactions currently active in the transaction class.
Current number of queued user transactions	CURQUEDUSRTR	The number of user transactions currently queued for the transaction class.
Number of I/O requests	SIOREQ	The number of start I/O (SIO) requests made by this CICS since start of the current monitor interval.
Number of program autoinstall attempts	PROGAUTOATTM	The number of program autoinstall attempts.
AMAX rate for interval	INTAMAXRATE	The AMAX rate for the interval.
DCE - total requests for control services	DCETOTREQSCS	Total number of requests for control services in the distributed computing environment.
Total number of active user transactions	TOTACTVUSRTR	The total number of active user transactions in the transaction class.
Number of CICS persistent-session inquiries	PRSSINQCNT	The total number of times CICS issued INQUIRE OPTCD=PERSESS
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.
CPU usage during last sample period	CURCPUPER	The rate of CPU usage by this CICS system during the last sample period.
System dump status	SYSDUMP	Indicates whether the taking of CICS system dumps is globally suppressed.
DCE - peak requests waiting	DCEHWMREQSWT	The peak number of active requests waiting in the distributed computing environment.
Total CPU time used	CPUTIME	The amount of CPU time, in seconds, used by this CICS system since start of the current monitor interval.
Number of system dumps taken	SDMPTOTL	The number of system dumps taken by the whole system during the current run of CICS.
Task rate for interval	INTTASKRATE	The average rate of task execution in the system over the monitor interval.
DCE - total processing time	DCETOTPRTIME	Total processing time in the distributed computing environment.

Table 9. Fields in MCICSRGN views (continued)

Field	Attribute name	Input values
Interval ID	INTERVALID	The ID of the monitor interval.
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.
Number of persistent sessions successfully restored	PRSSOPNCNT	The total number of persisting sessions that were successfully restored.
Total load waiting time	LOADWAIT	The total amount of time suspended tasks spent waiting for loader domain requests to be satisfied.
Maximum number of active and suspended tasks	MAXTASKS	The maximum number of tasks, both active and suspended, allowed in the system at one time.
Last reset time	PLASTRESET	The last reset time.
Current number of waiting loader requests	PRGMWAIT	The current number of tasks that are suspended while waiting for loader domain requests to be satisfied.
CICS-VTAM connection status	VTMSTATUS	The status of the connection between CICS and VTAM.
Number of times RPL maximum value was reached	VTMRPLMAX	The number of times the maximum RPL posted value was reached.
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
CICS Release	RELEASE	The release of CICS being run on the system.
Page-in rate for monitor interval	INTPGIRATE	The average rate of page-in requests by this CICS system over the monitor interval.
Task rate for current sample	CURTASKRATE	The rate of task execution in the system during the last sample period.
DCE - current requests waiting	DCECURREQSWT	The current number of requests waiting in the distributed computing environment.
Page-in rate for current sample	CURPGIRATE	The rate of page-in requests by this CICS system during the last sample period.
CICS Transaction Server level	CTSLEVEL	The level of the CICS Transaction Server that this CICS system is running.
Peak AMAX rate for interval	INTPAMAXRATE	The peak AMAX rate for the current interval.

Table 9. Fields in MCICSRGN views (continued)

Field	Attribute name	Input values
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.
Peak number of queued user transactions	PEKQUEDUSRTR	The highest number of user transactions queued for the transaction class at any one time.
Total time queued transactions waited	TOTQUETIME	The total time spent waiting by all transactions that were queued for the transaction class.
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: • a user exit • the dump table • global system dump suppression
Number of programs on not-in-use queue	LOADPNIU	The number of programs on the Not-in-Use (NIU) queue.
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.
Persistent sessions error count	PRSSERRORCNT	The total number of persisting sessions that were already unbound when CICS tried to restore them.
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 persistent sessions that were terminated	PRSSUNBNDCNT	The number of persistent sessions that were terminated
Last statistics reset time	LASTRESET	The time that the statistics fields were last reset.
Number of times VTAM had short-on-storage status	VTMSOSCNT	The number of times VTAM experienced a temporary short on storage condition.
Number of MVS task control blocks (TCBs)	CUTCBCNT	The number of MVS task control blocks (TCB) attached by CICS in this region.
Peak task rate for current sample	CURPTSKRATE	The peak task rate for current sample.
Number of transaction dumps taken	TDMPTOTL	The number of transaction dumps taken by the whole system during the current run of CICS.
DCE - current work threads	DCEWORKTHRDS	The current number of work threads in the distributed computing environment.

Table 9. Fields in MCICSRGN views (continued)

Field	Attribute name	Input values
DCE - total requests received	DCETOTREQS	Total number of requests processed in the distributed computing environment.
Number of current autoinstall requests	AINSCREQ	The number of autoinstall requests that are currently being processed.
CICS status	CICSSTATUS	The current status of this CICS system, as one of the following: • 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 loading time	LOADTIME	The time taken for all library load requests.
Number of LUs currently logged on	LUCURR	The current number of logical units in session.
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.
Peak number of active user transaction	PEKACTVUSRTR	The highest number of user transactions active in the transaction class at any one time.
	DSGTOTMT	The total time spent in MVS storage waits.
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.
Interregion communication (IRC) status	IRCSTAT	The Interregion communication (IRC) status: OPEN, CLOSED, CLOSING, or IMMCLOSING
Maximum number of autoinstall requests	AINSMREQ	The maximum number of autoinstall requests that are allowed to queue at any one time.
Transactions since last CPSM statistics reset	INTVTRANS	The number of tasks run since the last CPSM statistics reset.
Highest number of LUs logged on at any one time	LUHWM	The highest number of logial units in session at any one time.

Table 9. Fields in MCICSRGN views (continued)

Field	Attribute name	Input values
Number of page-out requests	PAGEOUT	The number of page-out requests made by this CICS since start of the current monitor interval.
Current number of tasks	CURRTASKS	The current number of tasks active in the system, including all system and user tasks.

Transaction classes - MTRANCLS

The **Monitor data for transaction class** (MTRANCLS) views disp;lay 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 10. Views in the supplied **Monitor data for transaction classes** *(MTRANCLS) view set*

View	Notes
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.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.TABULAR	Tabular information about transaction classes within monitored CICS systems.
Monitor data for transaction classes EYUSTARTMTRANCLS.DETAILED	Detailed information about a selected transaction class.

Actions

Table 11. Actions available for MTRANCLS views

Action	Description
RESET	Resets the CICSPlex SM statistics counters associated with a transaction class to 0.
DISCARD	Removes a transaction class from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.

Fields

Table 12. Fields in MTRANCLS views

Field	Attribute name	Input values
Total time transactions queued	QUEUETIME	The total amount of time transactions have been queued in this class.
Number of times purge threshold met	PURGTHRTIMES	The number of times the purge threshold was reached.
Peak number of active transactions	ACTIVEPEAK	The highest number of transactions active in the class at any one time.
Number of transactions accepted after being queued	ACCEPTAFTRQD	The number of transactions that have been accepted to run after being queued.
Times maximum active transactions reached	TIMESATMAX	The number of times this transaction class has reached its defined maximum.
Number of transactions purged due to threshold	PURGEIMMED	The number of transactions purged due to the defined threshold being reached.
Number of transactions purged while queued	PURGEWHILEQD	The number of transactions that were purged while queued in this class.
Number of transactions currently queued	QUEUED	The number of transactions that are currently queued because the class maximum was reached.
Purge threshold	PURGETHRESH	The number of transactions that can run before transactions are scheduled to be purged.
Number of transactions accepted immediately	ACCEPTIMMED	The number of transactions that have been accepted to run immediately.
Peak number of queued transactions	QUEUEDPEAK	The highest number of transactions queued in this class at any one time.
Number of transaction definitions installed	INSTALLDEFS	The total number of transaction definitions currently installed.
Total number of transactions queued	TOTQUEDCNT	The total number of transactions that have been queued in this class.
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.
Total number of attach requests	ATTACHES	The total number of attach requests.
Total time current transactions on queue	CURQUEDTIME	The total amount of time current transactions have been queued in this class.

Table 12. Fields in MTRANCLS views (continued)

Field	Attribute name	Input values
Number of transactions currently active in class	ACTIVE	The total number of transactions currently active in the 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 13. Views in the supplied **Monitor data for ISC/MRO connections** *(MCONNECT) view set*

View	Notes
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.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.TABULAR	Tabular information about display information about monitored ISC and MRO connections.
Monitor data for ISC/MRO connections EYUSTARTMCONNECT.DETAILED	Detailed information about a selected connection.

Actions

Table 14. Actions available for MCONNECT views

Action	Description
RESET	Resets the CICSPlex SM statistics counters associated with a connection to 0.
DISCARD	Removes a connection from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.

Fields

Table 15. Fields in MCONNECT views

Field	Attribute name	Input values
File Control ship rate for current sample	CURFCFSRATE	The rate at which function shipping requests were issued during the last sample period.
Connection type	TYPE	The type of connection, as one of the following: • 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 queued allocate requests	QUEDALLOCATE	The current number of queued allocate requests against 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.
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.
Number of File Control function ships	FCFUNCSHIP	The number of file control requests for function shipping.
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 allocates purged by XZIQUE exit	MAXQTALLCPRG	The number of allocates purged because the queue processing time would have exceeded the maximum queue time value.
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.
Peak number of outstanding allocate requests	OUTSALLOC	The maximum number of allocate requests that were queued for this system.
Number of bids currently in progress	CONCURBIDS	The number of bids currently in progress.

Table 15. Fields in MCONNECT views (continued)

Field	Attribute name	Input values
Interval ID	INTERVALID	The ID of the interval.
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 allocates rejected by XZIQUE exit	XZIQPRGCNT	The number of allocate queue purges requested by the XZIQUE exit.
Number of ATIs satisfied by primary sessions	ATISBPRI	The number of ATI requests satisfied by primary (contention loser) sessions.
Number of Transient Data function ships	TDFUNCSHIP	The number of transient data requests for function shipping.
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.
Peak number of primary sessions in use	MAXPRIMARIES	The maximum number of primary (contention loser) sessions in use at any one time.
Total number of allocate requests	ALLOCATES	The total number of allocate requests against this system.
Number of ATIs satisfied by secondary sessions	ATISBSEC	The number of ATI requests satisfied by secondary (contention winner) sessions.
Number of Interval Control function ships	ICFUNCSHIP	The number of interval control requests for function shipping.
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.
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.
Total number of bids sent	BIDSSENT	The total number of bids that were sent.
Maximum number of concurrent bids	MAXBIDS	The maximum number of bids in progress at any one time.

Table 15. Fields in MCONNECT views (continued)

Field	Attribute name	Input values
Connection status	CONNSTATUS	For connections using the APPC or MRO protocol, the status of the connection as one of the following: • 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.
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 queue purges requested by XZIQUE exit	XZIQALLCPRG	The number of allocates purged as a result of the XZIQUE exit requesting that queues be purged.
Allocates rejected because QUEUELIMIT reached	EXIT_REJALLC	The number of allocates rejected by the XZIQUE exit.
Net name	NETNAME	The name by which the remote system is known to the VTAM network.
Number of defined send sessions	SENDCOUNT	The number of send sessions defined in the CONNECT record.
Number of terminal sharing requests	TERMSHAREREQ	The number of transaction routing commands.
Number of automatic initiate descriptors (AIDs)	AIDS	The current number of automatic initiator descriptors (AIDs) in the AID chain.
Number of Distributed Program Link function ships	DPLFUNCSHIP	The number of Distributed Program Link requests that have been function shipped across this connection.
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 15. Fields in MCONNECT views (continued)

Field	Attribute name	Input values
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.
File Control ship rate for interval	INTFCFSRATE	The average rate at which function shipping requests were issued over the monitor interval.
Access method	ACCESSMETHOD	The access method in use for this connection (VTAM, IRC, INDIRECT, or XM).
Local connection create time	CONNCREATIME	The local time at which this connection was autoinstalled. A value is shown only for APPC connections.
Number of Temporary Storage function ships	TSFUNCSHIP	The number of temporary storage requests for function shipping.
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.
Reserved space	XZIQREJS	Number of times this connection was denied allocation by exit.
GMT connection create time	GMTCREATIME	The Greenwich mean time at which this connection was autoinstalled. A value is shown only for APPC connections.
Number of defined receive sessions	RECEIVECOUNT	The number of receive sessions defined in the CONNECT record.
Connection ID	NAME	The name of the connection as defined in the CICS system definition (CSD) data set.
Number of DL/I function ships	DLIFUNCSHIP	The number of DL/I requests for function shipping.

Table 15. Fields in MCONNECT views (continued)

Field	Attribute name	Input values
Service status	SERVSTATUS	Indicates whether the system can receive and send data as follows: • INSERVICE - The connection is in service; the system can send and receive data. • OUTSERVICE - The connection is not in service; the system cannot send or receive data. • GOINGOUT - An OUTSERVICE request was issued for the connection, but cannot be processed until all current work is complete.

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 16. 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.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.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.TABULAR	Tabular information about display information about monitored LU 6.2 modenames.
Monitor data for LU 6.2 mode names EYUSTARTMMODNAME.DETAILED	Detailed information about a selected LU 6.2 modename.

Actions

Table 17. Actions available for MMODNAME views

Action	Description
RESET	Resets the CICSPlex SM statistics counters associated with an LU 6.2 modename to 0.
DISCARD	Removes an LU 6.2 modename from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.

Fields

Table 18. Fields in MMODNAME views

Field	Attribute name	Input values
Connection status	CONNSTATUS	The status of the connection as one of the following: • 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.
Connection name	CONNECTION	The name of the connection that this group of sessions is associated with.
Number of sessions available	SESSAVAIL	The number of sessions within this group that can be allocated for use at one time.
Interval ID	INTERVALID	The ID of the interval.
Number of active sessions	SESSACTV	The number of sessions within this group that are currently in use.
Maximum number of contention winner sessions	SESSMAXWIN	The maximum number of sessions that can be supported as contention winners within this group.
Maximum number of sessions	SESSMAX	The maximum number of sessions that will be supported within this group at one time.
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.

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 19. Views in the supplied **Monitor data for DB2 threads** *(MDB2THRD) view set*

View	Notes
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.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.TABULAR	Tabular information about display information about monitored DB2 threads.
Monitor data for DB2 threads EYUSTARTMDB2THRD.DETAILED	Detailed information about a selected DB2 thread.

Actions

Table 20. Actions available for MDB2THRD views

Action	Description
RESET	Resets the CICSPlex SM statistics counters associated with a DB2 thread to 0.
DISCARD	Removes a DB2 thread from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.

Fields

Table 21. Fields in MDB2THRD views

Field	Attribute name	Input values
Authorization type	AUTHTYPE	The type of authorization for this transaction, as defined by the first AUTH= subparameter of the DSNCRCT entry: • CHARSTR - Specific character string • N/A - Authorization cannot be determined • RACFGID - RACF user-ID and group name • SIGNID - CICS system authorization ID • TERMID - Terminal ID • TRANID - Transaction ID • USER - User operator ID (3-character) • USERID - Sign-on user ID (8-character)
Dispatching mode	DPMODE	The dispatching priority for connection subtasks relative to CICS, as specified on the DPMODE= or DPMODI= parameter of the DSNCRCT entry: • 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.
Number of transactions in group	OTHERIDS	The number of other transactions specified on the TXID= parameter of the DSNCRCT entry.
Usage rate for current sample	CURUSERATE	The rate of DB2 usage based on the current sample.
Initial transaction	INITTRAN	Identifies the first transaction in the thread, as specified on the TXID= parameter of the DSNCRCT entry. The value shown here depends upon which TYPE= statement was used: • -CMD - TYPE=COMD • -POL - TYPE=POOL • tranid - TYPE=ENTRY
Rollback option	ROLLBACKOPT	The rollback option for this transaction, as specified on the ROLBE= or ROLBI= parameter of the DSNCRCT entry: • YES - A sync point rollback is issued before returning control to the application. • NO - No rollback is issued.

Table 21. Fields in MDB2THRD views (continued)

Field	Attribute name	Input values
Current number of threads	CURTHREADS	The number of threads currently defined for this DSNCRCT entry.
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.
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.
Number of authorizations done	AUTHCNT	The number of authorization checks that have been performed for this DSNCRCT entry.
Interval identifier	INTERVALID	The ID of the interval.
Number of read only commits	READCOMMIT	The number of read-only commits processed for transactions associated with this thread.
Usage rate for interval	INTUSERATE	The usage rate based on an interval.
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.
DB2 subsystem	NAME	The name of the DB2 subsystem to which this thread belongs.
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.
Maximum number of threads	MAXTHREADS	The maximum number of threads for this DSNCRCT entry, as specified on the THRDM= parameter.

Table 21. Fields in MDB2THRD views (continued)

Field	Attribute name	Input values
Reserved threads	RSVTHREADS	The number of started thread subtasks for this DSNCRCT entry, as specified on the THRDS= parameter.
Thread wait option	THREADWOPT	The thread wait option for this DSNCRCT entry, as specified on the TWAIT= or TWAITI= parameter. This value indicates how the transaction will respond when all threads are busy: • YES - 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) monitoring views show information about installed FEPI connections in the monitored CICS systems within the current context and scope. Note: This monitor data is available only for CICS systems where global resources are being monitored by CICSPlex SM.

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 22. Views in the supplied **Monitor data for FEPI connections** *(MFEPICON) view set*

View	Notes
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.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.TABULAR	Tabular information about display information about monitored FEPI connections.
Monitor data for FEPI connections EYUSTARTMFEPICON.DETAILED	Detailed information about a selected FEPI connection.

Actions

Table 23. Actions available for MFEPICON views

Action	Description
RESET	Resets the CICSPlex SM statistics counters associated with a FEPI connection to 0.
DISCARD	Removes a FEPI connection from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.

Fields

Table 24. Fields in MFEPICON views

Field	Attribute name	Input values
Conversation status	STATE	The state of a conversation using the connection (NOCONV, PENDSTSN, STSN, PENDBEGIN, BEGINSESSION, APPLICATION, PENDDATA, PENDSTART, PENDFREE, FREE, PENDRELEASE, RELEASE, PENDUNSOL, UNSOLDATA, or PENDPASS).
Number of conversations waiting for connection	WAITCONVNUM	The number of conversations that are waiting to start using the connection.
Number of error conditions	ERRORS	The number of VTAM error conditions raised for this connection.
Number of receive timeouts	RECVTIMEOUT	The number of times a FEPI RECEIVE timed out on this connection.
Acquire rate for current sample	CSACQRATE	The rate of acquires per sample period.
Number of characters received	CHARSRECVD	The number of characters of data received on this connection.
Target name	TARGETNAME	The target name identifying the connection.
Node name	NODENAME	The node name identifying the connection.
Interval ID	INTERVALID	The ID of the monitor interval.
Pool name	POOLNAME	The name of the pool identifying the connection.
Number of conversations	CONVERSATNS	The number of conversations that have used the connection.
Number of characters sent	CHARSSENT	The number of characters of data sent on this connection.
Acquired status	ACQSTATUS	The acquire state; that is, whether a session on the connection is bound or not (ACQUIRED, ACQUIRING, RELEASED or RELEASING).

Table 24. Fields in MFEPICON views (continued)

Field	Attribute name	Input values
Acquire rate for monitor interval	MIACQRATE	The rate of acquires per monitor interval.
Number of unsolicited inputs	UNSOLICINP	The number of times unsolicited input was received on this connection.
Number of acquires	ACQUIRES	The number of times the connection has been acquired.
Connection service state	SERVSTATUS	The service state of the connection (INSERVICE, OUTSERVICE, or GOINGOUT).

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 25. Views in the supplied **Monitor data for managed data tables** (MCMDT) view set

View	Notes
Monitor data for managed data tables EYUSTARTMCMDT.RESET	Resets the CICSPlex SM statistics counters associated with a data table file to 0.
Monitor data for managed data tables EYUSTARTMCMDT.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 EYUSTARTMCMDT.TABULAR	Tabular information about monitored files with associated data tables.
Monitor data for managed data tables EYUSTARTMCMDT.DETAIL2	Detailed data set information about monitored files with associated data tables.
Monitor data for managed data tables EYUSTARTMCMDT.DETAILED	Detailed information about monitored files with associated data tables.
Monitor data for managed data tables EYUSTARTMCMDT.DETAIL1	Detailed table information about monitored files with associated data tables.

Actions

Table 26. Actions available for MCMDT views

Action	Description
RESET	Resets the CICSPlex SM statistics counters associated with a data table file to 0.
DISCARD	Removes a data table file from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.

Fields

Table 27. Fields in MCMDT views

Field	Attribute name	Input values
Number of active strings	NUMACTSTRING	The number of currently active VSAM strings.
Successful read rate for interval	INTREADRATE	The average rate at which records were retrieved from the data table file over the monitor interval.
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.
Total storage allocated	STGALCTOT	The total amount of storage allocated to the data table file in kilobytes.
Interval identifier	INTERVALID	The ID of the monitor interval.
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.
Number of data buffers	NUMDATBUFF	The number of storage buffers allocated for data.
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.
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.
Number of update requests	UPDATECNT	The number of PUT UPDATE requests issued against the data table file.
Total rewrite requests	REWRITE	The number of attempts to update records in the data table file as a result of REWRITE requests.

Table 27. Fields in MCMDT views (continued)

Field	Attribute name	Input values
CFDT table name	TABLENAME	For MVS Coupling Facility Data Tables, this is the name of CFDT Table which the file is loaded into.
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.
Number of browse requests	BROWSECNT	The number of GET NEXT and GET PREV requests issued against the data table file.
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.
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.
Sum of all MDT requests	TOTMREQCNT	The total number of modification requests issued against the data table file.
Number of index buffers	NUMINDEXBUFF	The number of storage buffers allocated for the index.
VSAM data EXCP rate current sample	CURDEXCPRATE	The rate of I/O operations for data records during the last sample period.
VSAM EXCP count data component	DEXCPCNT	For VSAM files, the number of I/O operations for data records.
File identifier	FILE	The ID of the file.
Index storage allocated	STGIDXTOT	The total amount of storage allocated for the data table file index in kilobytes.
Number of active string waits	NUMSTRINGWT	The number of VSAM active string waits.
VSAM file type	VSAMTYPE	The VSAM file type of the data table file.
Strings	STRINGS	The number of concurrent operations that can be performed on the data table file.
CFDT pool name	POOLNAME	For MVS Coupling Facility Data Tables, this is the name of CFDT Pool which the table is constructed in.

Table 27. Fields in MCMDT views (continued)

Field	Attribute name	Input values
Successful read rate current sample	CURREADRATE	The rate at which records were retrieved from the data table file during the last sample period.
Entries storage in use	STGENTINU	The amount of storage in use for the data table file's record entry blocks in kilobytes.
Total add requests	ADDREQ	The number of attempts to add records to the data table file as a result of WRITE requests.
Total delete requests	DELETEREQ	The number of attempts to delete records from the data table file as a result of DELETE requests.
Highest table size	MAXTSIZE	The highest number of records in the data table file at any one time.
Entries storage allocated	STGENTTOT	The total amount of storage allocated for the data table file's record entry blocks in kilobytes.
VSAM index EXCP rate current sample	CURIEXCPRATE	The rate of I/O operations for index records during the last sample period.
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.
Index storage in use	STGIDXINU	The amount of storage in use for the data table file index in kilobytes.
Open status	OPENSTATUS	Indicates whether the data table file is open, closed, or in transition.
VSAM index EXCP rate for interval	INTIEXCPRATE	The average rate of I/O operations for index records over the monitor interval.
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.
Data storage in use	STGDTAINU	The amount of storage in use for the data table file's record data in kilobytes.
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.
Total storage in use	STGALCINU	The amount of storage in use for the data table file in kilobytes.

Table 27. Fields in MCMDT views (continued)

Field	Attribute name	Input values
VSAM EXCP count INDX component	IEXCPCNT	For VSAM files, the number of I/O operations for index records.
Successful reads	READS	The number of attempts to retrieve records from the data table file that were successful.
Current record count	CURCOUNT	The current number of records in the data table file.
Read retries	READRETRY	The number of times reads in an AOR had to be retried because the FOR changed the table during the read.
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.
VSAM data EXCP rate for interval	INTDEXCPRATE	The average rate of I/O operations for data records over the monitor interval.
Time opened	TIMEOPEN	The local time at which the data table file was opened.
Local shared resources pool identifier	LSRPOOLID	The ID of the local shared resources pool.
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).
Time closed	TIMECLOSE	The local time at which the data table file was closed.
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.
Number of add requests	ADDCNT	The number of PUT requests issued against the data table file.

Table 27. Fields in MCMDT views (continued)

Field	Attribute name	Input values
Enabled status	ENABLESTATUS	Indicates whether the data table file is available for access by application programs. The status will be one of the following: • 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.
MDT request rate for interval	INTMRQRATE	The average rate at which modification requests were issued against the data table file over the monitor interval.
Number of get update requests	GETUPDCNT	The number of GET UPDATE requests issued against 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.
Data storage allocated	STGDTATOT	The total amount of storage allocated for the data table file's record data in kilobytes.
Number of local delete requests	LOCDELCNT	The number of DELETE 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.
Number of get requests	GETCNT	The number of GET requests issued against the data table file.

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 28. Views in the supplied **Monitor data for local files** *(MLOCFILE) view set*

View	Notes
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.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.TABULAR	Tabular information about monitored local files.
Monitor data for local files EYUSTARTMLOCFILE.DETAILED	Detailed information about monitored local files.

Actions

Table 29. Actions available for MLOCFILE views

Action	Description
RESET	Resets the CICSPlex SM statistics counters associated with a local file to 0.
DISCARD	Removes a local file from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.

Fields

Table 30. Fields in MLOCFILE views

Field	Attribute name	Input values
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.
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).
Number of active strings	NUMACTSTRING	The current number of requests against the file.
Number of I/O operations against index component	IEXCPCNT	For VSAM files, the number of I/O operations for index records.

Table 30. Fields in MLOCFILE views (continued)

Field	Attribute name	Input values
Record level sharing (RLS) request wait timeouts	RLSREQWTTO	The number of RLS file requests that have timed out while awaiting request completion from the VSAM RLS server.
Number of browse for update requests	BROWUPDCNT	The number of READNEXT, READPREV, and REWRITE requests issued against the file. This is only valid for RLS files.
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.
Interval ID	INTERVALID	The ID of the monitor interval.
Number of data buffers	NUMDATBUFF	The number of buffers to be used for data.
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 REWRITE requests	UPDATECNT	The number of REWRITE requests issued against the file.
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.
The number of READNEXT and READPREV requests	BROWSECNT	The number of READNEXT and READPREV requests issued against the file.
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.
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.
Number of index buffers	NUMINDEXBUFF	The number of buffers to be used for the index.
Rate of data I/O operations for monitor interval	INTDEXCPRATE	The average rate of I/O operations for data records over the monitor interval.
Local time file was opened	TIMEOPEN	The local time at which the file was opened.

Table 30. Fields in MLOCFILE views (continued)

Field	Attribute name	Input values
Rate of data I/O operations for current sample	CURDEXCPRATE	The rate of I/O operations for data records during the last sample period.
Local shared resources pool ID	LSRPOOLID	For VSAM files, the numeric ID of the LSR pool associated with the file. A value of N/A means one of the following: • the file is not a VSAM file • the file is not associated with an LSR pool
Number of I/O operations for data records	DEXCPCNT	For VSAM files, the number of I/O operations for data records.
File ID	FILE	The ID of the file.
Local time file was closed	TIMECLOSE	The local time at which the file was closed.
Number of WRITE requests	ADDCNT	The number of WRITE requests issued against the file.
Enabled status	ENABLESTATUS	Indicates whether the file is available for access by application programs. The status is one of the following: • ENABLED - Available for access. • DISABLED - Unavailable for access as a result of a SET DISABLED command. • DISABLING - Still being accessed after a SET DISABLED or SET CLOSED command. • UNENABLED - Unavailable for access as a result of a SET CLOSED command.
	NUMSTRINGWT	The current number of VSAM active string waits.
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: • 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.

Table 30. Fields in MLOCFILE views (continued)

Field	Attribute name	Input values
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.
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.
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.
Number of READ UPDATE requests	GETUPDCNT	The number of READ UPDATE requests issued against the file.
Access method	ACCESSMETHOD	The access method used for the file (BDAM or VSAM).
Number of DELETE requests	LOCDELCNT	The number of DELETE requests issued against the file.
Rate of index I/O operations for current sample	CURIEXCPRATE	The rate of I/O operations for index records during the last sample period.
Open status	OPENSTATUS	Indicates whether the file is open, closed, or in transition.
Number of READ requests	GETCNT	The number of READ requests issued against the file.
Rate of index I/O operations for monitor interval	INTIEXCPRATE	The average rate of I/O operations for index records over the monitor interval.

Remote files - MREMFILE

The **Monitor data for remote files** (MREMFILE) 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 31. Views in the supplied **Monitor data for remote files** *(MREMFILE) view set*

View	Notes
Monitor data for remote files EYUSTARTMREMFILE.RESET	Resets the CICSPlex SM statistics counters associated with a remote file to 0.
Monitor data for remote files EYUSTARTMREMFILE.DISCARD	Removes a remote file from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.
Monitor data for remote files EYUSTARTMREMFILE.TABULAR	Tabular information about monitored remote files.
Monitor data for remote files EYUSTARTMREMFILE.DETAILED	Detailed information about monitored remote files.

Actions

Table 32. Actions available for MREMFILE views

Action	Description
RESET	Resets the CICSPlex SM statistics counters associated with a remote file to 0.
DISCARD	Removes a remote file from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.

Fields

Table 33. Fields in MREMFILE views

Field	Attribute name	Input values
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.
File ID	FILE	The name of the file as known to the local CICS system.
Number of WRITE requests	ADDCNT	The number of PUT requests issued against the file.
Remote file name	REMOTENAME	The name by which the file is known in the remote system.
Number of DELETE requests	REMDELCNT	The number of DELETE requests issued against the file.
Enable status	ENABLESTATUS	The enable status of the file.
Remote system name	REMOTESYSTEM	The name of the CICS system where the remote file resides.
Interval ID	INTERVALID	The ID of the monitor interval.
Number of READ UPDATE requests	GETUPDCNT	The number of GET UPDATE requests issued against the file.

Table 33. Fields in MREMFILE views (continued)

Field	Attribute name	Input values
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 REWRITE requests	UPDATECNT	The number of PUT UPDATE 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 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 READ Requests	GETCNT	The number of GET 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 34. Views in the supplied **Monitor data for LSR pool buffers** *(MLSRPBUF) view set*

View	Notes
Monitor data for LSR pool buffers EYUSTARTMLSRPBUF.RESET	Resets the CICSPlex SM statistics counters associated with an LSR pool to 0.
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.TABULAR	Tabular information about buffer usage for LSR pool buffers

Table 34. Views in the supplied **Monitor data for LSR pool buffers** *(MLSRPBUF) view set (continued)*

View	Notes
Monitor data for LSR pool buffers EYUSTARTMLSRPBUF.DETAILED	Detailed information about buffer usage for a selected LSR pool buffer

Actions

Table 35. Actions available for MLSRPBUF views

Action	Description
RESET	Resets the CICSPlex SM statistics counters associated with an LSR pool to 0.
DISCARD	Removes an LSR pool from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.

Fields

Table 36. Fields in MLSRPBUF views

Field	Attribute name	Input values
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.
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.
Read rate for interval	INTREADRATE	The average rate at which READ I/O requests were issued to the buffers over the monitor interval.
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 buffers	COUNT	The number of buffers of each size that are available to the pool.
Hiperspace read rate for current sample	CURHREADRATE	The rate at which CREAD requests were issued for Hiperspace buffers during the last sample period.
Number of hiperspace buffers	HIPERBUFF	The number of Hiperspace buffers specified for the pool.
Hiperspace read rate for interval	INTHREADRATE	The average rate at which CREAD requests were issued for virtual buffers over the monitor interval.
Number of non-user initiated writes	NONUWRITE	The number of non-user initiated WRITE I/Os from the buffers.

Table 36. Fields in MLSRPBUF views (continued)

Field	Attribute name	Input values
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.
Read rate for current sample	CURREADRATE	The rate at which READ I/O requests were issued to the buffers during the last sample period.
Interval identifier	INTERVALID	The ID of the monitor interval.
Hiperspace write rate for interval	INTHWRITRATE	The average rate at which CWRITE requests were issued for Hiperspace buffers over the monitor interval.
Number of successful hiperspace CWRITEs	CWRITES	The number of successful CWRITE requests issued to transfer data from virtual buffers to Hiperspace buffers.
Pool identifier, buffer size, buffer type	POOLSIZETYPE	The ID, buffer size and type of the pool.
Hiperspace write rate for current sample	CURHWRITRATE	The rate at which CWRITE requests were issued for Hiperspace buffers during the last sample period.
Number of successful hiperspace CREADs	CREADS	The number of successful CREAD requests issued to transfer data from Hiperspace buffers to virtual buffers.
Number of user initiated writes	USERIWRITE	The number of user-initiated WRITE I/Os from the buffers.
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 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.

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 37. Views in the supplied **Monitor data for LSR pools** *(MLSRPOOL) view set*

View	Notes
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.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.TABULAR	Tabular information about LSR pools
Monitor data for LSR pools EYUSTARTMLSRPOOL.DETAILED	Detailed information about a selected LSR pool

Actions

Table 38. Actions available for MLSRPOOL views

Action	Description
RESET	Resets the CICSPlex SM statistics counters associated with an LSR pool to 0.
DISCARD	Removes an LSR pool from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.

Fields

Table 39. Fields in MLSRPOOL views

Field	Attribute name	Input values
Peak number of concurrent active strings	MAXCCURSTR	The maximum number of strings that were active at any one time.
Number of non user-initiated index buffer writes	IBNUWRITE	The number of non-user initiated WRITE I/Os from index buffers for the pool.
Data buffer CWRITE rate for monitor interval	INTDHWRIRATE	The average rate at which CWRITE requests were issued for Hiperspace data buffers over the monitor interval.
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 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.
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.

Table 39. Fields in MLSRPOOL views (continued)

Field	Attribute name	Input values
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.
Maximum key length	MAXKEYLEN	The length of the largest key of a VSAM data set that can use the LSR pool.
Index buffer CWRITE rate for current sample	CURIHWRIRATE	The rate at which CWRITE requests were issued for Hiperspace index buffers during the last sample period.
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.
Interval ID	INTERVALID	The ID of the monitor interval.
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.
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.
Total number of string waits	TOTWAITREQ	The total number of requests that were queued because all the strings in the pool were in use.
Separate data and index flag	IDXDATFLG	Indicates whether data and index buffers use separate pools (YES) or share the same pool (NO).
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 read rate for monitor interval	INTDREADRATE	The average rate at which READ I/O requests were issued to data 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.
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.

Table 39. Fields in MLSRPOOL views (continued)

Field	Attribute name	Input values
Data buffer write rate for current sample	CURDWRITRATE	The rate at which WRITE I/O requests (both user- and non-user initiated) were issued to data buffers during the last sample period.
Number of Hiperspace index buffers	IDHIPERBUF	The number of Hiperspace index buffers specified for the pool.
Data buffer write rate for monitor interval	INTDWRITRATE	The average rate at which WRITE I/O requests (both user- and non-user initiated) were issued to data buffers over the monitor interval.
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.
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.
Number of user-initiated index buffer writes	IBUIWRITE	The number of user-initiated WRITE I/Os from index buffers for the pool.
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.
Local create time	CREATETIME	The time at which the LSR pool was created.
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.
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.
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.
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.
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.

Table 39. Fields in MLSRPOOL views (continued)

Field	Attribute name	Input values
Number of Hiperspace data buffers	DHIPERBUF	The number of Hiperspace data buffers specified for the pool.
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.
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 index buffers	IBUFFCNT	The number of index buffers being used by the pool.
Total number of strings	TOTSTRINGS	The total number of strings that are available to the LSR pool.
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.
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.
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.
LSR pool id	LSRPOOLID	The numeric LSR pool ID, in the range of 1 - 8.
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.
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.
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 CWRITE rate for current sample	CURDHWRIRATE	The rate at which CWRITE requests were issued for Hiperspace data buffers during the last sample period.
Index buffer write rate for current sample	CURIWRITRATE	The rate at which WRITE I/O requests (both user- and non-user initiated) were issued to index buffers during the last sample period.

Table 39. Fields in MLSRPOOL views (continued)

Field	Attribute name	Input values
Index buffer write rate for monitor interval	INTIWRITRATE	The average rate at which WRITE I/O requests (both user- and non-user initiated) were issued to index buffers over the monitor interval.
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.
Index buffer CWRITE rate for monitor interval	INTIHWRIRATE	The average rate at which CWRITE requests were issued for Hiperspace index buffers over the monitor interval.

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 40. Views in the supplied **Monitor data for intrapartition transient data queue (MTDQGBL) view set**

View	Notes
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.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.TABULAR	Tabular information about intrapartition transient data queue usage
Monitor data for intrapartition transient data queue EYUSTARTMTDQGBL.DETAILED	Detailed information about a selected intrapartition transient data queue

Actions

Table 41. Actions available for MTDQGBL views

Action	Description
RESET	Resets the CICSPlex SM statistics counters associated with intrapartition transient data queue usage to 0.
DISCARD	Removes intrapartition transient data queue usage from CICSPlex SM monitoring for the current sample interval and discards the accumulated statistics.

Fields

Table 42. Fields in MTDQGBL views

Field	Attribute name	Input values
Peak number of intrapartition buffer waits	PEAKBWAIT	The peak number of requests queued because no buffers were available.
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.
Number of intrapartition buffer waits	BUFFWAITS	The number of times a request was queued because all buffers were allocated to other tasks.
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.
Read rate for monitor interval	INTREADRATE	The average rate at which READ requests for a control interval were issued over the monitor interval.
Number of reads from data set	READS	The number of times a control interval had to be read from disk.
Peak number of string waits	PEAKSTRWAIT	The peak number of tasks waiting for a string at any one time.
Number of formatting writes	FMTWRITE	The number of times a new control interval was written at the end of the data set to increase the amount of available space.
Number of current string waits	CURSTRWAITS	The current number of concurrent string waits in the system.
Peak number of concurrent intrapartition accesses	PEAKCACCESS	The peak number of intrapartition buffer accesses at any one time.
Peak number of concurrent string accesses	PEAKSTRACC	The peak number of strings being accessed at any one time.
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.

Table 42. Fields in MTDQGBL views (continued)

Field	Attribute name	Input values
Interval ID	INTERVALID	Id of the monitor interval
Number of current concurrent buffer accesses	CURCONBUFAC	The current number of concurrent intrapartition buffer accesses.
Number of string waits	STRNGWAITS	The number of times a task had to wait because no strings were available.
Control interval size	CISIZE	The size of the control interval, in bytes.
Number of current buffer waits	CURBUFFWAIT	The current number of requests queued because no buffers were available.
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.
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.
Number of I/O errors	IOERRS	The number of I/O errors that occurred on the transient data set.
Peak number of control intervals used	PEAKCIUSE	The peak number of control intervals active at any one time.
Number of control intervals	CINUM	The number of currently active control intervals.
Intrapartition access rate for monitor interval	INTACCCNT	The average rate at which intrapartition buffers were accessed over the monitor interval.
Intrapartition access rate for current sample	CURACCCNT	The rate at which intrapartition buffers were accessed during the last sample period.
Number of current concurrent string accesses	CURCONSTRAC	The current number of strings concurrently accessed in the system.
Number of times string accessed	STRACCESS	The number of times a string was accessed.
Number of intrapartition buffers	BUFFERS	The number of intrapartition buffers specified in the system initialization table (SIT) or SIT overrides.
Number of strings	STRINGS	The total number of currently active strings.
Number of intrapartition accesses	ACCESSCNT	The number of times intrapartition buffers have been accessed.

Table 42. Fields in MTDQGBL views (continued)

Field	Attribute name	Input values
Peak number of queues that contain data	PEAKQACTV	The peak number of intrapartition buffers that contained valid data.
Number of current buffers with valid data	CURBUFVALDA	The current number of intrapartition buffers that contain valid data.
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 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 43. Views in the supplied **Monitor data for temporary storage** (MTSQGBL) view set

View	Notes
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.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.TABULAR	Tabular information about temporary storage queue usage
Monitor data for temporary storage EYUSTARTMTSQGBL.DETAILED	Detailed information about a selected temporary storage queue

Actions

Table 44. Actions available for MTSQGBL views

Action	Description
RESET	Resets the CICSPlex SM statistics counters associated with temporary storage queue usage to 0.
DISCARD	Removes temporary storage queue usage from CICSPlex SM monitoring for the current sample interval and discards the accumulated statistics.

Fields

Table 45. Fields in MTSQGBL views

Field	Attribute name	Input values
Queue extension threshold	EXTTHRESHOLD	The number of records that are held in a single temporary storage group identifier (TSGID).
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.
Current users waiting on buffer	CURRUWBFR	Number of users currently waiting for a buffer.
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.
Read rate for interval	INTREADRATE	The average rate at which READ requests for a control interval were issued over the monitor interval.
Number of temporary storage names in use	NAMESINUSE	Number of TS(s) which are currently in use.
Segments per control interval	SEGSPERCI	Number of segments per control interval (CI).
Longest auxiliary record length	LONGAUXREC	Length of the longest auxiliary record.
Entries in longest queue	ENTLGQUE	The peak number of records in any one temporary storage queue.
Available bytes per control interval	BYTESPERCI	Available bytes per control interval (CI).
Interval identifier	INTERVALID	The ID of the monitor interval.
GetQ auxiliary rate for interval	INTAGETQRATE	The average rate at which GET/GETQ requests were issued for 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.
Number of shared pools that CICS is connected to	SHRDPOOLCONN	The number of shared pools currently connected.
Buffer writes	BUFWRITES	The number of WRITE I/O requests to the temporary storage data set.
GetQ main rate for interval	INTMGETQRATE	The average rate at which GET/GETQ requests were issued for main temporary storage over the monitor interval.
Peak storage	PEAKSTG	The peak amount of virtual storage in use for temporary storage records at any one time.

Table 45. Fields in MTSQGBL views (continued)

Field	Attribute name	Input values
Shared pools defined	SHRDPOOLDEF	The number of shared pools defined.
PutQ main rate for interval	INTMPUTQRATE	The average rate at which PUT/PUTQ requests were issued to main temporary storage over the monitor interval.
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.
Number of string waits	STRINGWAIT	The number of I/O requests that were queued because no strings were available.
Number of control intervals in use	CISINUSE	Number of control intervals that are currently in use.
Put/PutQ main	PUTQMAIN	The number of records that application programs wrote to main temporary storage.
Peak CIs used	PEAKCIUSE	The peak number of control intervals containing active data at any one time.
Put/PutQ auxiliary	PUTQAUX	The number of records that application programs wrote to auxiliary temporary storage.
Number of control intervals in data set	CINUM	The number of control intervals available to auxiliary storage.
PutQ auxiliary rate current sample	CURAPUTQRATE	The rate at which PUT/PUTQ requests were issued to auxiliary temporary storage during the last sample period.
Peak strings in use	PEAKUSDSTR	The peak number of strings in use at any one time.
Writes greater than CISIZE	WRTGTCISZ	The number of records written with a length greater than the control interval size.
Number of temporary storage strings	STRINGS	The number of temporary storage strings specified in the system initialization table (SIT) or SIT overrides.
Read rate for current sample	CURREADRATE	The rate at which READ requests for a control interval were issued 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.

Table 45. Fields in MTSQGBL views (continued)

Field	Attribute name	Input values
Times queues created	QUECRECNT	The number of times that CICS created individual temporary storage queues.
Count of buffer waits	BUFFWAITS	The number of times a request was queued because all buffers were allocated to other tasks.
Peak users waiting on buffers	PEAKUWBUF	The peak number of requests queued because no buffers were available.
Number of temporary storage compressions	COMPRESSIONS	Number of compression made thus far.
Bytes per segment	BYTESPERSEG	Available bytes per control interval (CI).
Buffer writes forced for recovery	WRTFRECVR	The number of WRITE I/O requests caused by recovery being specified for queues.
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.
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.
Queue extensions created	QUEXTENDS	The number of times it was necessary to create a TSGID extension.
	CISIZE	The size of the control interval, in bytes.
Peak queue names in use	PEAKQUES	The peak number of temporary storage queue names in use at any one time.
Current users waiting on string	CURRUWSTR	Number of users currently waiting on a string.
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.
Number of I/O errors on DSN	IOERRS	The number of I/O errors that occurred on the temporary storage data set.
Shared read requests	SHRDREADREQ	The number of shared read requests.
Shared write requests	SHRDWRITEREQ	The number of shared write requests.

Table 45. Fields in MTSQGBL views (continued)

Field	Attribute name	Input values
GetQ auxiliary rate current sample	CURAGETQRATE	The rate at which GET/GETQ requests were issued for auxiliary temporary storage during the last sample period.
Buffer reads	BUFREADS	The number of times a control interval had to be read from disk.
Number of temporary storage buffers	BUFFERS	The number of temporary storage buffers specified in the system initialization table (SIT) or SIT overrides.
Get/Getq main	GETQMAIN	The number of records that application programs obtained from main temporary storage.
Peak users waiting on strings	PEAKUWSTR	The peak number of I/O requests that were queued at any one time.
Times auxiliary storage exhausted	AUXFULL	The number of times when one or more transactions were suspended because no auxiliary temporary storage was available.
PutQ auxiliary rate for interval	INTAPUTQRATE	The average rate at which PUT/PUTQ requests were issued to auxiliary temporary storage over the monitor interval.

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 46. Views in the supplied **Monitor data for journals** *(MJRNLNAM) view set*

View	Notes
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.DISCARD	Removes a system or general log from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.

Table 46. Views in the supplied **Monitor data for journals** *(MJRNLNAM) view set (continued)*

View	Notes
Monitor data for journals EYUSTARTMJRNLNAM.TABULAR	Tabular information about monitored system and general logs.
Monitor data for journals EYUSTARTMJRNLNAM.DETAILED	Detailed information about a selected log.

Actions

Table 47. Actions available for MJRNLNAM views

Action	Description
RESET	Resets the CICSPlex SM statistics counters associated with a system or general log to 0.
DISCARD	Removes a system or general log from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.

Fields

Table 48. Fields in MJRNLNAM views

Field	Attribute name	Input values
Log stream destination	TYPE	The type of log stream associated with the system or general log.
MVS log stream	STREAMNAME	The MVS log stream name associated with the 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.
Interval ID	INTERVALID	The ID of the monitor interval.
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.
Journal name	JOURNALNAME	The 1 to 8-character name of a 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 49. Views in the supplied **Monitor data for programs** *(MPROGRAM) view set*

View	Notes
Monitor data for programs EYUSTARTMPROGRAM.RESET	Resets the CICSPlex SM statistics counters associated with a program to 0.
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.TABULAR	Tabular information about monitored programs.
Monitor data for programs EYUSTARTMPROGRAM.DETAILED	Detailed information about a selected program.

Actions

Table 50. Actions available for MPROGRAM views

Action	Description
RESET	Resets the CICSPlex SM statistics counters associated with a program to 0.
DISCARD	Removes a program from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.

Fields

Table 51. Fields in MPROGRAM views

Field	Attribute name	Input values
Total time for all program fetches	FETCHTIME	The total time taken to perform all fetches of the program during the current CICS statistics 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.
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.

Table 51. Fields in MPROGRAM views (continued)

Field	Attribute name	Input values
Program access rate for current sample	CURUSERATE	The rate at which the program was executed during the last sample period.
Program type	PROGTYPE	The type of program, as one of the following: • MAP - A map set. • PARTITION - A partition set. • PROGRAM - An executable program.
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.
Link pack area (LPA) status	LPASTAT	Indicates where the most recently loaded copy of the program was taken from: • LPA - CICS used a version in either the link pack area (LPA) or the extended link pack area (ELPA). • NOTLPA - CICS used a private version. • NOTAPPLIC - CICS has not used either an LPA version or a private version of the 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.
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.
Average fetch time for monitor interval	INTAVGFETCH	The average amount of time taken to fetch a copy of the program over the monitor interval.
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.
Interval ID	INTERVALID	The ID of the monitor interval
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.

Table 51. Fields in MPROGRAM views (continued)

Field	Attribute name	Input values
Enabled status	STATUS	The enabled status of the program, which indicates whether it is available for use (ENABLED or DISABLED).
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.
Program access rate for monitor interval	INTUSERATE	The average rate at which the program was executed over the monitor interval.
Number of times program currently accessed	RESCOUNT	The number of separate copies of the program that are currently executing.
Program execution key	EXECKEY	The access key in which the program is executing: • CICSEXECKEY - The program executes in CICS key and has read and write access to both CICS-key and user-key storage. • USEREXECKEY. - The program executes in user key and has write access to user-key storage, but read-only access to CICS-key storage. • NOTAPPLIC - This option is not available; either the program is defined as remote, or it is a map set or partition set.
Total number of times program executed	USECOUNT	The total number of times the program has been executed in the current CICS session.
Program name	PROGRAM	The name of the program.
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.
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.
% 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.

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 52. Views in the supplied **Monitor data for temporary storage** *(MTSQGBL) view set*

View	Notes
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.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.TABULAR	Tabular information about temporary storage queue usage
Monitor data for temporary storage EYUSTARTMTSQGBL.DETAILED	Detailed information about a selected temporary storage queue

Actions

Table 53. Actions available for MTSQGBL views

Action	Description
RESET	Resets the CICSPlex SM statistics counters associated with temporary storage queue usage to 0.
DISCARD	Removes temporary storage queue usage from CICSPlex SM monitoring for the current sample interval and discards the accumulated statistics.

Fields

Table 54. Fields in MTSQGBL views

Field	Attribute name	Input values
Queue extension threshold	EXTTHRESHOLD	The number of records that are held in a single temporary storage group identifier (TSGID).

Table 54. Fields in MTSQGBL views (continued)

Field	Attribute name	Input values
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.
Current users waiting on buffer	CURRUWBFR	Number of users currently waiting for a buffer.
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.
Read rate for interval	INTREADRATE	The average rate at which READ requests for a control interval were issued over the monitor interval.
Number of temporary storage names in use	NAMESINUSE	Number of TS(s) which are currently in use.
Segments per control interval	SEGSPERCI	Number of segments per control interval (CI).
Longest auxiliary record length	LONGAUXREC	Length of the longest auxiliary record.
Entries in longest queue	ENTLGQUE	The peak number of records in any one temporary storage queue.
Available bytes per control interval	BYTESPERCI	Available bytes per control interval (CI).
Interval identifier	INTERVALID	The ID of the monitor interval.
GetQ auxiliary rate for interval	INTAGETQRATE	The average rate at which GET/GETQ requests were issued for 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.
Number of shared pools that CICS is connected to	SHRDPOOLCONN	The number of shared pools currently connected.
Buffer writes	BUFWRITES	The number of WRITE I/O requests to the temporary storage data set.
GetQ main rate for interval	INTMGETQRATE	The average rate at which GET/GETQ requests were issued for main temporary storage over the monitor interval.
Peak storage	PEAKSTG	The peak amount of virtual storage in use for temporary storage records at any one time.
Shared pools defined	SHRDPOOLDEF	The number of shared pools defined.

Table 54. Fields in MTSQGBL views (continued)

Field	Attribute name	Input values
PutQ main rate for interval	INTMPUTQRATE	The average rate at which PUT/PUTQ requests were issued to main temporary storage over the monitor interval.
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.
Number of string waits	STRINGWAIT	The number of I/O requests that were queued because no strings were available.
Number of control intervals in use	CISINUSE	Number of control intervals that are currently in use.
Put/PutQ main	PUTQMAIN	The number of records that application programs wrote to main temporary storage.
Peak CIs used	PEAKCIUSE	The peak number of control intervals containing active data at any one time.
Put/PutQ auxiliary	PUTQAUX	The number of records that application programs wrote to auxiliary temporary storage.
Number of control intervals in data set	CINUM	The number of control intervals available to auxiliary storage.
PutQ auxiliary rate current sample	CURAPUTQRATE	The rate at which PUT/PUTQ requests were issued to auxiliary temporary storage during the last sample period.
Peak strings in use	PEAKUSDSTR	The peak number of strings in use at any one time.
Writes greater than CISIZE	WRTGTCISZ	The number of records written with a length greater than the control interval size.
Number of temporary storage strings	STRINGS	The number of temporary storage strings specified in the system initialization table (SIT) or SIT overrides.
Read rate for current sample	CURREADRATE	The rate at which READ requests for a control interval were issued 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.

Table 54. Fields in MTSQGBL views (continued)

Field	Attribute name	Input values
Times queues created	QUECRECNT	The number of times that CICS created individual temporary storage queues.
Count of buffer waits	BUFFWAITS	The number of times a request was queued because all buffers were allocated to other tasks.
Peak users waiting on buffers	PEAKUWBUF	The peak number of requests queued because no buffers were available.
Number of temporary storage compressions	COMPRESSIONS	Number of compression made thus far.
Bytes per segment	BYTESPERSEG	Available bytes per control interval (CI).
Buffer writes forced for recovery	WRTFRECVR	The number of WRITE I/O requests caused by recovery being specified for queues.
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.
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.
Queue extensions created	QUEXTENDS	The number of times it was necessary to create a TSGID extension.
	CISIZE	The size of the control interval, in bytes.
Peak queue names in use	PEAKQUES	The peak number of temporary storage queue names in use at any one time.
Current users waiting on string	CURRUWSTR	Number of users currently waiting on a string.
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.
Number of I/O errors on DSN	IOERRS	The number of I/O errors that occurred on the temporary storage data set.
Shared read requests	SHRDREADREQ	The number of shared read requests.
Shared write requests	SHRDWRITEREQ	The number of shared write requests.

Table 54. Fields in MTSQGBL views (continued)

Field	Attribute name	Input values
GetQ auxiliary rate current sample	CURAGETQRATE	The rate at which GET/GETQ requests were issued for auxiliary temporary storage during the last sample period.
Buffer reads	BUFREADS	The number of times a control interval had to be read from disk.
Number of temporary storage buffers	BUFFERS	The number of temporary storage buffers specified in the system initialization table (SIT) or SIT overrides.
Get/Getq main	GETQMAIN	The number of records that application programs obtained from main temporary storage.
Peak users waiting on strings	PEAKUWSTR	The peak number of I/O requests that were queued at any one time.
Times auxiliary storage exhausted	AUXFULL	The number of times when one or more transactions were suspended because no auxiliary temporary storage was available.
PutQ auxiliary rate for interval	INTAPUTQRATE	The average rate at which PUT/PUTQ requests were issued to auxiliary temporary storage over the monitor interval.

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 55. Views in the supplied **Monitor data for terminals** (MTERMNL) view set*

View	Notes
Monitor data for terminals EYUSTARTMTERMNL.RESET	Resets the CICSPlex SM statistics counters associated with a terminal to 0.

Table 55. 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.TABULAR	Tabular information about monitored terminals.
Monitor data for terminals EYUSTARTMTERMNL.DETAILED	Detailed information about a selected terminal.

Actions

Table 56. Actions available for MTERMNL views

Action	Description
RESET	Resets the CICSPlex SM statistics counters associated with a terminal to 0.
DISCARD	Removes a terminal from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.

Fields

Table 57. Fields in MTERMNL views

Field	Attribute name	Input values
Terminal ID	TERMID	The terminal name as specified in the installed terminal definition. • MTERMNLD (from MTERMNL) • TERMNLD (from MTERMNLD)
Number of output messages	OUTMSGCNT	The number of output messages written to the terminal by either an application program or CICS.
Device type	DEVICE	The terminal or session type as recorded in the TCTTE.
Input message rate for current sample	CURIMSGRATE	The rate of operator-initiated inputs 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.
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.

Table 57. Fields in MTERMNL views (continued)

Field	Attribute name	Input values
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.
Output message rate for monitor interval	INTOMSGRATE	The average rate at which output messages were written to the terminal over the monitor interval.
Interval ID	INTERVALID	The ID of the monitor interval.
Output message rate for current sample	CUROMSGRATE	The rate at which output messages were written to the terminal during the last sample period.
Acquired status	ACQSTATUS	Indicates whether the terminal is currently acquired, released, or in the process of being acquired.
Input message rate for monitor interval	INTIMSGRATE	The average rate of operator-initiated inputs to the terminal over the monitor interval.
Number of input messages	INPMSGCNT	The number of operator-initiated inputs to the terminal, including initial transaction input and input as a result of a conversational read to the terminal.
LU name	LUNAME	VTAM logical unit name of the terminal.
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.
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.
Terminal input-output area (TIOA) storage	STORAGE	Amount of TIOA storage permitted to be allocated at this terminal.
Transaction rate for monitor interval	INTTRANRATE	The average rate at which transactions were started at the terminal over the monitor interval.
Number of transmission errors	XERRCNT	The number of errors recorded for the terminal.
Name of terminal in remote CICS	REMOTENAME	The name by which this terminal or session is known in a remote system.
Number of storage violations	STGVCNT	The number of storage violations that have occurred on the terminal.

Table 57. Fields in MTERMNL views (continued)

Field	Attribute name	Input values
Number of transactions	TRANCNT	The number of transactions, both non-conversational and pseudo-conversational, that were started at the terminal.
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.
Maximum pipeline-throwaway count	PMSGCONSEC	The maximum number of throwaways. A throwaway occurs when input is received for a pipeline pool terminal and none are available.
Number of transaction errors	TERRCNT	The number of transactions associated with the terminal that could not be started.
Service status	SERVSTATUS	Indicates whether the terminal is currently in service, out of service, or in the process of going out of service.

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 58. Views in the supplied **Monitor data for local or dynamic transactions (MLOCTRAN)** *view set*

View	Notes
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.DISCARD	Removes a transaction from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.

Table 58. 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.TABULAR	Tabular information about monitored local or dynamic transactions.
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.DETAILED	Detailed information about a selected transaction.
Monitor data for local or dynamic transactions EYUSTARTMLOCTRAN.DETAIL3	Detailed information about TCP/IP usage for a selected transaction.
Monitor data for local or dynamic transactions EYUSTARTMLOCTRAN.DETAIL1	Detailed information about comms requests for a selected transaction.

Actions

Table 59. Actions available for MLOCTRAN views

Action	Description
RESET	Resets the CICSPlex SM statistics counters associated with a transaction to 0.
DISCARD	Removes a transaction from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.

Fields

Table 60. Fields in MLOCTRAN views

Field	Attribute name	Input values
Total RMI elapsed count	RMITIMECT	The total RMI elapsed count.
Dispatch wait count	WAITCNT	The number of times the transaction waited for redispatch.
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).
Number of user getmains below 16M	USTG24CNT	The Number of user GETMAIN requests below 16M.
FEPI receive timeouts	SZRCVTO	The number of times the user transaction timed out while waiting to receive data.

Table 60. Fields in MLOCTRAN views (continued)

Field	Attribute name	Input values
Exception wait time	EXWAIT	The total elapsed time the transaction has waited on exception conditions.
Task suspend count	RLSWAITCNT	The number of RLS waits for this transaction.
Secondary terminal control characters out	CHAROUTSEC	The number of Secondary terminal control characters sent
Document retrieve requests	DHRETCT	The average number of Document Retreive requests issued by this transaction.
BTS reset requests	BARSPACT	The average number of Reset ACQprocess/Activity 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.
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.
Program storage HWM below 16M	PSTG24HWM	The maximum program storage below 16M.
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.
BTS total requests	BATOTPCT	The average number of Process/Activity requests issued by this transaction.
Other TCB mode CPU time	MSCPUT	The average CPU time that this transaction has used when dispatched on TCB Modes other than QR, H8, J8, L8 and S8 TCB Modes. This figure will include for example, dispatch times on the RO, CO, SZ etc.
WEB receive requests	WBRCVCT	The average number of WEB Receive requests issued by this transaction.
Lock manager wait time	LOCKMWT	The average time spent waiting for locks managed by the CICS lock manager.
User task CPU count	CPUCNT	The number of times the user task has accessed the CPU.

Table 60. Fields in MLOCTRAN views (continued)

Field	Attribute name	Input values
CF server syncpoint wait time	SRVSPWT	The average time spent waiting for CFDT Syncpoints to complete.
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.
FEPI characters sent	SZCHROUT	The number of characters sent by the user transaction through FEPI.
Program storage HWM above 16M	PSTG31HWM	The maximum program storage above 16M.
CF data-table-server syncpoint wait count	SRVSPWC	The average number of times that the transaction waited for a CFDT Syncpoint to complete.
Number of abends	ABENDCNT	The number of abends.
BTS define process requests	BADPROCT	The average number of Define Process requests issued by this transaction.
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.
ECDSA storage HWM	ECDSASHWM	The peak number of bytes used by this transaction in ECDSA.
Transient data I/O count	TDIOCNT	The number of transient data I/O requests.
Times used	USECOUNT	The number of times the transaction was used during the last monitor interval.
Number of TS puts to main storage	TSPUTMCNT	The number of TS puts to main storage.
LU6.2 Secondary terminal control chars in	TCC62IN2	The number of characters received from the principal terminal facility by the user transaction.
Number of transient data purges	TDPURCNT	The number of transient data purge requests.
Average CPU time for interval	INTAVGCPUT	The average amount of processor time for which the transaction was dispatched over the monitor interval.
Transaction rate for current sample	CURTRANRATE	The rate at which the transaction was used during the last sample period.
Journal control I/O wait time	JCIOTIME	The total time spent waiting in journal control I/O waits.

Table 60. Fields in MLOCTRAN views (continued)

Field	Attribute name	Input values
BTS link requests	BALKPACT	The average number of Link Process/Activity requests issued by this transaction.
CDSA program storage HWM	CDSAPSHWM	The maximum program storage in CDSA.
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.
BTS run synchronous requests	BARSYNCT	The average number of Run Process/Activity requests issued by this transaction in Synchronised mode.
Number of file puts	FCPUTCNT	The total number of file control put/write requests issued by this transaction.
IMS request wait count	IMSWAITC	The average number of times that this transaction has spent waiting for IMS Database Requests to complete.
WEB characters received	WBCHRIN	The average number of characters received via the WEB as a result of WEB Receives issued by this transaction.
File control I/O wait time	FCIOTIME	The amount of time spent waiting for I/O operations.
WEB characters sent	WBCHROUT	The average number of characters sent via the WEB as a result of WEB Sends issued by this transaction.
Terminal storage	TERMSTG	The average amount of terminal storage (TIOA) allocated to the terminal associated with the transaction.
FEPI receives	SZRCVCT	The number of FEPI RECEIVE requests made by the user transaction.
Number of TCTTE allocation requests	ALLOCATES	The number of TCTTE allocation requests.
BTS acquire process requests	BAACQPCT	The average number of Acquire Process and Acquire Activity requests issued by this transaction.
KC enqueue delay count	ENQDELAYCT	The amount of time spent waiting for a task control enqueue.

Table 60. Fields in MLOCTRAN views (continued)

Field	Attribute name	Input values
Average response time for current sample	CURAVGRESP	The average response time for the transaction during the last sample period.
Remote system identifier	RSYSID	The CICS system ID of the remote system to which this transaction was routed either statically or dynamically.
DCE services delay count	DCEDELAYCT	The Distributed Computing Environment services delay count.
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.
Times restarted	RESTARTCNT	The average number of times the transaction was restarted after an abend, if the RE CEDA keyword was specified.
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.
Document insert requests	DHINSCT	The average number of Document Insert requests issued by this transaction.
QR TCB mode dispatch count	QRDISPC	The number of times that this transaction has spent dispatched on the QR TCB Mode.
User task storage HWM below 16M	USTG24HWM	The peak number of bytes of user task storage below 16M.
Document create requests	DHCRECT	The average number of Document Create requests issued by this transaction.
Number of BMS in requests	BMSINCNT	The number of BMS in requests.
Program fetch wait time	PCLOADTM	The program fetch wait time.
Secondary terminal control messages in	MSGINSEC	The number of secondary terminal control messages received.
Cumulative response time	RESPONSE	The cumulative transaction response time.

Table 60. Fields in MLOCTRAN views (continued)

Field	Attribute name	Input values
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.
Lock manager wait count	LOCKMWC	The average number of times that the transaction waited for locks managed by the CICS lock manager.
Number of indoubt waits	NUMINDOUBWT	The number of indoubt waits.
Number of file gets	FCGETCNT	The total number of file control get/read requests issued by this transaction.
Document set requests	DHSETCT	The average number of Document Set requests issued by this transaction.
Program fetch wait count	PCLOADWCNT	The program fetch wait count.
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.
Number of times run remotely by routing exit	REMOTECNT	The number of times the dynamic transaction routing exit chose to run this transaction on a remote system.
Temporary storage I/O wait time	TSIOTIME	The temporary storage I/O wait time.
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.
WEB repository writes	WBREPWCT	The average number of WEB Repository write requests issued by this transaction.
Interregion I/O count	IRIOCNT	The number of interregion I/O requests issued by this transaction.
First program	PROGRAM	The name of the first program to be executed when this transaction is started.
Shared temporary storage wait count	SHDTSWC	The average number of times that the transaction waited for shared temporary storage resources.
CDSA occupancy	CDSASOCC	The storage occupancy in the CDSA. This measures the area under the curve of storage in use against elapsed time.

Table 60. Fields in MLOCTRAN views (continued)

Field	Attribute name	Input values
DB2 total number of requests	DB2REQCT	The average number of DB2 Database requests (SQL and IFI) issued by this transaction.
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.
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.
Terminal control I/O wait time	TCIOTIME	The terminal control I/O wait time.
Exception wait count	EXWAITCNT	The number of times the transaction has waited on exception conditions.
DCE services wait count	DCEWAITCT	The Distributed Computing Environment services wait count.
Dispatcher change modes	CHMODECT	The average number of CICS Dispatcher TCB Change Mode requests issued by this transaction.
Number of file browses	FCBRWCNT	The total number of file control getnext and getprevious requests issued by this transaction.
BTS define activity requests	BADACTCT	The average number of Define Activity requests issued by this transaction.
QR TCB mode dispatch time	QRDISPT	The time that this transaction has spent dispatched on the QR TCB Mode.
Transaction priority	PRIORITY	The priority of this transaction relative to other transactions in the CICS system.
QR TCB mode CPU count	QRCPUC	The number of times that this transaction has used CPU when dispatched on the QR TCB Mode.
Task control enqueue delay time	ENQDELAY	The amount of time spent waiting for a task control enqueue.
Number of program loads	PCLOADCNT	The number of program load requests.
Total RMI suspend time	RMISUSP	The amount of time the transaction was suspended by the dispatcher while in the resource manager interface (RMI).
File control I/O wait count	FCIOCNT	The number of times the user transaction waited for file control I/O operations.

Table 60. Fields in MLOCTRAN views (continued)

Field	Attribute name	Input values
First dispatch delay count	DSPDELAYCT	The amount of time spent waiting for first dispatch.
DB2 request wait count	DB2WAITC	The average number of times that this transaction has spent waiting for DB2 Database Requests to complete.
Primary terminal control messages out	MSGOUT	The number of primary terminal control messages sent.
Shared temporary storage wait time	SHDTSWT	The average time spent waiting shared temporary storage resources.
Task suspend count	SUSPCNT	The number of times the transaction was suspended by the dispatcher.
Dispatch wait time	WAITTIME	The time the transaction spent waiting for redispatch.
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.
Number of program XCTLs	PCXCTLCNT	The number of program XCTLs.
Secondary terminal control characters in	CHARINSEC	The number of Secondary terminal control characters received.
Dispatcher TCB attaches	TCBATTCT	The average number of CICS Dispatcher TCB Attaches issued by this transaction.
Secondary terminal control messages out	MSGOUTSEC	The number of secondary terminal control messages sent.
Total RMI elapsed time	RMITIME	The amount of time the transaction spent in the resource manager interface (RMI).
RLS SRB CPU time	RLSCPUT	The average amount of CPU time spent on the RLS SRB.
BTS suspend requests	BASUPACT	The average number of Suspend Process/Activity requests issued by this transaction.
DB2 connection (TCB) count	DB2CONWC	The average number of times that this transaction has spent waiting for DB2 Database Connections to complete.
Total times waited for RLS I/O	RLSWAIT	The elasped time in which this transaction waited for RLS file I/O.
DB2 request wait time	DB2WAIT	The average time that this transaction has spent waiting for DB2 Database Requests to complete.

Table 60. Fields in MLOCTRAN views (continued)

Field	Attribute name	Input values
Interval control requests	ICCOUNT	The number of interval control START or INITIATE requests issued by this transaction.
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.
Journal write requests	JNLWRTCT	The number of journal write requests issued by this transaction.
Number of BMS out requests	BMSOUTCNT	The number of BMS out requests.
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.
Number of TS puts to auxiliary storage	TSPUTACNT	The number of TS puts to auxiliary storage.
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.
BTS total data container requests	BATOTCCT	The average number of Data Container requests issued by this transaction.
Syncpoint wait time	SYNCTIME	The total elasped time for which this transaction was dispatched and was processing syncpoint requests.
Total FEPI requests	SZTOTCT	The total number of FEPI API and SPI requests made by the user transaction.
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.
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

Table 60. Fields in MLOCTRAN views (continued)

Field	Attribute name	Input values
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).
MVS DS storage constraint wait time	TMRDSCWT	The MVS DS storage constraint wait time.
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).
Isolation status	ISOLATEST	Indicates whether the transaction's user-key task-lifetime storage is isolated from the user-key programs of other transactions.
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.
FEPI allocate timeouts	SZALLCTO	The number of times the user transaction timed out while waiting to allocate a conversation.
Enabled status	STATUS	The enabled status of the transaction, which indicates whether or not it is available for use.
Program storage HWM below 16M	USRP24HWM	The maximum amount of program storage in use by the transaction below the 16MB line.
LU6.2 secondary terminal control messages out	TCM62OU2	The number of messages sent to the secondary terminal facility for LU6.2.
CF data table wait time	CFDTWT	The average time spent waiting for CFDT I/O to complete.
Task suspend time	SUSPTIME	The wait time for which the transaction was suspended by the dispatcher, including: • time waiting for the first dispatch • task suspend (wait) time • time waiting for redispatch after a suspended task is resumed
Sysplex-wide enqueue delay count	GNQDELAC	The average number of times spent by this transaction waiting for a Global Enqueue.
Syncpoint requests	SYNCCOUNT	The number of SYNCPOINT requests issued during the transaction.

Table 60. Fields in MLOCTRAN views (continued)

Field	Attribute name	Input values
LU6.1 I/O wait count	LU61WTTCT	The average time spent waiting for I/O on a LU6.1 connection or session.
Primary terminal control characters in	CHARIN	The number of Primary terminal control characters received.
Number of access method requests	FCAMCNT	The number of access method requests
Primary terminal control characters out	CHAROUT	The number of Primary terminal control characters sent.
FEPI sends	SZSENDCT	The number of FEPI SEND and FEPI CONVERSE requests made by the user transaction.
Journal control I/O wait count	JCIOCNT	The journal control I/O wait count.
CF data table wait count	CFDTWC	The average number of times that the transaction waited for shared temporary storage resources.
RLS CPU time monitor count	RLSCPUCNT	The RLS CPU time monitor count.
Transaction rate for interval	INTTRANRATE	The average rate at which the transaction was used over the monitor interval.
Number of storage violations	STGVCNT	The average number of storage violations for this transaction that have been detected by CICS storage management.
QR TCB mode delay time	QRMODDLY	The QR TCB mode delay time.
Primary terminal control messages in	MSGIN	The number of Primary terminal control messages received.
LU6.2 secondary terminal control chars out	TCC62OU2	The number of characters sent to the principal terminal facility by the user transaction.
BTS total event requests	BATOTECT	The average number of Event requests issued by this transaction.
J8 TCB mode CPU count	J8CPUC	The average number of times that this tranasction has used CPU when dispatched on the J8 TCB Mode. This mode is used by Java applications.
LU6.2 secondary terminal control messages in	TCM62IN2	The number of messages received from the secondary terminal facility for LU6.2.
DCE services wait time	DCEWAITTIME	The Distributed Computing Environment services wait time.
Total JVM elapsed time count	JVMTIMEC	The total JVM elapsed time count.

Table 60. Fields in MLOCTRAN views (continued)

Field	Attribute name	Input values
Terminal identifier	TERMID	The terminal ID associated with this transaction.
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.
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.
Other TCB mode CPU count	MSCPUC	The average number of times that this transaction has used CPU when dispatched on TCB Modes other than QR, L8, and J8 TCB Modes. This figure will include for example, number of times on the RO, CO, SZ etc.
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.
CDSA storage HWM	CDSASHWM	The peak number of bytes used by this transaction in CDSA
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.
Interval control wait count	INTVLWC	The average number of times that the transaction entered an interval control wait.
Temporary storage I/O wait count	TSIOCNT	The temporary storage I/O wait count.
Average CPU time for current sample	CURAVGCPUT	The average amount of processor time for which the transaction was dispatched during the last sample period.
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.
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.

Table 60. Fields in MLOCTRAN views (continued)

Field	Attribute name	Input values
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.
Terminal control I/O wait count	TCIOCNT	The terminal control I/O wait count.
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).
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.
Interregion I/O wait	IRIOTIME	The total time spent waiting in interregion I/O waits.
FEPI suspend time	SZWAIT	The total amount of time the user transaction spent waiting for all FEPI services.
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.
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
FEPI starts	SZSTRTCT	The number of FEPI START requests made by the user transaction.
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.
Performance record count	PERRECNT	The number of performance records written by the CICS/ESA Monitoring Facility (CMF) for this transaction.
Transaction class name	TRANCLASS	The 8-character transaction class name.

Table 60. Fields in MLOCTRAN views (continued)

Field	Attribute name	Input values
Document total length created	DHTOTDCL	The average length of Document's created by this transaction.
DB2 Connection wait time	DB2CONWT	The average time that this transaction has spent waiting for DB2 Database Connections to complete.
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.
User task CPU time	CPUTIME	The amount of processor time for which the transaction was dispatched on each CICS TCB.
Total file control requests	FCCOUNT	The average number of file control requests issued by the transaction, excluding OPEN, CLOSE, ENABLE, and DISABLE requests.
Other TCB mode dispatch count	MSDISPC	The average number of times that this transaction has used CPU when dispatched on TCB Modes other than QR, L8, and J8 TCB Modes. This figure will include for example, dispatches on the RO, CO, SZ etc.
FEPI suspend time count	SZWAITCT	The number of times the user transaction waited for FEPI services
Interval control wait time	INTVLWT	The average time spent waiting in interval control waits.
RRMS/MVS syncpoint delay time	RRMSWAIT	The average amount of time spent by this transaction waiting for syncpoint coordination with RRMS/MVS.
ECDSA getmains	ECDSAGETM	The number of ECDSA GETMAIN requests.
Total RMI suspend count	RMISUSPCT	The total RMI suspend count.
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.

Table 60. Fields in MLOCTRAN views (continued)

Field	Attribute name	Input values
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).
FEPI characters received	SZCHRIN	The number of characters received by the user transaction through FEPI.
Interval identifier	INTERVALID	The ID of the monitor interval.
Average response time for interval	INTAVGRESP	The average response time for the transaction over the monitor interval.
User task storage HWM above 16M	USTG31HWM	The peak number of bytes of user task storage above the 16MB line.
LU6.2 I/O wait count	LU62WTTCT	The average time spent waiting for I/O on a LU6.2 connection or session.
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.
Socket bytes encrypted	SOBYENCT	The average number of bytes encrypted by this transaction that were passed over the TCP/IP Sockets Interface.
Number of user getmains above 16M	USTG31CNT	The Number of user GETMAIN requests above 16M.
Transient data I/O wait time	TDIOTIME	The elasped time in which this transaction waited for transient data.
Program storage HWM above 16M	USRP31HWM	The maximum amount of program storage in use by the transaction above the 16MB line.
DB2 ReadyQ wait time	DB2RDYQW	The average time that this transaction has spent waiting on the DB2 ReadyQ.
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.
WEB send requests	WBSENDCT	The average number of WEB Send requests issued by this transaction.

Table 60. Fields in MLOCTRAN views (continued)

Field	Attribute name	Input values
Document total requests	DHTOTCT	The average total number of Document Handling requests issued by this transaction.
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=THREADSAFE when they issue DB2 requests (which must be DB2 Version 6 or above).
Number of file deletes	FCDELCNT	The total number of file control delete requests issued by this transaction.
Sysplex-wide enqueue delay time	GNQDELAY	The average amount of time spent by this transaction waiting for a Global Enqueue.
First dispatch delay	DSPDELAY	The amount of time spent waiting for first dispatch.
RRMS/MVS syncpoint delay count	RRMSWAIC	The average number of times spent by this transaction waiting for syncpoint coordination with RRMS/MVS.
Total transient data requests	TDCOUNT	The average number of transient data requests issued by the transaction, including GET, PUT, and PURGE requests.
CDSA getmains	CDSAGETM	The number of CDSA GETMAIN requests.
ECDSA program storage HWM	ECDSAPSHWM	The maximum program storage in ECDSA.
Number of temporary storage gets	TSGETCNT	The number of temporary storage get requests.
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.
Number of transient data gets	TDGETCNT	The number of transient data get requests.
Number of program links	PCLINKCNT	The number of program link requests.
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.

Table 60. Fields in MLOCTRAN views (continued)

Field	Attribute name	Input values
Run synchronous transaction wait time	RUNTRWTT	The average time that this transaction has spent waiting for a transaction it attached synchronously to complete.
BTS delete activity and cancel requests	BADCPACT	The average number of Delete Activity and Cancel Process/Activity requests issued by this transaction.
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).
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).
QR TCB mode CPU time	QRCPUT	The CPU time that this transaction has used when dispatched on the QR TCB Mode.
BTS activity data container requests	BAACDCCT	The average number of Activity Data Container 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.
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.
Task dispatch count	DISPCNT	The number of times the transaction was dispatched.
Number of transient data puts	TDPUTCNT	The number of transient data put requests.
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.

Table 60. Fields in MLOCTRAN views (continued)

Field	Attribute name	Input values
Other TCB mode dispatch time	MSDISPT	The average time that this transaction has been dispatched on TCB Modes other than QR, H8, J8, L8, and S8 TCB Modes. This figure will include for example, dispatch times on the RO, CO, SZ etc.
BTS define input event requests	BADFIECT	The average number of Define Input Event requests issued by this transaction.
BTS retrieve reattach event requests	BARATECT	The average number of Retrieve/Reattach Event 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:- • DEFINE TIMER EVENT • CHECK TIMER EVENT • DELETE TIMER EVENT • FORCE TIMER EVENT
CICS logger write requests	LOGWRTCT	The number of CICS Logger write requests issued by this transaction.
Number of file adds	FCADDCNT	The total number of file control add/new record write requests issued by this transaction.
DCE services delay time	DCEDELAYTIME	The Distributed Computing Environment services delay time.
Number of BMS map requests	BMSMAPCNT	The number of BMS map requests.
BTS resume requests	BARMPACT	The average number of Resume Process/Activity requests issued by this transaction.
Transaction	TRANID	The 4-character transaction name.
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.

Table 60. Fields in MLOCTRAN views (continued)

Field	Attribute name	Input values
Task dispatch time	DISPTIME	The elapsed time for which the transaction was dispatched.
Distributed program links	PCDPLCT	The average number of times this transaction has issued a CICS Program Control Distributed Program Link to another CICS system.
Link URM count	PCLURMCT	The average number of links to user related modules issued by this transaction.
Program storage HWM	PSTGHWM	The maximum program storage across all DSAs.
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.
Journal output requests	JCUSRWCNT	The number of journal output requests issued during the transaction.
Socket bytes decrypted	SOBYDECT	The average number of bytes decrypted by this transaction that were passed over the TCP/IP Sockets Interface.
DB2 ReadyQ wait count	DB2RDYQC	The average number of times that this transaction has spent waiting on the DB2 ReadyQ.
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.
Total temporary storage requests	TSCOUNT	The average number of temporary storage requests issued by the transaction, including GET, PUT, and PURGE requests.
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.
Total times processed syncpoint request	SYNCTIMCNT	The number of times this transaction has processed syncpoint requests
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.

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 61. Views in the supplied **Monitor data for remote transactions** *(MREMTRAN) view set*

View	Notes
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.DISCARD	Removes a transaction from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.
Monitor data for remote transactions EYUSTARTMREMTRAN.TABULAR	Tabular information about monitored remote transactions.
Monitor data for remote transactions EYUSTARTMREMTRAN.DETAILED	Detailed information about a selected transaction.

Actions

Table 62. Actions available for MREMTRAN views

Action	Description
RESET	Resets the CICSPlex SM statistics counters associated with a transaction to 0.
DISCARD	Removes a transaction from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.

Fields

Table 63. Fields in MREMTRAN views

Field	Attribute name	Input values
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.
Transaction	TRANID	The name of the transaction as known to the local CICS system.

Table 63. Fields in MREMTRAN views (continued)

Field	Attribute name	Input values
Response time	RESPTIME	The amount of time that elapsed from when the transaction was entered until it returned a response to the requester.
Transaction rate for monitor interval	INTTRANRATE	The average rate at which the transaction was used over the monitor interval.
Remote transaction ID	REMOTENAME	The name by which this transaction is known in the remote system.
Transaction rate for current sample	CURTRANRATE	The rate at which the transaction was used during the last sample period.
Remote system name	REMOTESYSTEM	The system ID of the CICS system where the remote transaction resides.
Number of times transaction run remotely	REMOTECNT	The number of times the dynamic transaction routing exit chose to run this transaction on a remote system.
Interregion wait time	IRIOTIME	The amount of time the transaction spent waiting for control at this end of an interregion communication (IRC) link.
Interval ID	INTERVALID	The ID of the monitor interval.
Average response time for monitor interval	INTAVGRESP	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.
Transaction class name	TRANCLASS	The 8-character transaction class name.
Number of times transaction has been used	USECOUNT	The number of times the transaction has been used.
Average response time for current sample	CURAVGRESP	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.

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 64. Views in the supplied **Monitor data for indirect transient data queues** *(MINDTDQ) view set*

View	Notes
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.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.TABULAR	Tabular information about monitored indirect transient data queues.
Monitor data for indirect transient data queues EYUSTARTMINDTDQ.DETAILED	Detailed information about a selected transaction.

Actions

Table 65. Actions available for MINDTDQ views

Action	Description
RESET	Resets the CICSPlex SM statistics counters associated with an indirect transient data queue to 0.
DISCARD	Removes an indirect transient data queue from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.

Fields

Table 66. Fields in MINDTDQ views

Field	Attribute name	Input values
Interval identifier	INTERVALID	The ID of the monitor interval.
Queue identifier	TDQUEUE	The name of the transient data queue.
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.

Table 66. Fields in MINDTDQ views (continued)

Field	Attribute name	Input values
Indirect queue outputs	OUTCNT	The number of WRITEs to or READs from the indirect transient data queue.
Indirect queue type	INDIRECTTYPE	Indicates whether the queue pointed to by this indirect queue is intrapartition, extrapartition, remote, or indirect.
Indirect queue name	INDIRECTNAME	The name of the queue that this indirect queue points to.
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.

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 67. Views in the supplied **Monitor data for intrapartition transient data queues** *(MNTRATDQ) view set*

View	Notes
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.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.TABULAR	Tabular information about monitored intrapartition transient data queues.
Monitor data for intrapartition transient data queues EYUSTARTMNTRATDQ.DETAILED	Detailed information about a selected intrapartition transient data queue.

Actions

Table 68. Actions available for MNTRATDQ views

Action	Description
RESET	Resets the CICSPlex SM statistics counters associated with an intrapartition transient data queue to 0.

Table 68. Actions available for MNTRATDQ views (continued)

Action	Description
DISCARD	Removes an intrapartition transient data queue from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.

Fields

Table 69. Fields in MNTRATDQ views

Field	Attribute name	Input values
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).
Interval identifier	INTERVALID	The ID of the monitor interval.
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.
Output rate for current sample	CUROUTQRATE	The rate at which WRITE requests were issued to the transient data queue during the last sample period.
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.
Intrapartition queue outputs	OUTCNT	The number of WRITEs to the intrapartition transient data queue.
Output rate for interval	INTOUTQRATE	The average rate at which WRITE requests were issued to the transient data queue over the monitor interval.
Trigger level	TRIGGERLEVEL	The number of requests for output to a queue that must be made before automatic transaction initiation (ATI) can occur.
Number of items	NUMITEMS	The logical number of records in the queue.
ATI transaction identifier	ATITRANID	The name of the transaction to be started when the automatic transaction initiation (ATI) trigger level is reached.

Table 69. Fields in MNTRATDQ views (continued)

Field	Attribute name	Input values
ATI user identifier	ATIUSERID	Specifies the userid for a transient data trigger-level transaction that is not associated with a terminal.

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 70. Views in the supplied **Monitor data for remote transient data queues** *(MREMTDQ) view set*

View	Notes
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.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.TABULAR	Tabular information about monitored remote transient data queues.
Monitor data for remote transient data queues EYUSTARTMREMTDQ.DETAILED	Detailed information about a selected remote transient data queue.

Actions

Table 71. Actions available for MREMTDQ views

Action	Description
RESET	Resets the CICSPlex SM statistics counters associated with an remote transient data queue to 0.
DISCARD	Removes an remote transient data queue from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.

Fields

Table 72. Fields in MREMTDQ views

Field	Attribute name	Input values
Interval identifier	INTERVALID	The ID of the monitor interval.
Queue identifier	TDQUEUE	The name of the transient data queue as known to the local CICS system.
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.
Remote queue outputs	OUTCNT	The number of READ and WRITE requests issued against the transient data queue.
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.
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.

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 73. Views in the supplied **Monitor data for extrapartition transient data queues** *(MXTRATDQ) view set*

View	Notes
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.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.TABULAR	Tabular information about monitored extrapartition transient data queues.

Table 73. Views in the supplied **Monitor data for extrapartition transient data queues** *(MXTRATDQ) view set (continued)*

View	Notes
Monitor data for extrapartition transient data queues EYUSTARTMXTRATDQ.DETAILED	Detailed information about a selected extrapartition transient data queue.

Actions

Table 74. Actions available for MXTRATDQ views

Action	Description
RESET	Resets the CICSPlex SM statistics counters associated with an extrapartition transient data queue to 0.
DISCARD	Removes an extrapartition transient data queue from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.

Fields

Table 75. Fields in MXTRATDQ views

Field	Attribute name	Input values
Interval identifier	INTERVALID	The ID of the monitor interval.
Queue identifier	TDQUEUE	The name of the transient data queue.
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.
Extrapartition queue outputs	OUTCNT	The number of WRITEs to the output data set or READs from the input data set.
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.
Enabled status	ENABLESTATUS	Indicates whether the queue can be accessed by applications.
Open status	OPENSTATUS	Indicates whether the queue is open, closed, or in an intermediate state.

Bibliography

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Other CICS books

The following publications contain further information about CICS, but are not provided as part of CICS Transaction Server for z/OS, Version 3 Release 2.

Designing and Programming CICS Applications	SR23-9692
CICS Application Migration Aid Guide	SC33-0768
CICS Family: API Structure	SC33-1007
CICS Family: Client/Server Programming	SC33-1435
CICS Transaction Gateway for z/OS Administration	SC34-5528
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Accessibility features help a user who has a physical disability, such as restricted mobility or limited vision, to use software products successfully.

You can perform most tasks required to set up, run, and maintain your CICS system in one of these ways:

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- using a 3270 emulator logged on to TSO
- using a 3270 emulator as an MVS system console

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