CICS Transaction Server for z/OS

CICSPlex SM Operations Views Reference

Version 3 Release 2

SC34-6843-04

CICS Transaction Server for z/OS

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Version 3 Release 2

SC34-6843-04

Note!
Before using this information and the product it supports, be sure to read the general information under “Notices” on page 467.

This edition applies to Version 3 Release 2 of CICS Transaction Server for z/OS, program number 5655-M15, and to all subsequent versions, releases, and modifications until otherwise indicated in new editions.

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Preface

This book provides usage information for the IBM® CICSPlex® System Manager (CICSPlex SM) element of CICS® Transaction Server for z/OS® Version 3 Release 2. It describes the CICSPlex SM Web User Interface (WUI) views that can be used in an 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 be familiar with the CICSPlex SM Web User Interface (WUI).

Notes on 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 Transaction Server for z/OS.

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

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

Summary of changes

This book is based on the CICSPlex SM CICS Transaction Server for z/OS, Version 2 Release 3 edition. It has been updated to incorporate changes made for CICS Transaction Server for z/OS Version 3 Release 2.

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 3 Release 1

This edition contains no significant changes. No new views or function has been added to the ISPF end user interface for CICS Transaction Server for z/OS Version 3 Release 1.

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

The following operations views have changed in CICS Transaction Server for z/OS, Version 2 Release 3:

- TASKD has a new attribute, BRFACILITY.

The following views have been removed as they are now obsolete:

- DSKJRNL
- DSKJRNLD
- DSKJRNLS
- JOURNAL
- JOURNALS
- SMFJRNL
- SMFJRNLD
- SMFJRNLS
- TAPEJRNL
- TAPEJRNLD
- TAPEJRNLS
- VOLUME
- VOLUMED
- VOLUMES

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

The following operations views are new in CICS Transaction Server for z/OS, Version 2 Release 2:

- EJCOSE4, a detailed view of the DJAR directory for a specific CorbaServer.
- JVMPOOL, a general view of the pool of JVMs in the CICS address space.
- JVMPOOLD, a detailed view of the pool of JVMs in the CICS address space.
- JVMPOOLS, a summary view of the pool of JVMs in the CICS address space.
- TCPIPGBL, a general view of CICS internal TCP/IP sockets support.
- TCPIPGBD, a detailed view of CICS internal TCP/IP sockets support.
- TCPIPGBS, a summaryl view of CICS internal TCP/IP sockets support.

The following operations views have been changed in CICS Transaction Server for z/OS, Version 2 Release 2:

- CICSRGN has new attributes, ACTHPTCBS, ACTJVMTCBS, MAXHPTCBS, MAXJVMTCBS, SUBTASKS, VTAM® GRNAME and VTAM GRSTAT.
- DB2CONN has new attributes, DB2ID, DB2GROUPID, PLAN, PLANEXITNAME, RESYNCMEMBER, TCBLIMIT and PRIORITY.
- DB2TRN has new attributes PLAN and PLANEXITNAME,
- EXITTRUE has a new attribute PURGEABLEST.
- TCPIPS has a new attribute, ATTACHSEC.

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 name fields 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.

Chapter 1. Introduction

This topicbook 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.

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.

Only the operations views are described in this topicbook. The monitor views are described in *CICSPlex System Manager Monitor Views Reference*; the CICSPlex SM definitions are described in the relevant CICSPlex SM topicbook: *CICSPlex System Manager Managing Workloads*, *CICSPlex System Manager Managing Resource Usage*, and *CICSPlex System Manager Managing Business Applications*.

Examples of how to use the views to perform some typical operations tasks are provided in the appendix.

The actions used to define the CMAS configuration and topology of a CICSPlex SM environment are described in Configuring a CMAS and Managing a CMAS configuration. Guidance on using the CICSPlex SM Web User interface is provided in the *CICSPlex System Manager Web User Interface Guide*.

Chapter 2. Controlling CICS resources

The CICSPlex SM operations views provide a single-system image of all the CICS resources within a CICSplex. The operations views allow you to:

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

Chapter 3. Availability for CICS releases

Some views, action commands, or fields are not available for all of the supported CICS releases. If a view is not available for all supported CICS releases, the **Availability** topicsection of the viewset description identifies the CICS releases for which the viewset is generally available. The online help for views, actions, and fields also provides availability information.

When you display a view and your CICSplex includes systems running a release of CICS for which that view is not available, those systems are not included in the view.

Chapter 4. CICS operations views

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

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

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

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

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

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

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

CICS Business Transaction Services (BTS) operations views

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

Process type - PROCTYP

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

Supplied views

To access from the main menu, click:

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

Table 1. Views in the supplied **Process type** *(PROCTYP) view set*

View	Notes
Process type EYUSTARTPROCTYP.DISABLE	Change the status of the process type to DISABLED.
Process type EYUSTARTPROCTYP.DISCARD	Discard a process type from the CICS system where it is installed.

Table 1. Views in the supplied **Process type** *(PROCTYP) view set (continued)*

View	Notes
Process type EYUSTARTPROCTYP.TABULAR	General information about BTS process types and their attributes.
Process type EYUSTARTPROCTYP.DETAILED	Detailed information about a selected process type.
Process type EYUSTARTPROCTYP.ENABLE	Enable a process type.
Process type EYUSTARTPROCTYP.SET	Open the **Process type Set** view in order to change the attributes of a selected process type.

Actions

Table 2. Actions available for PROCTYP views

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

Fields

Table 3. Fields in PROCTYP views

Field	Attribute name	Input values
Audit level	AUDITLEV	The audit level associated with the current definition. Valid values are : • OFF - No audit information is written • FULL - Process and Activity auditing • PROCESS - Process based auditing • ACTIVITY - Activity based auditing
File name	FILE	The name of the file that this CICS BTS process type uses for storing process status data.
Audit log name	AUDITLOG	The name of the audit log used for this process type.
BTS process type	NAME	The name of the CICS BTS process type.
Enable status	ENASTAT	The enabled status for the CICS BTS process type. Valid values are ENABLED or DISABLED.

CICS region operations views

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

CICS regions - CICSRGN

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

Supplied views

To access from the main menu, click:

CICS operations views > CICS region operations views > CICS regions

Table 4. Views in the supplied **CICS regions** *(CICSRGN) view set*

View	Notes
CICS regions EYUSTARTCICSRGN.STATISTICS	Request statistical data for the CICS system to a system management facility (SMF) data set. To request statistics for all resources in a CICS system, select the **Collect all statistics** field. To request statistics for selected resources, select one or more individual resource fields. You can also reset the statistics after they have been collected by selecting **Reset statistics counters**.
CICS regions EYUSTARTCICSRGN.TABULAR	Tabular information about CICS systems.
CICS regions EYUSTARTCICSRGN.DELETSHIPPED	Delete redundant terminal definitions from the selected CICS system
CICS regions EYUSTARTCICSRGN.DETAIL4	Detailed dispatcher and TCB information about a selected CICS system.
CICS regions EYUSTARTCICSRGN.SWITCH	Set automatic switching for auxiliary trace data sets when full.
CICS regions EYUSTARTCICSRGN.DETAIL2	Detailed task information about a selected CICS system.

Table 4. Views in the supplied **CICS regions** *(CICSRGN) view set (continued)*

View	Notes
CICS regions EYUSTARTCICSRGN.SHUTDOWN	Shut down a selected CICS system. Specify the type of shutdown, whether or not you want a dump to be taken, whether or not the CICS system should be restarted automatically, and, optionally, the 2-character suffixes of the program list table (PLT) and transaction list table (XLT) to be used. You can also specify a shutdown assist transaction name. This transaction will override the transaction specified in the SDTRAN system initialization parameter. Alternatively, you can select **No shutdown assist transaction** to shut down the CICS system without any transaction.
CICS regions EYUSTARTCICSRGN.DETAILED	Detailed general information about a selected CICS system.
CICS regions EYUSTARTCICSRGN.SECREBUILD	Rebuild the in-storage external security manager (ESM) profiles for a CICS system, provided they reside in local storage. The copies of the profiles that reside in the managing CMAS are also rebuilt. **Note:**This action cannot rebuild ESM profiles that reside in global storage. You must use the facilities provided by your ESM to refresh those profiles.
CICS regions EYUSTARTCICSRGN.RESETTIME	Reset internal clock of the selected CICS system.
CICS regions EYUSTARTCICSRGN.SNAP	Request a system dump. Specify a 1- to 8-character dump code and, optionally, a 1- to 8-character caller ID and a title of up to 79 characters.
CICS regions EYUSTARTCICSRGN.DETAIL3	Detailed autoinstall information about a selected CICS system.
CICS regions EYUSTARTCICSRGN.DETAIL1	Detailed monitoring, dump and trace information about a selected CICS system.

Actions

Table 5. Actions available for CICSRGN views

Action	Description
ARMRESTART	Request an MVS CANCEL of the CICS system with an ARM restart. Note that this action will complete successfully even if the MVS CANCEL command fails. The userid associated with the CMAS (not the API user) must have the appropriate security access in order to issue the MVS CANCEL command successfully.

Table 5. Actions available for CICSRGN views (continued)

Action	Description
STATISTICS	Request statistical data for the CICS system to a system management facility (SMF) data set. To request statistics for all resources in a CICS system, select the **Collect all statistics** field. To request statistics for selected resources, select one or more individual resource fields. You can also reset the statistics after they have been collected by selecting **Reset statistics counters**.
SHUTDOWN	Shut down a selected CICS system. Specify the type of shutdown, whether or not you want a dump to be taken, whether or not the CICS system should be restarted automatically, and, optionally, the 2-character suffixes of the program list table (PLT) and transaction list table (XLT) to be used. You can also specify a shutdown assist transaction name. This transaction will override the transaction specified in the SDTRAN system initialization parameter. Alternatively, you can select **No shutdown assist transaction** to shut down the CICS system without any transaction.
DELETSHIPPED	Delete redundant terminal definitions from the selected CICS system
SECREBUILD	Rebuild the in-storage external security manager (ESM) profiles for a CICS system, provided they reside in local storage. The copies of the profiles that reside in the managing CMAS are also rebuilt. **Note:**This action cannot rebuild ESM profiles that reside in global storage. You must use the facilities provided by your ESM to refresh those profiles.
SET	Change the attributes of a selected CICS region.
SWITCH	Set automatic switching for auxiliary trace data sets when full.
RESETTIME	Reset internal clock of the selected CICS system.
SNAP	Request a system dump. Specify a 1- to 8-character dump code and, optionally, a 1- to 8-character caller ID and a title of up to 79 characters.

Fields

Table 6. Fields in CICSRGN views

Field	Attribute name	Input values
Default user id	DFLTUSER	The default user ID associated with the CICS system.

Table 6. Fields in CICSRGN views (continued)

Field	Attribute name	Input values
Statistics interval	INTERVAL	The interval during which the CICS statistics counters are incremented. At the end of each interval, the accumulated statistics are recorded and the counters are reset. Input Values: 00:01:00 - 24:00:00
Autoinstall enabled status	AINSSTAT	The status of the autoinstall process (ENABLED or DISABLED).
Times MAXT reached	MAXTRCNT	The number of times the MAXTASK limit has been reached.
Prog autoins failed attempts	PROGAUTOFAIL	The number of program autoinstall requests that have failed.
System trace status	SYSTEMSTATUS	The status of the system master trace flag. Input Values: SYSTEMON, SYSTEMOFF
Total number of tasks	TOTLTASKS	The number of tasks that have run in the system since the beginning of the CICS run.
Monitor active	MONSTAT	The status of CICS monitoring in the system. Input Values: ON, OFF
	GMMLENGTH	The length of the good morning message that appears when a user signs on to native CICS.
Autoinstall Console Status	CONSOLES	Indicates whether CICS is to autoinstall an MVS console when it receives an MVS MODIFY command from a console that is not currently defined. Input values: NOAUTO, FULLAUTO, PROGAUTO
Runaway time	RUNAWAY	The amount of time, in milliseconds, that any task can have control of the processor before it is considered to be in a runaway condition. Input Values: 0, 500 - 2700000
Monitor performance class	PERFCLASS	Indicates whether the performance class of CICS monitoring data is being collected. Input Values: PERF, NOPERF

Table 6. Fields in CICSRGN views (continued)

Field	Attribute name	Input values
MRO batch	MROBATCH	The number of MRO requests from connected systems that are to be batched before this system is posted. Input Values: 1 - 255
CICS operating system id	CICSSYS	The CICS operating system identification code.
	PROGAUTOEXIT	The name of the user-provided program that is called by the program autoinstall code to select or modify a model definition. The default name is DFHPGADX.
WEB Garbage Interval	GARBAGEINT	The interval, in minutes, at which the web garbage collection task runs to clean up Web 3270 state data for which the terminal timeout interval has expired. Input Values: 1 - 6000
	STARTUPDATE	The date on which this run of CICS was started.
Autoinstall program status	PROGAUTOINST	Indicates whether or not autoinstall is active for programs. Input Values: AUTOACTIVE, AUTOINACTIVE
Peak AMAX count	PEAKAMAX	The highest number of user tasks concurrently eligible for dispatching at any one time.
Single trace status	SINGLESTATUS	The status of the flag that controls user tracing from the issuing task. Input Values: SINGLEON, SINGLEOFF

Table 6. Fields in CICSRGN views (continued)

Field	Attribute name	Input values
Number of currently allocated XPLink pool TCBs	ACTXPTCBS	The total number of X8 and X9 mode open TCBs currently allocated to user tasks. The X8 and X9 mode TCBs are allocated from the pool of open TCBs that CICS attaches up to the maximum set by the MAXXPTCBS system initialization parameter. CICS dispatcher maintains the pool of X8 and X9 mode TCBs for use by C and C++ programs compiled with the XPLINK option. The ACTXPTCBS value can be equal to, or less than, the MAXXPTCBS value. If it is equal to MAXXPTCBS, tasks that require an X8 or X9 mode open TCB are made to wait.
DTR exit program name	DTRPROGRAM	The name of the program controlling the dynamic routing of transactions in this system. Input Values: Any valid program name
	DSRTPROGRAM	The name of the program controlling the distributed routing of transactions in this system.
MVS system id	MVSSYSID	The SMF ID of the MVS system where this CICS is running.
AKP	AKP	The activity keypoint (AKP) trigger value, which is the number of logging operations between the taking of keypoints. Input Values: 200 - 65535 This field is not modifiable when it contains a value of N/A, which means the activity keypoint facility is not active in the CICS system.

Table 6. Fields in CICSRGN views (continued)

Field	Attribute name	Input values
Short on storage indication	SOSSTATUS	Indicates whether there is a short on storage condition: • NOTSOS - CICS is not short on storage in any of the dynamic storage areas. • SOS - CICS is short on storage in at least one of the dynamic storage areas above and below 16MB. • SOSABOVE - CICS is short on storage in at least one of the dynamic storage areas above 16MB • SOSBELOW - CICS is short on storage in at least one of the dynamic storage areas below 16MB. **Note:** This field does not apply to above the bar storage.
Shutdown status	SHUTSTATUS	The shutdown status of the CICS system: • CONTROLSHUT - Normal shutdown with a warm keypoint. • NOTAPPLIC - CICS not in shutdown mode. • SHUTDOWN - Immediate shutdown in progress.
User trace status	USERSTATUS	The status of the user master trace flag. Input Values: USERON, USEROFF
	STRTTIME	The time at which the dispatcher started, which can be considered the approximate time at which this run of CICS started.
Web Terminal Timeout Interval	TIMEOUTINT	The period of time, in minutes, after which inactive Web 3270 sessions are eligible for garbage collection. Input Values: 1 - 60
	TOTDELYUSRTR	The total number of queued user transactions in this transaction class.
Good morning message	GMMTEXT	The text of the good morning message that appears when a user signs on to native CICS.
Number of TRANDUMPS suppressed	TDMPSUPP	The number of transaction dumps requested by CICS or a user that were suppressed by a user exit or the dump table.

Table 6. Fields in CICSRGN views (continued)

Field	Attribute name	Input values
Peak number of tasks	PEAKTASKS	The highest number of tasks concurrently in the system at any one time.
Initial status	INITSTATUS	The initialization status of the CICS system: • INITCOMPLETE - Initialization is complete. • SECONDINIT - Second stage of CICS initialization. • THIRDINIT - Third stage of CICS initialization.
External security	EXTSEC	Indicates whether an external security manager (ESM) is active in this system.
Que time-trans currently qued	CURQUETIME	The amount of time that currently queued transactions have spent waiting for this transaction class.
PRSS nib count	PRSSNIBCNT	The total number of VTAM sessions that persisted.
OS/390 level	OSLEVEL	The level of the OS/390 operating system running on the machine where this CICS system is running. If you are running a CICS that has this field available and a level of MVS earlier than OS/390, blanks are displayed in this field.
	PROGAUTOXREJ	The number of times autoinstall program request were rejected.
Autoinstall program name	AINSPROG	The name of the program that controls the autoinstall process for this system. Input Values: Any valid program name

Table 6. Fields in CICSRGN views (continued)

Field	Attribute name	Input values
Maximum number of XPLink pool TCBs	MAXXPTCBS	The maximum number of X8 and X9 mode open TCBs that can exist concurrently in the CICS region. If you reduce MAXOPENTCBS from its previously defined value, and the new value is less than the number of open TCBs currently allocated, CICS detaches TCBs to achieve the new limit only when they are freed by user tasks. Transactions are not abended to allow TCBs to be detached to achieve the new limit. If there are tasks queued waiting for an L8 or L9 mode TCB and you increase MAXOPENTCBS from its previously defined value, CICS attaches a new TCB to resume each queued task, up to the new limit. Input Values: 1 - 999
	MVSSYSNAME	The name of the MVS system where this CICS is running.
Default remote system	DFLTREMSYS	The default remote system for this CICS system.
Jobname	JOBNAME	The job name of this CICS system.
Prgms removed by compression	PRGMRCMP	The number of program instances removed from storage by the Dynamic Program Storage Compression (DPSC) facility.
CICS system id	SYSID	The system ID of this CICS system.
Transaction isolation status	TRANISOLATE	Indicates whether the task chose to isolate itself from all the user key programs of other transactions defined using the ISOLATE feature.
AMAX	AMAXTASKS	The maximum number of active tasks allowed in the system at one time. Input Values: 2 - 999

Table 6. Fields in CICSRGN views (continued)

Field	Attribute name	Input values
Debugging profiles status	DEBUGTOOL	Indicates whether or not debugging profiles are used to select the programs that will run under the control of a debugging tool. The following debugging tools use debugging profiles: • Debug Tool, for compiled language application programs (programs written in COBOL, PL/I, C, C++ and Assembler) • Remote debugging tools (for compiled language application programs and Java programs) Other debugging mechanisms, such as the CICS Execution Diagnostic Facility (CEDF) do not use debugging profiles.
Times at HWM	LOADHWMC	The number of times the maximum number of suspended tasks was reached.
Number of currently allocated SSL pool TCBs	ACTSSLTCBS	The total number of S8 mode open TCBs currently allocated to user tasks.
Current AMAX count	CURRAMAX	The current number of user tasks that are eligible for dispatching.
PRSS delay interval	PSDINTERVAL	The persistent session delay interval, which determines if, and for how long, sessions are held in recovery-pending state after a CICS failure. Input Values: 00:00:00 - 23:59:59
LIBRARY search order update time	LDGLSORT	The amount of time spent updating the LIBRARY search order.
Maximum number of SSL pool TCBs	MAXSSLTCBS	The maximum number of S8 mode open TCBs that can exist concurrently in the CICS region.
Number of program uses	PRGMUCNT	The number of uses of any program by this CICS system.
Internal trace status	INTSTATUS	The status of internal tracing in this CICS system. Input Values: INTSTART, INTSTOP
Maximum amount of above the bar storage	MEMLIMIT	Maximum amount of above the bar storage that CICS can use. A value of 'N/A' means there is no limit to the amount of storage above the bar that CICS can use.

Table 6. Fields in CICSRGN views (continued)

Field	Attribute name	Input values
Good morning transid	GMMTRANID	The 4-character identifier of the CICS good morning transaction.
	ACTOPENTCBS	The total number of L8 and L9 mode open TCBs currently allocated to user tasks.
Monitor reports clock value	MONRPTTIME	The time stamp format for performance class records as either Greenwich mean time (GMT) or local time (LOCAL).
Value set by the SUBTSKS system initialization parameter	SUBTASKS	The value set by the SUBTSKS system initialization parameter, which can be either 0 or 1.
Times DFHRPL DEBs rebuilt	RDEBRBLD	The number of times the loader received an end-of-extent condition during a LOAD, successfully closed and re-opened the DFHRPL or dynamic LIBRARY concatenation and retried the load.
Real storage occupied	REALSTG	The number of 1 kilobyte frames of real storage currently in use by this CICS.
GTF trace status	GTFSTATUS	The status of CICS tracing to the MVS Generalized Tracing Facility (GTF). Input Values: GTFSTART, GTFSTOP
Reentrant protection	REENTPROTECT	Indicates whether storage for reentrant programs (the RDSA and ERDSA) is in key 0 or CICS key. MVS key 0 storage is write protected from programs running in CICS key or user key; programs in CICS key storage are protected only from those running in user key when CICS key and user key are different (that is, when storage protection is active): • REENTPROT - Read-only DSAs are in key 0 storage. • NOREENTPROT - Read-only DSAs are in CICS-key storage.
Maximum 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.
Current queued user trans	CURQUEDUSRTR	The number of user transactions queued and waiting for entry into the transaction class.

Table 6. Fields in CICSRGN views (continued)

Field	Attribute name	Input values
Current active user trans	CURACTVUSRTR	The number of user transactions currently active in the transaction class.
Number of currently allocated HP pool TCBs	ACTHPTCBS	The actual number of H8 mode open TCBs currently allocated to user tasks.
Resource recovery management service (RRMS) status	RRMSSTAT	Indicates the status of the MVS resource recovery management services as reported by this CICS region, for this MVS image
Catalog autoinstall pgm status	PROGAUTOCTLG	Indicates whether autoinstalled program definitions should be cataloged. Input Values: CTLGALL CTLGMODIFY, CTLGNONE
Monitor event class	EVENTCLASS	Indicates whether the sysevent class of CICS monitoring data is being collected. Input Values: EVENT, NOEVENT
Statistics next time	NEXTTIME	The time at which CICS statistics are next recorded and reset. This time is either the expiration of the current interval or the end-of-day time, whichever is earlier.
Total IO requests	SIOREQ	The number of start I/O (SIO) requests made by this CICS since startup.
Maximum number of HP pool TCBs	MAXHPTCBS	The maximum number of H8 mode open TCBs that CICS is allowed to attach and maintain in its pool of H8 mode TCBs.
Cold start status	COLDSTATUS	The system's cold start state (COLD, INITIAL, or NOTAPPLIC).
	PROGAUTOATTM	The number of program autoinstall attempts.
Storage protection	STGPROT	Indicates whether storage protection is active in this system.
Internal trace table size	TABLESIZE	The size of the internal trace table in kilobytes. Input Values: 16 - MAXSTOR
Total active user trans	TOTACTVUSRTR	The total number of active user transactions in this transaction class.
PRSS inquire count	PRSSINQCNT	The total number of times CICS issued an INQUIRE OPTCD=PERSESS.

Table 6. Fields in CICSRGN views (continued)

Field	Attribute name	Input values
Number of load requests	LOADREQS	The number of times the loader has issued an MVS LOAD request to load programs from the DFHRPL library concatenation, or a dynamic program LIBRARY, into CICS-managed storage.
System dump status	SYSDUMP	Indicates whether the taking of CICS system dumps is globally suppressed. Input Values: SYSDUMP, NOSYSDUMP
Total CPU time used	CPUTIME	The amount of CPU time, in seconds, used by this CICS since startup.
Current aux dataset	CURAUXDS	Identifies the current auxiliary trace data set (A or B).
Short on storage status below the line	SOSBELOWLINE	Indicates whether there is a short on storage condition: • NOTSOS - CICS is not short on storage below the line. • SOS - CICS is short on storage below the line.
Number of SYSDUMPS	SDMPTOTL	The number of system dumps taken by the whole system since the last CICS end-of-day statistics reset. This number does not include suppressed dumps.
Dump dataset switch status	DDSSTAT	Indicates whether there is to be an automatic switch to the inactive dump data set when the active dump data set becomes full. Input Values: SWITCHNEXT, NOSWITCH
Dump dataset open status	DDSOSTAT	Indicates whether the active CICS dump data set is open or closed. Input Values: OPEN, CLOSED, SWITCH
XCF group ID	XCFGROUP	The 8-character name of the cross-system coupling facility (XCF) group of which this region is a member. If this region is not a member of an XCF group (because it has not signed on to IRC) this field contains blanks.

Table 6. Fields in CICSRGN views (continued)

Field	Attribute name	Input values
	SUBSYSTEMID	The name used as the subsystem identification in the MVS workload activity reports. The subsystem identification defaults to the first 4 characters of the VTAM generic APPLID. This is obsolete from CICS TS Version 3 Release 2.
Command protection	CMDPROTECT	Indicates whether command protection, which validates the starting addresses passed from CICS commands, is active: • CMDPROT - Command protection is active. • NOCMDPROT - Command protection is not active.
Shutdown transaction	SDTRAN	The name of the transaction to be run at the beginning of a normal or immediate shutdown.
VTAM applid	APPLID	The VTAM application ID of this CICS system.
	MAXOPENTCBS	The maximum number of L8 and L9 mode open TCBs that can exist concurrently in the CICS region. If you reduce MAXOPENTCBS from its previously defined value, and the new value is less than the number of open TCBs currently allocated, CICS detaches TCBs to achieve the new limit only when they are freed by user tasks. Transactions are not abended to allow TCBs to be detached to achieve the new limit. If there are tasks queued waiting for an L8 or L9 mode TCB and you increase MAXOPENTCBS from its previously defined value, CICS attaches a new TCB to resume each queued task, up to the new limit. Input Values: 1 - 2000.
Total not in use Q time	LOADTNIU	The total amount of time spent waiting on those transactions that were queued in the transaction class.
PRSS opendst count	PRSSOPNCNT	The total number of persistent sessions that were successfully restored.

Table 6. Fields in CICSRGN views (continued)

Field	Attribute name	Input values
Force Quasireentrancy	FORCEQR	Specifies whether you want to force all user application programs specified as CONCURRENCY(THREADSAFE) to run under the CICS QR TCB, as if they were specified as CONCURRENCY(QUASIRENT) programs. This allows you, in a test environment, to run incompletely tested threadsafe application programs that have proved to be non-threadsafe. FORCEQR applies to all programs defined as threadsafe that are not invoked as task-related user exits, global user exits, or user-replaceable modules. • FORCE - All user programs defined as threadsafe are to be forced to run under the CICS QR TCB, as if they were specified as CONCURRENCY(QUASIRENT) programs. • NOFORCE - CICS is to honor the CONCURRENCY(THREADSAFE) attribute defined on program resource definitions, and allows user application programs to run on an open TCB to avoid unnecesary TCB switching.
Total waiting time	LOADWAIT	The total amount of time suspended tasks spent waiting for loader domain requests to be satisfied.
	PLASTRESET	The last reset time.
Monitor exception class	EXCEPTCLASS	Indicates whether the execption class of CICS monitoring data is being collected. Input Values: EXCEPT, NOEXCEPT

Table 6. Fields in CICSRGN views (continued)

Field	Attribute name	Input values
Max tasks	MAXTASKS	The maximum number of tasks, both active and suspended, allowed in the system at one time. Input Values: 1 - 999 CICSPlex SM uses a minimum of 6 tasks and may use as many as 16, depending on: • How much resource monitoring is active • How many real-time analysis status definitions (STATDEFs) are active Make sure the value in this field is high enough to accommodate all possible CICSPlex SM activity at your enterprise.
Number of waiting requests	PRGMWAIT	The current number of tasks that are suspended while waiting for loader domain requests to be satisfied.
Auxtrace dataset switch status	SWITCHSTATUS	Controls whether automatic data set switching occurs when the current auxiliary trace data set becomes full. Input Values: SWITCHNEXT, SWITCHALL, NOSWITCH
Separate conv task records	CONVERSEST	Indicates whether conversational tasks have separate performance class records produced for each pair of terminal I/O requests. Input Values: CONVERSE, NOCONVERSE
Open status	VTMSTATUS	The status of the connection between CICS and VTAM. Input Values: OPEN, CLOSED, IMMCLOSE, FORCECLOSE
Short on storage status above the line	SOSABOVELINE	Indicates whether there is a short on storage condition: • NOTSOS - CICS is not short on storage above the line. • SOS - CICS is short on storage above the line.
Number of times at RPL maximum	VTMRPLMAX	The number of times the maximum RPL posted value was reached.
Release	RELEASE	The CICS release of the displayed CICS system.

Table 6. Fields in CICSRGN views (continued)

Field	Attribute name	Input values
Number of currently allocated JVM pool TCBs	ACTJVMTCBS	The actual number of J8 and J9 mode open TCBs currently allocated to user tasks.
Auxtrace status	AUXSTATUS	The status of auxiliary tracing in this CICS system. Input Values: AUXSTART, AUXSTOP, AUXPAUSE
Resource name registration	GRSTATUS	The status of VTAM Generic Resource registration. If you set the status to DEREGISTERED you may also need to end affinities. See the CICS Intercommunication Guide for further information. • DEREGERROR - Deregistration was attempted but was unsuccessful, and there has been no attempt to reregister. • DEREGISTERED - Deregistration was successfully accomplished. • NOTAPPLIC - CICS is not using the generic resource feature; GRNAME is not set or is set to blanks. • REGERROR - Registration was attempted but was unsuccessful, and there has been no attempt to deregister. • REGISTERED - Registration was successful and there has been no attempt to deregister. • UNAVAILABLE - VTAM does not support the generic resource function. • UNREGISTERED - CICS is using the generic resource function but no attempt, as yet, has been made to register.
TCP/IP Status	TCPIP	The status of CICS internal sockets support (TCP/IP). Input Values: OPEN, CLOSED, IMMCLOSE
LIBRARY search order updates	LDGLBSOU	The number of LIBRARY search order updates.
CICS TS level	CTSLEVEL	The level of the CICS Transaction Server that this CICS system is running.

Table 6. Fields in CICSRGN views (continued)

Field	Attribute name	Input values
HWM wait loader	LOADHWMW	The maximum number of tasks suspended and waiting for loader domain requests to be satisfied at any one time.
LRT perf record frequency	FREQUENCY	The interval for which CICS automatically produces a transaction performance class record for any long-running transaction. Input Values: 0, 00:15:00 - 24:00:00
Peak queued user trans	PEKQUEDUSRTR	The highest number of queued user transactions in the transaction class at any one time.
CICS registered generic name	GRNAME	The Generic Resource group name under which this CICS region requests registration to VTAM.
Queue time - trans not queued	TOTQUETIME	The total amount of time that queued transactions spent waiting for this transaction class.
Number of SYSDUMPS suppressed	SDMPSUPP	The number of system dumps requested by CICS or a user that were suppressed by a user exit, the dump table, or a global system dump suppression.
Number prgms loaded not in use	LOADPNIU	The number of programs on the not-in-use (NIU) queue.
Priority aging	PRTYAGING	A factor used internally to relate a task's priority to its wait time. Input Values: 0 - 65535
Current dump dataset	CURRENTDDS	Indicates which of the dump data sets is active (A or B).
Load requests waited due to search order update	LDGLWSOU	The number of waits for a program load due to LIBRARY search order updates.
Maximum number of JVM pool TCBs	MAXJVMTCBS	The maximum number of J8 and J9 mode open TCBs that CICS is allowed to attach and maintain in its pool of J8 mode TCBs.

Table 6. Fields in CICSRGN views (continued)

Field	Attribute name	Input values
RLS active indicator	RLSSTATUS	Indicates whether the VSAM record level sharing (RLS) facility is active for this CICS system: • RLSACTIVE - CICS has registered with an SMSVSAM server and RLS is currently active. • RLSINACTIVE - CICS has registered with an SMSVSAM server, but RLS is currently not active because of an SMSVSAM server failure. • NOTAPPLIC - The CICS system does not support VSAM RLS because it was started with RLS=NO specified.
Number of waited loader reqs	LOADWCNT	The total number of tasks that have been suspended and forced to wait for loader domain requests to be satisfied.
PRSS error count	PRSSERRORCNT	The total number of persistent sessions that were already unbound when CICS tried to restore them.
End of day statistics	ENDOFDAY	The end-of-day time for recording CICS statistics. At end-of-day, the statistics counters are written out to an SMF data set and the counters are reset. Input Values: 00:00:00 - 23:59:59
Startup status	STARTUP	The system's startup state (COLDSTART, WARMSTART, EMERGENCY, or LOGTERM).
Total page-in requests	PAGEIN	The number of page-in requests made by this CICS since startup.
	PRSSUNBNDCNT	The number of persistent sessions that were terminated.
Last statistics reset time	LASTRESET	The last time CICS statistics were reset.
Perf record at syncpoint	SYNCPOINTST	Indicates whether performance records are written at a syncpoint. Values: SYNCPOINT, NOSYNCPOINT
TCEXIT trace status	TCEXITSTATUS	The status of tracing for CICS-VTAM exits. Input Values: TCEXITALL, TCEXITSYSTEM, TCEXITNONE, TCEXITALLOFF

Table 6. Fields in CICSRGN views (continued)

Field	Attribute name	Input values
VTAM short on storage count	VTMSOSCNT	The number of times VTAM experienced a temporary short on storage condition.
Number of concurrent user TCBs	CUTCBCNT	The number of MVS task control blocks (TCB) attached by CICS in this region.
Initial dump dataset	INITIALDDS	Indicates which of the dump data sets is to be used during the next CICS initialization. A value of X means whichever dump data set (A or B) was not in use the last time CICS shut down (either normally or abnormally) is to be opened first. Input Values: A, B, X
	DSINTERVAL	The interval between invocations of the CICS timeout delete mechanism. The timeout delete mechanism removes any shipped terminal definitions that have not been used for longer than the time displayed by the IDLE option.
Number of TRANDUMPS	TDMPTOTL	The number of transaction dumps taken by the whole system since the last CICS end-of-day statistics reset. This number does not include suppressed dumps.
	SCANDELAY	The maximum number of milliseconds between a user task making a terminal I/O request and the CICS terminal control task being dispatched to process the request. Input Values: 0 - 5000
XRF status	XRFSTATUS	For systems that are part of an XRF pair, indicates whether the running CICS is PRIMARY or TAKEOVER.

Table 6. Fields in CICSRGN views (continued)

Field	Attribute name	Input values
	CICSSTATUS	The current status of this CICS system: • STARTUP - CICS is starting up but is not yet fully active. Programs in the program list table for program initiation (PLTPI) are run during startup. • FIRSTINIT - CICS is in the first stage of initialization. • SECONDINIT - CICS is in the second stage of initialization. This stage corresponds to the period when first phase PLTPI programs are run; that is those programs in a PLT that are defined before the DFHDELIM statement. • THIRDINIT - CICS is in the third stage of initialization. This stage corresponds to the period when second phase PLTPI programs are run; that is those programs in a PLT that are defined after the DFHDELIM statement. • INITCOMPLETE - CICS initialization is complete. • ACTIVE - CICS is fully active. • FIRSTQUIESCE - CICS is in the first quiesce stage of shutdown. Programs in the first stage of the program list table for shutdown (PLTSD) are run during this stage. • FINALQUIESCE - CICS is in the final quiesce stage of shutdown. Programs in the second stage of the PLTSD are run during this stage. • CONTROLSHUT - CICS is in the process of a normal shutdown with a warm keypoint. • SHUTDOWN - CICS is in the process of an immediate shutdown. • CANCELLED - CICS is in the process of an uncontrolled shutdown.
Operating system	OPSYS	The name of the operating system that the CICS system is running under.
Current autoinstall requests	AINSCREQ	The number of autoinstall requests that are currently being processed.

Table 6. Fields in CICSRGN views (continued)

Field	Attribute name	Input values
Total loading time	LOADTIME	The time taken for all library load requests.
Current LUs in session	LUCURR	The number of logical users currently logged on.
Number not in use reclaims	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.
Operating system release	OPREL	The operating system release that the CICS system is running under.
Statistics recording	RECORDING	Controls the recording of interval and unsolicited statistics. End-of-day and requested statistics are always recorded, regardless of this value. Input Values: ON, OFF
Peak active user trans	PEKACTVUSRTR	The highest number of active user transactions in the transaction class at any one time.
VTAM ACB dynamic open count	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.
Short on storage status above the bar	SOSABOVEBAR	Indicates whether there is a short on storage condition: • NOTSOS - CICS is not short on storage above the bar. • SOS - CICS is short on storage above the bar.
IRC status	IRCSTAT	The status of interregion communication (IRC) in the system. Input Values: OPEN, CLOSED, IMMCLOSE
Trans run since last reset	INTVTRANS	The number of tasks run since the last CICS statistics reset.
Maximum autoinstall requests	AINSMREQ	The maximum number of autoinstall requests that are allowed to queue at any one time. Input Values: 0 - 999
HWM LUs in session	LUHWM	The highest number of logical users logged on at any one time.

Table 6. Fields in CICSRGN views (continued)

Field	Attribute name	Input values
	DSIDLE	The minimum time that an inactive shipped terminal definition must remain installed in this region. When the CICS timeout delete mechanism is invoked, only those shipped definitions that have been inactive for longer than this time are deleted.
Exit wait time	EXITTIME	The maximum interval, in milliseconds, for which CICS gives control to the operating system if no transactions are ready to execute. Input Values: 100 - 3600000
Current number of tasks	CURRTASKS	The current number of active user tasks in the system. The number shown may exceed the current value of MAXTASKS because the count includes tasks that are unable to start because the MAXTASKS limit or the MAXIMUM limit of a transaction class has been reached.
Total page-out requests	PAGEOUT	The number of page-out requests made by this CICS since startup.

Dynamic storage areas - CICSDSA

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

Supplied views

To access from the main menu, click:

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

Table 7. Views in the supplied **Dynamic storage areas** *(CICSDSA) view set*

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

Table 7. Views in the supplied **Dynamic storage areas** *(CICSDSA) view set (continued)*

View	Notes
Dynamic storage areas EYUSTARTCICSDSA.DETAIL1	Detailed information about a selected dynamic storage area.

Actions

Table 8. Actions available for CICSDSA views

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

Fields

Table 9. Fields in CICSDSA views

Field	Attribute name	Input values
Number of FREEMAIN requests	FREMTOTL	The number of FREEMAIN requests for this dynamic storage area.
Percentage of available total storage	PCTFREE	Available percent of total space of DSA calculated from the DSA or EDSA limit size value. This data has no meaning for above the bar storage.
The current GDSA active	GDSAACTIVE	The amount of storage available for use above the bar.
Storage protection status	STGPROTECT	Specifies whether the Storage Protection option was chosen for this execution of the CICS system. If storage protection is active CICS observes storage and execution keys that are specified in system and resource definitions.
Short on storage count	STGSOSC	The number of times CICS went short on storage (SOS) in this dynamic storage area. SOS means that the cushion is currently in use and/or there is at least one task suspended for storage.
Storage key	ACCESSTYPE	The type of access for this dynamic storage area (CICS, USER, READONLY). If storage protection is not active, all storage areas have an access type of CICS except those in the ERDSA.
Cushion limit	ATBCUSHLIMIT	The size in bytes of the cushion for this DSA. The cushion is the amount of storage below which CICS goes short on storage.

Table 9. Fields in CICSDSA views (continued)

Field	Attribute name	Input values
Current address space storage that is addressable	ASACTIVE	The current address space storage that can be addressed.
Number of extents allocated to DSA	EXTENTSCURR	The number of extents allocated to the DSA.
Number of Add Subpool requests	ASUBTOTL	The number of requests to create a domain or task subpool from this dynamic storage area.
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 times requests were suspended	STGSTOTL	The number of times a GETMAIN request with SUSPEND(YES) was suspended because of insufficient storage.
Number of storage violations	STGVTOTL	The number of storage violations recorded in this dynamic storage area.
Number of times NOSTORAGE returned	NSTGTOTL	The number of times a GETMAIN request with SUSPEND(NO) returned an insufficient storage condition.
Peak DSA allocated above/below 16M line	HWMALLOC	The largest amount of DSA allocated at any one time.
Number of extents added to DSA	EXTENTSADDED	The number of extents added to the DSA.
The GETSTOR request size	GETSTORSIZE	The amount of storage that has been requested displayed as bytes.
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 task requests for this CICS execution.
Number of requests for MVS storage causing wait	REQSWAITMVS	The number of requests for MVS storage causing waits.
Number of GCDSA cushion releases	ATBCUSHRELS	The number of cushion releases associated with this DSA.
Number of extents deleted from page pool	EXTENTSDELTD	The number of extents deleted from the page pool.
Largest free area size	STGLSIZE	The length in bytes of the largest contiguous free area in this dynamic storage area.
Current number of common subspace users	CURCMNSSUSRS	The current number of common subspace user requests.

Table 9. Fields in CICSDSA views (continued)

Field	Attribute name	Input values
Total time waiting for MVS storage	TIMEWAITMVS	The total amount of time that CICS has been waiting for storage in this dynamic storage area.
The peak GDSA active	HWMGDSAACTIV	The peak amount of storage available for use above the bar.
The HWM address space that can be addressed	HWMASACTIVE	The peak address space storage that could be addressed.
Peak size of DSA	STGHWM	The peak size of the DSA.
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.
Dynamic storage area (DSA) location	LOCATION	Indicates where this dynamic storage area is located, either above or below the 16MB line, or above the bar.
Free storage size	STGFSIZE	The amount of free storage, including the cushion, in this dynamic storage area.
Current DSA allocated above/below 16M line	CURRALLOC	The current amount of DSA allocated.
Maximum amount of above the bar storage	MEMLIMIT	The current upper limit of the total amount of storage within which CICS can allocate the individual DSAs that reside above the bar. A value of 'N/A' means there is no limit to the amount of storage above the bar that CICS can use.
Percentage of available pool storage	POOLPCTFREE	Available amount of space from all DSA pool allocations above or below the 16M line. This data has no meaning for above the bar storage.
Peak amount of free storage available	HWMFREE	The largest amount of storage that was free at any one time.
Peak number of unique subspace users	HWMUNQSSUSRS	The largest number of unique subspace user requests at any one time.
Peak number of common subspace users	HWMCMNSSUSRS	The largest number of common subspace user requests at any one time.
Smallest amount of free storage available	LWMFREE	The smallest amount of storage that was free at any one time.

Table 9. Fields in CICSDSA views (continued)

Field	Attribute name	Input values
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 user requests for this CICS execution.
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.
Number of current suspended storage requests	NSTGCURR	The number of GETMAIN requests currently suspended for insufficient storage.
Cushion size	CUSHION	The size in bytes of the cushion for this dynamic storage area. The cushion is the amount of storage below which CICS goes short on storage. Input Values: 0 - DSASIZE value
Number of current subpools	STGNSUBP	The current number of domain or task subpools in this dynamic storage area.
Reentrant program protection status	RNTPGPROTECT	Specifies whether Reentrant Program Protection was chosen for this execution of CICS. It protects CICS loaded programs from being written to directly.
Subpool size	SIZE	The size of the dynamic storage area in bytes.
Total time CICS was short on storage	STGSOST	The total amount of time that CICS has been short on storage (SOS) in this dynamic storage area.
Dynamic storage area (DSA)	NAME	The name of the dynamic storage area, as one of the following: RDSA, UDSA, CDSA, SDSA, ERDSA, EUDSA, ECDSA, ESDSA, GCDSA
Transaction isolation status	TRNISOLATION	The task-lifetime storage of programs that are defined with EXECKEY(USER) are protected from other EXECKEY(USER) programs both reading and writing if this is active.
Number of tasks purged while waiting	STGPWCNT	The number of GETMAIN requests that were purged while suspended for insufficient storage.

Table 9. Fields in CICSDSA views (continued)

Field	Attribute name	Input values
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. Input Values: 0 - maximum available storage

MVS storage areas - MVSESTG

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

Supplied views

To access from the main menu, click:

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

Table 10. Views in the supplied **MVS storage areas** *(MVSESTG) view set*

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

Actions

None.

Fields

Table 11. Fields in MVSESTG views

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

Loader information - Loader

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

Supplied views

To access from the main menu, click:

CICS operations views > CICS region operations views > Loader global

Table 12. Views in the supplied **Loader information** *(LOADER) view set*

View	Notes
Loader information EYUSTARTLOADER.TABULAR	Tabular loader information
Loader information EYUSTARTLOADER.DETAILED	Detailed loader information
Loader information EYUSTARTLOADER.DETAIL1	Loader Program compression below 16MB
Loader information EYUSTARTLOADER.DETAIL2	Loader Program compression above 16MB

Actions

None.

Fields

Table 13. Fields in LOADER views

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

Table 13. Fields in LOADER views (continued)

Field	Attribute name	Description
Average age on ESDSA Not-In-Use (NIU) queue	ANIUQESDSA	The average length of time that a program is eligible for removal from storage by the DPSC mechanism for this DSA. This value is calculated by DFHSTUP.
Average age on RDSA Not-In-Use (NIU) queue	ANIUQRDSA	The average length of time that a program is eligible for removal from storage by the DPSC mechanism for this DSA. This value is calculated by DFHSTUP.
Average age on SDSA Not-In-Use (NIU) queue	ANIUQSDSA	The average length of time that a program is eligible for removal from storage by the DPSC mechanism for this DSA. This value is calculated by DFHSTUP.
Size of CDSA	CDSASIZE	The size, in bytes, of the CICS dynamic storage area (CDSA). This is calculated and managed by CICS automatically, within the overall limits specified for all the DSAs that reside below the 16MB boundary.
CICS system release identifier	CICSREL	The release identifier of the CICS system.
Current time	CURRTIME	The local current time of day.
Size of ECDSA	ECDSASIZE	The size, in bytes, of the extended CICS dynamic storage area (ECDSA) above the 16MB boundary. The size of this storage area is calculated and managed by CICS automatically, within the overall limits specified for all the DSAs that reside above the 16MB boundary.
Size of ERDSA	ERDSASIZE	The size, in bytes, of the extended read-only dynamic storage area (ERDSA) above the 16MB boundary. The size of this storage area is calculated and managed by CICS automatically, within the overall limits specified for all the DSAs that reside above the 16MB boundary.
Size of ESDSA	ESDSASIZE	The current size of the extended shared dynamic storage area (ESDSA). The size of this storage area is calculated and managed by CICS automatically, within the overall limits specified for all the DSAs that reside above the 16MB boundary.

Table 13. Fields in LOADER views (continued)

Field	Attribute name	Description
Last reset time	LASTRESET	The last time CICS statistics were reset. The last reset time is expressed as local time.
Number of CDSA programs removed by compression	LDGDPSCRC	The number of program instances for this DSA removed from storage by the dynamic program storage compression (DPSC) mechanism.
Number of ECDSA programs removed by compression	LDGDPSCREC	The number of program instances for this DSA removed from storage by the dynamic program storage compression (DPSC) mechanism.
Number of ERDSA programs removed by compression	LDGDPSCRER	The number of program instances for this DSA removed from storage by the dynamic program storage compression (DPSC) mechanism.
Number of ESDSA programs removed by compression	LDGDPSCRES	The number of program instances for this DSA removed from storage by the dynamic program storage compression (DPSC) mechanism.
Number of RDSA programs removed by compression	LDGDPSCRR	The number of program instances for this DSA removed from storage by the dynamic program storage compression (DPSC) mechanism.
Number of SDSA programs removed by compression	LDGDPSCRS	The number of program instances for this DSA removed from storage by the dynamic program storage compression (DPSC) mechanism.
Total time for CDSA programs on Not-In-Use queue	LDGDPSCTC	The amount of time in hours, minutes and seconds spent by programs on the Not-In-Use (NIU) queue for this DSA.
Total time for ECDSA programs on Not-In-Use queue	LDGDPSCTEC	The amount of time in hours, minutes and seconds spent by programs on the Not-In-Use (NIU) queue for this DSA.
Total time for ERDSA programs on Not-In-Use queue	LDGDPSCTER	The amount of time in hours, minutes and seconds spent by programs on the Not-In-Use (NIU) queue for this DSA.
Total time for ESDSA programs on Not-In-Use queue	LDGDPSCTES	The amount of time in hours, minutes and seconds spent by programs on the Not-In-Use (NIU) queue for this DSA.
Total time for RDSA programs on Not-In-Use queue	LDGDPSCTR	The amount of time in hours, minutes and seconds spent by programs on the Not-In-Use (NIU) queue for this DSA.

Table 13. Fields in LOADER views (continued)

Field	Attribute name	Description
Total time for SDSA programs on Not-In-Use queue	LDGDPSCTS	The amount of time in hours, minutes and seconds spent by programs on the Not-In-Use (NIU) queue for this DSA.
Number of successful load retries	LDGDREBS	The number of times the loader received an end-of-extent condition during a LOAD and successfully closed and re-opened the DFHRPL or dynamic LIBRARY concatenation and retried the LOAD.
DSECT ID mask	LDGDSID	The identifier mask of the LDG DSECT.
DSECT version number	LDGDSVER	The version number of the LDG DSECT.
Number of times waiting loader requests peaked	LDGHWMT	The number of times the high watermark level indicated by LDGWLRHW was reached.
LIBRARY search order updates	LDGLBSOU	The number of LIBRARY search order updates.
Number of LIBRARY load requests	LDGLLR	The number of times the loader has issued an MVS LOAD request to load programs from the DFHRPL or dynamic LIBRARY concatenation into CICS managed storage. Modules in the LPA are not included in this figure.
Total time for all loads	LDGLLT	The time taken for the number of library loads indicated by LDGLLR.
LIBRARY search order update time	LDGLSORT	The amount of time spent updating the LIBRARY search order.
Load requests waited due to search order update	LDGLWSOU	The number of waits for a program load due to LIBRARY search order updates.
Number of CDSA programs on Not-In-Use (NIU) queue	LDGPROGNIUC	The number of programs on the Not-In-Use (NIU) queue for this DSA.
Number of ECDSA programs on Not-In-Use (NIU) queue	LDGPROGNIUEC	The number of programs on the Not-In-Use (NIU) queue for this DSA.
Number of ERDSA programs on Not-In-Use (NIU) queue	LDGPROGNIUER	The number of programs on the Not-In-Use (NIU) queue for this DSA.
Number of ESDSA programs on Not-In-Use (NIU) queue	LDGPROGNIUES	The number of programs on the Not-In-Use (NIU) queue for this DSA.

Table 13. Fields in LOADER views (continued)

Field	Attribute name	Description
Number of RDSA programs on Not-In-Use (NIU) queue	LDGPROGNIUR	The number of programs on the Not-In-Use (NIU) queue for this DSA.
Number of SDSA programs on Not-In-Use (NIU) queue	LDGPROGNIUS	The number of programs on the Not-In-Use (NIU) queue for this DSA.
Number of program uses	LDGPUSES	The number of uses of any program by the CICS system.
Number of CDSA reclaims from Not-In-Use queue	LDGRECNIUC	The number of reclaims that CICS has made from the Not-In-Use (NIU) queue for this DSA. Reclaims occur when a request is issued for programs currently in the Not-In-Use queue. The reclaimed instance of a program is no longer eligible for program compression (DPSC).
Number of ECDSA reclaims from Not-In-Use queue	LDGRECNIUEC	The number of reclaims that CICS has made from the Not-In-Use (NIU) queue for this DSA. Reclaims occur when a request is issued for programs currently in the Not-In-Use queue. The reclaimed instance of a program is no longer eligible for program compression (DPSC).
Number of ERDSA reclaims from Not-In-Use queue	LDGRECNIUER	The number of reclaims that CICS has made from the Not-In-Use (NIU) queue for this DSA. Reclaims occur when a request is issued for programs currently in the Not-In-Use queue. The reclaimed instance of a program is no longer eligible for program compression (DPSC).
Number of ESDSA reclaims from Not-In-Use queue	LDGRECNIUES	The number of reclaims that CICS has made from the Not-In-Use (NIU) queue for this DSA. Reclaims occur when a request is issued for programs currently in the Not-In-Use queue. The reclaimed instance of a program is no longer eligible for program compression (DPSC).

Table 13. Fields in LOADER views (continued)

Field	Attribute name	Description
Number of RDSA reclaims from Not-In-Use queue	LDGRECNIUR	The number of reclaims that CICS has made from the Not-In-Use (NIU) queue for this DSA. Reclaims occur when a request is issued for programs currently in the Not-In-Use queue. The reclaimed instance of a program is no longer eligible for program compression (DPSC).
Number of SDSA reclaims from Not-In-Use queue	LDGRECNIUS	The number of reclaims that CICS has made from the Not-In-Use (NIU) queue for this DSA. Reclaims occur when a request is issued for programs currently in the Not-In-Use queue. The reclaimed instance of a program is no longer eligible for program compression (DPSC).
Size of CDSA occupied by Not-In-Use (NIU) programs	LDGSTGNIUC	The number of bytes of this DSA's storage occupied by programs on the Not-In-Use (NIU) queue.
Size of ECDSA occupied by Not-In-Use programs	LDGSTGNIUEC	The number of bytes of this DSA's storage occupied by programs on the Not-In-Use (NIU) queue.
Size of ERDSA occupied by Not-In-Use programs	LDGSTGNIUER	The number of bytes of this DSA's storage occupied by programs on the Not-In-Use (NIU) queue.
Size of ESDSA occupied by Not-In-Use programs	LDGSTGNIUES	The number of bytes of this DSA's storage occupied by programs on the Not-In-Use (NIU) queue.
Size of RDSA occupied by Not-In-Use (NIU) programs	LDGSTGNIUR	The number of bytes of this DSA's storage occupied by programs on the Not-In-Use (NIU) queue.
Size of SDSA occupied by Not-In-Use (NIU) programs	LDGSTGNIUS	The number of bytes of this DSA's storage occupied by programs on the Not-In-Use (NIU) queue.
Total time spent waiting for loader	LDGTTW	The suspended time for the number of tasks indicated by LDGWTDLR.
Number of loader requests waiting	LDGWLR	The number of loader domain requests that are currently forced to suspend due to the loader domain currently performing an operation on that program on behalf of another task.

Table 13. Fields in LOADER views (continued)

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

Table 13. Fields in LOADER views (continued)

Field	Attribute name	Description
Percentage Not-In-Use of DSAs below 16MB in RDSA	PSTGNIUR	The number of programs on the Not-In-Use (NIU) queue for this DSA expressed as a percentage.
Percentage Not-In-Use of DSAs below 16MB in SDSA	PSTGNIUS	The number of programs on the Not-In-Use (NIU) queue for this DSA expressed as a percentage.
Size of RDSA	RDSASIZE	The current size of the read-only dynamic storage area (RDSA). The size of this storage area is calculated and managed by CICS automatically, within the overall limits specified for all the DSAs that reside below the 16MB boundary.
Size of SDSA	SDSASIZE	The current size of the shared dynamic storage area (SDSA). The size of this storage area is calculated and managed by CICS automatically, within the overall limits specified for all the DSAs that reside below the 16MB boundary.
Current DSA total	SMSDSATOTAL	Total amount of storage currently allocated to the DSAs below the line.
DSECT ID mask	SMSDSID	The identifier mask of the SMS DSECT.
DSECT version number	SMSDSVER	The version number of the SMS DSECT.
Current EDSA total	SMSEDSATOTAL	Total amount of storage currently allocated to the DSAs above the line.
Total waiting time for program loads	TLOADWAIT	The amount of time suspended tasks spent waiting for loader domain requests to be satisfied.

Transaction classes - TRANCLAS

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

Supplied views

To access from the main menu, click:

CICS operations views > CICS region operations views > Transaction classes

Table 14. Views in the supplied **Transaction classes** *(TRANCLAS) view set*

View	Notes
Transaction classes EYUSTARTTRANCLAS.DISCARD	Discard a transaction class from the CICS system where it is installed.

Table 14. Views in the supplied **Transaction classes** *(TRANCLAS) view set (continued)*

View	Notes
Transaction classes EYUSTARTTRANCLAS.TABULAR	Tabular information about transaction classes for each CICS system.
Transaction classes EYUSTARTTRANCLAS.DETAILED	Detailed information about a selected transaction class.
Transaction classes EYUSTARTTRANCLAS.SET	Display the **Transaction classes Set** view in order to change the attributes of a selected transaction class.

Actions

Table 15. Actions available for TRANCLAS views

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

Fields

Table 16. Fields in TRANCLAS 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.

Table 16. Fields in TRANCLAS views (continued)

Field	Attribute name	Input values
Number of transactions currently queued	QUEUED	The number of transactions that are currently queued awaiting initial dispatch. Queuing occurs either because the number of active tasks is already at the maximum, or because the maximum for the system has been reached.
Purge threshold	PURGETHRESH	The maximum number of transactions in this class that can be queued awaiting initial dispatch. Transactions in this class that arrive while the queue is at its PURGETHRESH limit are purged. When the size of the queue is unlimited (other than by the storage available to attach tasks), **NO** is displayed.
Number of transactions 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	NAME	The 8-character transaction class name.
Total number of attach requests	ATTACHES	The total number of attach requests.
Total time transactions currently queued	CURQUEDTIME	The amount of time spent waiting by those transactions that are currently queued in this transaction class.
Number of transactions currently active in class	ACTIVE	The total number of transactions currently active in the class.

System dump codes - SYSDUMP

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

Supplied views

To access from the main menu, click:

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

Table 17. Views in the supplied **CICS system dump codes** *(SYSDUMP) view set*

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

Actions

Table 18. Actions available for SYSDUMP views

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

Fields

Table 19. Fields in SYSDUMP views

Field	Attribute name	Input values
Number of dump calls since last reset	CURRENT	The number of dump calls that have been made for this system dump code since the value was last reset to 0. This value can be reset using the INITIALIZE action command. Note that it is possible for this value to be higher than the value in the System Dumps Taken field, which is reset by CICS end-of-day. If this value was initialized shortly before the end-of-day statistics reset, the number of current dumps could exceed the total number of dumps taken.
System dump scope type	SDUMPSCOPE	Indicates whether SDUMP requests with this system dump code are sent to other MVS images in the sysplex. The MVS images would be those that are running XCF/MRO connected CICS systems related to the CICS system that initiated the dump request: • LOCAL - SDUMP requests are not sent to related CICS systems. • RELATED - SDUMP requests are sent to related CICS systems. The CICS systems must be running under MVS/ESA 5.1 or later with the MVS workload manager.
Maximum number of dumps with this code	MAXIMUM	The maximum number of dump calls for this system dump code that result in a system dump being taken. Input Values: 0 - 999 (SYSDUMP only)
Dump analysis and elimination (DAE) option	DAEOPTION	Indicates whether a dump produced for this system dump code is eligible for suppression by the MVS dump analysis and elimination (DAE) component: • DAE - The dump is eligible for DAE suppression. • NODAE - The dump is not eligible for DAE suppression. If CICS determines a dump should be written, MVS will not suppress it.

Table 19. Fields in SYSDUMP views (continued)

Field	Attribute name	Input values
Number of system dumps taken	SDMPTOTL	The number of system dumps taken for this system dump code since the last CICS end-of-day statistics reset. This number does not include suppressed dumps.
Shutdown option	SHUTOPTION	Indicates whether the CICS system is to be shut down after a call to this system dump code. Input Values: SHUTDOWN, NOSHUTDOWN
	SYSDUMPCODE	Specifies the 8-character system dump code for which the system dump table entry is to be modified. A valid system dump code contains no leading or imbedded blanks.
	SYSDUMPING	Specifies whether a system dump request with this code should produce a dump. CVDA values are: • NOSYSDUMP - A dump is not to be taken. • SYSDUMP - A dump is to be taken. Even when SYSDUMP is specified, CICS takes a dump only if the number of requests for this code is less than the MAXIMUM and system dumps are not suppressed globally (see the DUMPING option of the INQUIRE SYSTEM command). MVS may also be allowed to suppress the dump if appropriate, depending on the DAEOPTION value.
Number of system dumps suppressed	SDMPSUPP	The number of system dumps requested for this system dump code (by CICS or a user) that were suppressed by one of the following: • a user exit • the dump table • a global system dump suppression

Transaction dump codes - TRANDUMP

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

Supplied views

To access from the main menu, click:

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

Table 20. Views in the supplied **Transaction dump codes** *(TRANDUMP) view set*

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

Actions

Table 21. Actions available for TRANDUMP views

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

Fields

Table 22. Fields in TRANDUMP views

Field	Attribute name	Input values
Number of dump calls since last reset	CURRENT	The number of dump calls that have been made for this transaction dump code since the value was last reset to 0. This value can be reset using the INITIALIZE action command. This also includes requests that do not result in dumps, either because they are suppressed for this code or because the number for this code has reached its maximum. Note that it is possible for this value to be higher than the value in the Transaction Dumps Taken field, which is reset by CICS end-of-day. If this value was initialized shortly before the end-of-day statistics reset, the number of current dumps could exceed the total number of dumps taken.
	TRANDUMPCODE	The 4-character transaction dump code for which the transaction dump table entry is to be changed. A valid transaction dump code has no leading or imbedded blanks.
Number of transaction dumps suppressed	TDMPSUPP	The number of transaction dumps requested for this transaction dump code (by CICS or a user) that were suppressed by one of the following: • a user exit • the dump table
Maximum number of dump calls	MAXIMUM	The maximum number of dump calls for this transaction dump code that result in a dump being taken. Input Values: 0 - 999 (TRANDUMP only)
Number of system dumps taken	SDMPTOTL	The number of system dumps taken for this transaction dump code since the last CICS end-of-day statistics reset. This number does not include suppressed dumps.

Table 22. Fields in TRANDUMP views (continued)

Field	Attribute name	Input values
Shutdown option	SHUTOPTION	Indicates whether the CICS system is to be shut down after a call to this transaction dump code. Input Values: SHUTDOWN, NOSHUTDOWN
System dump option	SYSDUMPING	Indicates whether a system dump is to be taken for this transaction dump code. Input Values: SYSDUMP, NOSYSDUMP
Transaction dump scope type	TDUMPSCOPE	Indicates whether SDUMP requests with this transaction dump code are sent to other MVS images in the sysplex. The MVS images would be those that are running XCF/MRO connected CICS systems related to the CICS system that initiated the dump request. • LOCAL - SDUMP requests are not sent to related CICS systems. • RELATED - SDUMP requests are sent to related CICS systems. The CICS systems must be running under MVS/ESA 5.1 or later with the MVS workload manager. Input Values: LOCAL, RELATED
Number of system dumps suppressed	SDMPSUPP	The number of system dumps requested for this transaction dump code (by CICS or a user) that were suppressed by one of the following: • a user exit • the dump table • a global system dump suppression
Number of transaction dumps taken	TDMPTOTL	The number of transaction dumps taken for this transaction dump code since the last CICS end-of-day statistics reset. This number does not include suppressed dumps.

Table 22. Fields in TRANDUMP views (continued)

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

Global dispatcher information - DSPGBL

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

Supplied views

To access from the main menu, click:

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

Table 23. Views in the supplied **Global dispatcher information** *(DSPGBL) view set*

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

Actions

Table 24. Actions available for DSPGBL views

Action	Description
SET	Change the attributes of a selected dispatcher.

Fields

Table 25. Fields in DSPGBL views

Field	Attribute name	Input values
Dispatcher start time GMT	DSGSTART	The time at which the dispatcher started. This value can be used as an approximate time at which CICS started.
Dispatcher start time LOCAL	DSGLSTRT	The local time at which the CICS dispatcher started. This value can be used as an approximate time at which CICS started.
Elapsed job step timing	DSGEJST	The total CPU time for all TCBs in this address space, accumulated during the interval.
CICS system release identifier	CICSREL	The release identifier of the displayed CICS system
MRO batching value (MROBTCH)	DSGMBTCH	The MROBTCH value specified in the SIT, or as an override, or changed dynamically using CEMT SET SYSTEM MROBATCH(value) or EXEC CICS SET SYSTEM MROBATCH(fullword binary data-value) commands.
Accumulated SRB time	DSGSRBT	The accumulated SRB time for this CICS address space.
Priority aging value (PRTYAGE) (milliseconds)	DSGPRIAG	The number of milliseconds to be used in the priority aging algorithm for incrementing the priority of a task. CICS increases the task priority by 1 after each PRTYAGING milliseconds of wait time without a dispatch. The value can be in the range 0 through 65535, and 32768 is the default.
Current number of tasks	DSGCNT	The current number of tasks in the system. This figure includes all system tasks and all user tasks.
Number of excess TCB scans	DSGXSCNS	The number of CICS dispatcher excess MVS TCB scans.
Current region exit time (ICV) (milliseconds)	DSGICVT	The ICV time value (expressed in milliseconds) specified in the SIT, or as an override, or changed dynamically using CEMT SET SYSTEM TIME(value) or EXEC CICS SET SYSTEM TIME(fullword binary data-value) commands.

Table 25. Fields in DSPGBL views (continued)

Field	Attribute name	Input values
Number of subtasks	DSGSTSKS	The number of task control blocks (TCBs) that CICS can use for running tasks in concurrent mode, as specified in the SUBTSKS SIT parameter.
Quasi-reentrancy force option	FORCEQR	Specifies whether you want CICS to force all CICSAPI user application programs that are specified as threadsafe to run under the CICS QR TCB, as if they were specified as quasi-reentrant programs. Valid options: FORCE, NOFORCE
Total number of excess TCBs detached	DSGXTCBD	The total number of MVS TCBs that have been detached by the CICS dispatcher's excess MVS TCB management processing.
Terminal scan delay time (ICVTSD) (milliseconds)	DSGICVSD	The ICVTSD time value (expressed in milliseconds) specified in the SIT, or as an override, or changed dynamically using CEMT SET SYSTEM SCANDELAY(value) or EXEC CICS SET SYSTEM SCANDELAY(fullword binary data-value) commands.
Peak number of tasks	DSGPNT	The peak number of tasks concurrently in the system.
Runaway task time interval (ICVR) (milliseconds)	DSGICVRT	The default system value for runaway task time (expressed im milliseconds) specified in the SIT, or as an override, or changed dynamically using CEMT SET SYSTEM TIME(value) or EXEC CICS SET SYSTEM TIME(fullword binary data-value) commands. This value is used for any task executing a transaction whose profile does not specify runaway task time
Number of excess TCB scans with no TCB detached	DSGXSCNN	The number of excess MVS TCB scans that resulted in no MVS TCBs being detached by the CICS dispatcher.

Dispatcher TCB modes - DSPMODE

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

Supplied views

To access from the main menu, click:

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

Table 26. Views in the supplied **Dispatcher TCB modes** *(DSPMODE) view set*

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

Actions

None.

Fields

Table 27. Fields in DSPMODE views

Field	Attribute name	Input values
CPU time used by this TCB for dispatcher task	DSGTCT	The accumulated CPU time taken for the DS task, that is, the processor time used by TCBs in this mode while executing the default dispatcher task (DSTCB). The DSECT field contains the time as a store clock (STCK) value.
Number of partition exits	DSGSYSW	The number of MVS waits which occurred on TCBs in this mode.
TCB mode pool name	TCBPOOLN	The name of the TCB pool in which this TCB mode is defined, either N/A, HOTPOOL, OPEN, JVM, SSL or XPLINK.
Open status	DSGTCBMD	Indicates whether this TCB mode is an open TCB mode, not an open TCB mode, or unknown. Unknown means that this TCB mode has not been activated; the first request for a TCB in a particular mode will cause the mode to be activated.
Number of stolen detaches	DSGTCBDS	The number of MVS TCBs that have been, or are in the process of being, taken from this CICS dispatcher mode because it is required by another TCB mode.
Current number of TCBs attached	DSGTCBCA	The current number of TCBs attached for this CICS address space.

Table 27. Fields in DSPMODE views (continued)

Field	Attribute name	Input values
TCB mode pool number	DSGTCBMP	The number of the TCB pool in which this TCB mode is defined.
Peak number of TCBs attached	DSGTCBPA	The peak number of TCBs attached in this mode.
Total of real time TCB has been dispatched by MVS	DSGTDT	The accumulated real time that TCBs in this mode have been dispatched by MVS; that is, the total time used between an MVS wait issued by the dispatcher and the subsequent wait issued by the dispatcher. The DFHSTUP report expresses this time as hours:minutes:seconds.decimals; however, the DSECT field contains the time as a store clock (STCK) value.
Number of excess detaches	DSGTCBDX	The number of MVS TCBs that have been, or are in the process of being, detached from this CICS dispatcher mode because of the CICS dispatcher excess TCB scans.
Number of other detaches	DSGTCBDO	The number of MVS TCBs that have been, or are in the process of being, detached from this CICS dispatcher TCB mode for other reasons (for example, because the TCB pool limit has been lowered, or because there are too many TCBs attached in relation to the number of TCBs in use).
Number of TCB steals	DSGTCBST	The number of MVS TCBs that have been stolen from other TCB modes.
Peak number of TCBs used by mode	DSGTCBPU	The peak number of TCBs used in this mode.
Number of TCBs allocated	DSGTCBAL	The number of times a TCB from this TCB mode was allocated to a task (that is, CICS assigned the TCB for the use of a particular task). TCB allocates only apply to open TCB modes. 'N/A' means either that this is not an open TCB mode, or that no TCBs have yet been created in this mode.
Number of unclean detaches	DSGTCBDU	The number of MVS TCBs that have been, or are in the process of being, detached for this CICS dispatcher mode because the CICS transaction associated with the TCB has abended.

Table 27. Fields in DSPMODE views (continued)

Field	Attribute name	Input values
Total CPU time used by this TCB	DSGACT	The accumulated CPU time taken for all the TCBs that are, or have been, attached in this TCB mode; that is, the total time that TCBs in this mode have been in execution.
Real time CICS spent in MVS wait	DSGTWT	The accumulated real time that this TCB was in an MVS wait, that is, the total time used between an MVS wait issued by the dispatcher and the return from the MVS wait.
Number of TCB mismatches	DSGTCBMM	The number of MVS TCB mismatches that have occurred for this TCB mode.
Number of TCB attaches	DSGNTCBA	The number of MVS TCBs that have been attached in this TCB mode.
TCB mode name	DSGTCBNM	The name of the CICS dispatcher TCB mode. This can be QR, RO, CO, SZ, RP, FO, SL, SO, SP, D2, JM, S8, L8, L9, J8, J9, X8, or X9.
Current number of TCBs used by mode	DSGTCBCU	The current number of TCBs attached in this TCB mode.
Number of TCB attach failures	DSGTCBAF	The number of MVS TCB attach failures that have occurred in this TCB mode.

Dispatcher TCB pools - DSPPOOL

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

Supplied views

To access from the main menu, click:

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

Table 28. Views in the supplied **Dispatcher TCB pools** *(DSPPOOL) view set*

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

Actions

Table 29. Actions available for DSPPOOL views

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

Fields

Table 30. Fields in DSPPOOL views

Field	Attribute name	Input values
Current waiting time at TCB limit	DSGCURWT	The current delay time for the TCB requests that are currently delayed because the system has reached the limit for the number of TCBs allowed in this pool.
Current number of TCBs in use	DSGCNUUS	The current number of CICS TCBs attached in this TCB pool and being used.
Peak number of TCBs attached	DSGPNUAT	The peak number of TCBs attached in the TCB modes that reside in this TCB pool.
Total number of waits	DSGTOTNW	The total number of TCB requests delayed because the system reached the limit for the number of TCBs allowed in this pool.
Total number of MVS storage waiters	DSGTOTMW	The total number of MVS storage requests that have waited because no TCB was available, and none could be created because of MVS storage constraints.
Total waiting time at TCB limit	DSGTOTWL	The total time that TCB requests were delayed because the system had reached the limit for the number of TCBs allowed in this pool.
Maximum number of TCBs	DSGMXTCB	The value for the maximum number of TCBs allowed in this pool. The value is specified in the system initialization parameter MAXOPENTCBS (for the open TCBs pool), MAXJVMTCBS (for the JVM TCBs pool), MAXSSLTCBS (for the SSL TCBs pool), or MAXXPTCBS (for the XP TCBs pool).
Total TCB Mismatch wait time	DSGMMWTM	The total time spent in TCB mismatch waits by TCB requests using this pool.

Table 30. Fields in DSPPOOL views (continued)

Field	Attribute name	Input values
Number of times at pool limit	DSGNTCBL	The number of times the system reached the limit for the number of TCBs allowed in this pool (MAXOPENTCBS, MAXJVMTCBS, MAXSSLTCBS, or MAXXPTCBS).
Current TCB Mismatch wait time	DSGCMMWT	The current wait time for current TCB mismatch waits by TCB requests using this pool.
TCB pool name	POOLNAME	The name of the CICS TCB pool, either OPEN, JVM, SSL, or XP.
Total MVS storage wait time	DSGTOTMT	The total time spent in MVS storage waits by TCB requests using this pool.
Total TCB Mismatch waits	DSGMMWTS	The total number of TCB mismatch waits, that is, TCB requests that waited because there was no TCB available matching the request, but there was at least one non-matching free TCB. For J8 and J9 mode TCBs in the JVM pool, this shows the requests that waited for a TCB of the correct mode (J8 or J9) and JVM profile.
Current TCB Mismatch waits	DSGCMMWS	The current number of TCB mismatch waits by TCB requests using this pool.
Peak number of tasks waiting for TCB	DSGPEANW	The peak number of TCB requests that were delayed because the system had reached the limit for the number of TCBs allowed in this pool.
Peak TCB Mismatch waits	DSGPMMWS	The peak number of TCB mismatch waits by TCB requests using this pool.
Current number of TCBs attached	DSGCNUAT	The current number of TCBs attached in the TCB modes that reside in this TCB pool.
Peak number of TCBs in use	DSGPNUUS	The peak number of CICS TCBs used that were attached in this TCB pool.
Current number of tasks waiting for TCB	DSGCURNW	The number of TCB requests that are currently delayed because the system has reached the limit for the number of TCBs allowed in this pool.
TCB pool number	DSGTCBPN	The number of the CICS TCB pool.

Global MVS TCB information - MVSTCBGL

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

Supplied views

To access from the main menu, click:

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

Table 31. Views in the supplied **Global MVS TCB information** *(MVSTCBGL) view set*

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

Actions

None.

Fields

Table 32. Fields in MVSTCBGL views

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

Table 32. Fields in MVSTCBGL views (continued)

Field	Attribute name	Input values
Storage in use above 16M	CICSTCBSTGAI	The total storage in bytes above 16MB that is in use by CICS TCBs.
Storage below 16M in use by CICS TCBs	CICSTCBSTGBI	The total storage in bytes below 16MB that is in use by CICS TCBs.
Storage below 16M for CICS TCBs	CICSTCBSTGB	The total storage in bytes below 16MB allocated to CICS TCBs.

MVS TCBs - MVSTCB

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

Supplied views

To access from the main menu, click:

CICS operations views > CICS region operations views > MVS TCBs

Table 33. Views in the supplied **MVS TCBs** *(MVSTCB) view set*

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

Actions

None.

Fields

Table 34. Fields in MVSTCB views

Field	Attribute name	Input values
	TCBTYPE	The type of TCB. Values are CICS or NONCICS.
CICS task number	TCBCICSTASK	The CICS task number currently associated with this TCB. None means there are no CICS transactions currently assigned to this TCB.
Daughter TCB	TCBDAUGHTER	The address of the daughter TCB
TCB name	TCBNAME	The name of the MVS TCB.
Sister TCB	TCBSISTER	The address of the sister TCB

Table 34. Fields in MVSTCB views (continued)

Field	Attribute name	Input values
Private storage in use below 16M	TCBSTGBINUSE	The total private storage below 16MB allocated to this TCB in use.
	TCBSTGABOVE	The total private storage above 16MB allocated to this TCB.
Private storage in use above 16M	TCBSTGAINUSE	The total private storage above 16MB allocated to this TCB in use.
CPU time used by the TCB	TCBCPUTIME	The total CPU time so far for this TCB
TCB address	TCBADDRESS	The address of the MVS TCB.
Private storage below 16M	TCBSTGBELOW	The total private storage below 16MB allocated to this TCB.
Mother TCB	TCBMOTHER	The address of the mother TCB

MVS workload management - MVSWLM

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

Supplied views

To access from the main menu, click:

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

Table 35. Views in the supplied **MVS workload management** *(MVSWLM) view set*

View	Notes
MVS workload management EYUSTARTMVSWLM.TABULAR	Tabular MVS workload manager information for CICS systems.
MVS workload management EYUSTARTMVSWLM.DETAILED	Detailed MVS workload manager information for a selected CICS system.

Actions

None.

Fields

Table 36. Fields in MVSWLM views

Field	Attribute name	Input values
Velocity goal value	MNGWLMGV	For MVS workload manager service classes that use a velocity goal this value indicates the acceptable amount of delay for the work. This value will be 0 if the service class is not defined with a velocity goal.
Workload name	MNGWLMWN	Identifies the name of the MVS workload management component workload name that has been assigned to the CICS region on the basis of the JES (batch job) or STC (started task) startup subsystem. **Note** - this is different from the CICSPlex SM workload name that the CICS region may be participating in.
Report class	MNGWLMRC	Identifies the name of the MVS workload manager report class that has been assigned to the CICS region on the basis of the JES (batch job) or STC (started task) startup subsystem. If no report class has been assigned, this field will be blank.

Table 36. Fields in MVSWLM views (continued)

Field	Attribute name	Input values
Goal type	MNGWLMGT	The MVS workload manager goal type associated with the current service class. Values are: • Velocity – The MVS workload management component will assign resources to the service class in order to minimize delays. • Discretionary – The MVS workload management component will assign resources to the service class only if they are not required by other non-discretionary goals. This is typically used for low priority work. • System – The service class is one of the MVS workload manager predefined service classes; SYSTEM, SYSSTC, or SYSOTHER. • Notapplic – Unknown or undefined goal type.
Storage critical	MNGWLMSK	Indicates whether or not the CICS region is defined to the MVS workload management component with long-term storage protection. Values are: • Yes – The CICS region is classified in the JES (batch job) or STC (started task) subsystems using a MVS workload manager classification rule that specifies storage critical. • No – The CICS region is not classified in the JES (batch job) or STC (started task) subsystems using a MVS workload manager classification rule that specifies storage critical. Long-term storage protection will be assigned under the JES (batch job) or STC (started task) subsystems as long as the service class has a single period and has a velocity goal or response time goal of over twenty seconds.

Table 36. Fields in MVSWLM views (continued)

Field	Attribute name	Input values
CICS system release identifier	CICSREL	The release identifier of the displayed CICS system.
Goal importance	MNGWLMGI	Indicates the relative importance level defined in the MVS workload manager service class. Values are: • 1 – Highest • 2 – High • 3 – Medium • 4 – Low • 5 – Lowest
Service class	MNGWLMSC	Identifies the name of the MVS workload manager service class that has been assigned to the CICS region on the basis of the JES (batch job) or STC (started task) startup subsystem.
CPU critical	MNGWLMCC	Indicates whether or not the CICS region is defined to the MVS workload management component with long-term CPU protection. Values are: • Yes – The CICS region is defined in the JES (batch job) or STC (started task) subsystems using a MVS workload manager service class that specifies CPU critical. • No – The CICS region is defined in the JES (batch job) or STC (started task) subsystems using a MVS workload manager service class that does not specify CPU critical.

Table 36. Fields in MVSWLM views (continued)

Field	Attribute name	Input values
Goal mode	MNGWLMMD	Indicates whether the MVS workload management component is running in goal mode. Values are: • Yes – The MVS workload management component is running in goal mode. • No – The MVS workload management component is running in compatibility mode. **Note** - compatibility mode is only available on z/OS releases prior to z/OS V1R3.
Resource group	MNGWLMRG	Identifies the name of the MVS workload manager resource group that has been assigned to the CICS region on the basis of the JES (batch job) or STC (started task) startup subsystem. If no resource group has been assigned, this field will be blank.
WLM server	MNGWLMST	Identifies whether or not the MVS workload management component is treating the CICS region as a server. Values are: • Yes – The MVS workload management component is treating the CICS region as a server and processing work based upon CICS subsystem definitions. • No – The MVS workload management component is treating the CICS region as a non-server address space. Work is being processed based upon JES (batch job) or STC (started task) subsystem definitions.

Connection operations views

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

ISC/MRO connections - CONNECT

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

Supplied views

To access from the main menu, click:

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

Table 37. Views in the supplied **ISC/MRO connections** *(CONNECT) view set*

View	Notes
ISC/MRO connections EYUSTARTCONNECT.NORECOVDATA	Force all in-doubt units of work (according to the transaction definitions), target any resyncs that were outstanding for the connection, and erase the logname previously received from the partner system. The state of the connection is reset. **Attention:**You should use NORECOVDATA only in exceptional circumstances. It erases recovery information and may compromise data integrity for units of work that have updated resources on remote systems. Examples of circumstances in which you might need to use it are: • You need to discard a connection, or issue an ENDAFFINITY, and it is not possible for the quiesce protocols with the partner system to be completed. (Neither action is possible for an APPC connection if recovery data is outstanding.) • In operational or logic error results in a logname mismatch for the connection. The connection state must be reset to allow the exchange lognames process to complete.
ISC/MRO connections EYUSTARTCONNECT.TABULAR	Displays tabular information about ISC and MRO connections.
ISC/MRO connections EYUSTARTCONNECT.DISCARD	Discard a connection from the CICS system where it is installed. The connection must be out of service before it can be discarded.
ISC/MRO connections EYUSTARTCONNECT.CANCEL	Cancel automatic initiation descriptor (AID) queuing for a connection.
ISC/MRO connections EYUSTARTCONNECT.RELEASE	Release a connection (APPC only).

Table 37. Views in the supplied **ISC/MRO connections** *(CONNECT) view set (continued)*

View	Notes
ISC/MRO connections EYUSTARTCONNECT.ENDAFFINITY	Specifies, where CICS is a member of a VTAM generic resource group, that VTAM is to end an affinity owned by CICS. This is valid only for APPC and LU6.1 connections. The connection must be out of service and, for APPC, in NORECOVDATA state. • There is no facility in VTAM for inquiring on affinities, so CICS has no certain knowledge that an affinity exists for a given connection. Whenever there is a possibility that an affinity has been created that must be ended explicitly, CICS issues message DFHZC0177. This message gives the NETNAME and NETID of the suspect connection. • If a request to end an affinity is rejected by VTAM because no such affinity exists, CICS issues message DFHZC0181.
ISC/MRO connections EYUSTARTCONNECT.NOTPENDING	Force all in-doubt units of work (according to the transaction definition) that were created by the connection before the initial (or cold) start of the partner. Also forget any resyncs (waitforget UOW-links) that are outstanding for the connection, and created before the initial (or cold) start of the partner. The PENDING condition indicates the existence of recovery information (either shunted UOWs or decisions remembered for the partner) on a connection that has experienced a lognames mismatch with its partner. For a CICS Transaction Server for z/OS partner, a lognames mismatch indicates that the partner has performed an initial start. For a pre-CICS Transaction Server for z/OS partner, a lognames mismatch indicates that the partner has performed a cold start. In either case, the recovery protocol has been corrupted by a loss of log data at the partner. It is not possible to set a connection to NOTPENDING state (forcing in-doubt and erasing NOFORGET UOWs) until this system has made contact with the partner and received a new logname from it. Decisions for a whole connection can be forgotten, but that does not affect the memory of a decision for any other connection involved in the UOW.
ISC/MRO connections EYUSTARTCONNECT.BACKOUT	Back out any units of work that are in-doubt because of a failure of the connection.
ISC/MRO connections EYUSTARTCONNECT.DETAIL2	Displays detailed information about Automatic Initiator Descriptors (AIDs) and bids for a selected ISC/MRO connection.

Table 37. Views in the supplied **ISC/MRO connections** *(CONNECT) view set (continued)*

View	Notes
ISC/MRO connections EYUSTARTCONNECT.DETAILED	Displays detailed information about a selected ISC/MRO connection.
ISC/MRO connections EYUSTARTCONNECT.RESYNC	Retry any UOWs shunted because of the failure of this connection (that is, exchange lognames resynchronization for this connection is to be attempted). This process should normally be started automatically when a connection is acquired or when a UOW is unshunted.
ISC/MRO connections EYUSTARTCONNECT.INSERVICE	Place the system in service; that is, available for use. • For an MRO connection, all sessions are placed in service and the following occurs: – If both the issuing system and the remote system have IRC open, and the remote system has INSERVICE connection definition for the issuing system, the connection is made ACQUIRED. – Otherwise, the status of the connection is set INSERVICE so that the connection is acquired when the above conditions are met. – The status of the underlying sessions for a connection is always the same as that for the connection itself. • For an EXCI connection, all receive sessions (or 'pipes') are placed in service and available for use by the client program. • For an ISC APPC connection, the LU Services Manager sessions are placed in service, thereby enabling the connection subsequently to be acquired. • For an ISC LU6.1 connection, all sessions are placed in service.
ISC/MRO connections EYUSTARTCONNECT.SET	Display the **Set** view in order to change the attributes of a selected ISC/MRO connection.
ISC/MRO connections EYUSTARTCONNECT.PURGE	Purge abnormally the transactions associated with a connection (VTAM only). CICS terminates the transactions associated with this connection only if system and data integrity can be maintained. **Note:** A transaction is not purged if its definition specifies SPURGE=NO.

Table 37. Views in the supplied **ISC/MRO connections** *(CONNECT) view set (continued)*

View	Notes
ISC/MRO connections EYUSTARTCONNECT.OUTSERVICE	Place the connection out of service; that is, not available for use. For a connection, all sessions are placed out of service (immediately if PURGE is specified, or when tasks have terminated if it is not) and the following occurs: • If an APPC connection is currently ACQUIRED and you specify OUTSERVICE, the command fails. You must RELEASE the connection before setting OUTSERVICE. • If any other connection is currently ACQUIRED, the sessions are broken (quiesced). The connection cannot be used until it is once again placed INSERVICE. • If the connection is currently RELEASED, the status of the connection is set to OUTSERVICE and it cannot be used until it is in service again. • The status of the underlying sessions for a connection is always the same as that for the connection itself. • For an EXCI connection, all receive sessions (or 'pipes') are placed out of service and are not available for use by the client program. • For an ISC APPC system, this option is valid only if the connection is RELEASED. The LU Services Manager sessions are placed out of service, and the connection cannot be acquired until it is placed INSERVICE again. • For an ISC LU6.1 connection, all sessions are released and placed out of service: immediately if PURGE or FORCEPURGE is specified; or when tasks have terminated if neither PURGE nor FORCEPURGE is specified. If the response to an INQUIRE CONNECTION command shows OUTSERVICE, it does not imply that the connection has been explicitly set as SET OUTSERVICE; in particular circumstances, you cannot reinstall this connection.
ISC/MRO connections EYUSTARTCONNECT.FORCE	Force transactions associated with a connection to be immediately purged (VTAM only).
ISC/MRO connections EYUSTARTCONNECT.COMMIT	Commit any units of work that are in-doubt because of a failure of the connection.
ISC/MRO connections EYUSTARTCONNECT.DETAIL3	Displays detailed information about function ships for a selected ISC/MRO connection.

Table 37. Views in the supplied **ISC/MRO connections** *(CONNECT) view set (continued)*

View	Notes
ISC/MRO connections EYUSTARTCONNECT.ACQUIRE	Acquire a connection (APPC only).
ISC/MRO connections EYUSTARTCONNECT.DETAIL1	Displays detailed information about session information and allocate requests for a selected ISC/MRO connection.

Actions

Table 38. Actions available for CONNECT views

Action	Description
NORECOVDATA	Force all in-doubt units of work (according to the transaction definitions), target any resyncs that were outstanding for the connection, and erase the logname previously received from the partner system. The state of the connection is reset. **Attention:**You should use NORECOVDATA only in exceptional circumstances. It erases recovery information and may compromise data integrity for units of work that have updated resources on remote systems. Examples of circumstances in which you might need to use it are: • You need to discard a connection, or issue an ENDAFFINITY, and it is not possible for the quiesce protocols with the partner system to be completed. (Neither action is possible for an APPC connection if recovery data is outstanding.) • In operational or logic error results in a logname mismatch for the connection. The connection state must be reset to allow the exchange lognames process to complete.
DISCARD	Discard a connection from the CICS system where it is installed. The connection must be out of service before it can be discarded.
CANCEL	Cancel automatic initiation descriptor (AID) queuing for a connection.
RELEASE	Release a connection (APPC only).

Table 38. Actions available for CONNECT views (continued)

Action	Description
ENDAFFINITY	Specifies, where CICS is a member of a VTAM generic resource group, that VTAM is to end an affinity owned by CICS. This is valid only for APPC and LU6.1 connections. The connection must be out of service and, for APPC, in NORECOVDATA state. • There is no facility in VTAM for inquiring on affinities, so CICS has no certain knowledge that an affinity exists for a given connection. Whenever there is a possibility that an affinity has been created that must be ended explicitly, CICS issues message DFHZC0177. This message gives the NETNAME and NETID of the suspect connection. • If a request to end an affinity is rejected by VTAM because no such affinity exists, CICS issues message DFHZC0181.
NOTPENDING	Force all in-doubt units of work (according to the transaction definition) that were created by the connection before the initial (or cold) start of the partner. Also forget any resyncs (waitforget UOW-links) that are outstanding for the connection, and created before the initial (or cold) start of the partner. The PENDING condition indicates the existence of recovery information (either shunted UOWs or decisions remembered for the partner) on a connection that has experienced a lognames mismatch with its partner. For a CICS Transaction Server for z/OS partner, a lognames mismatch indicates that the partner has performed an initial start. For a pre-CICS Transaction Server for z/OS partner, a lognames mismatch indicates that the partner has performed a cold start. In either case, the recovery protocol has been corrupted by a loss of log data at the partner. It is not possible to set a connection to NOTPENDING state (forcing in-doubt and erasing NOFORGET UOWs) until this system has made contact with the partner and received a new logname from it. Decisions for a whole connection can be forgotten, but that does not affect the memory of a decision for any other connection involved in the UOW.
BACKOUT	Back out any units of work that are in-doubt because of a failure of the connection.

Table 38. Actions available for CONNECT views (continued)

Action	Description
FORCEPURGE	Immediately abnormally terminate all transactions running on sessions on the connected system. This can lead to unpredictable results and should be used only in exceptional circumstances. In some extreme cases (for example, if an error occurs during backout processing), CICS might terminate abnormally. For in-doubt and shunted UOWs, FORCEPURGE has no effect. To force shunted UOWs, you must use the COMMIT, BACKOUT, or FORCE commands on the connection following a FORCEPURGE. This can lead to unpredictable results and should be used only in exceptional circumstances.
FORCECANCEL	Cancel all automatic initiation descriptors (AIDs), including system AIDs, queuing for the specified connection. This can lead to unpredictable results and should be used only in exceptional circumstances. **Note:** This does not remove transient data AIDs with an associated triggered task. These AIDs can be removed by purging the associated task.
RESYNC	Retry any UOWs shunted because of the failure of this connection (that is, exchange lognames resynchronization for this connection is to be attempted). This process should normally be started automatically when a connection is acquired or when a UOW is unshunted.
INSERVICE	Place the system in service; that is, available for use. • For an MRO connection, all sessions are placed in service and the following occurs: – If both the issuing system and the remote system have IRC open, and the remote system has INSERVICE connection definition for the issuing system, the connection is made ACQUIRED. – Otherwise, the status of the connection is set INSERVICE so that the connection is acquired when the above conditions are met. – The status of the underlying sessions for a connection is always the same as that for the connection itself. • For an EXCI connection, all receive sessions (or 'pipes') are placed in service and available for use by the client program. • For an ISC APPC connection, the LU Services Manager sessions are placed in service, thereby enabling the connection subsequently to be acquired. • For an ISC LU6.1 connection, all sessions are placed in service.
SET	Display the **Set** view in order to change the attributes of a selected ISC/MRO connection.

Table 38. Actions available for CONNECT views (continued)

Action	Description
OUTSERVICE	Place the connection out of service; that is, not available for use. For a connection, all sessions are placed out of service (immediately if PURGE is specified, or when tasks have terminated if it is not) and the following occurs: • If an APPC connection is currently ACQUIRED and you specify OUTSERVICE, the command fails. You must RELEASE the connection before setting OUTSERVICE. • If any other connection is currently ACQUIRED, the sessions are broken (quiesced). The connection cannot be used until it is once again placed INSERVICE. • If the connection is currently RELEASED, the status of the connection is set to OUTSERVICE and it cannot be used until it is in service again. • The status of the underlying sessions for a connection is always the same as that for the connection itself. • For an EXCI connection, all receive sessions (or 'pipes') are placed out of service and are not available for use by the client program. • For an ISC APPC system, this option is valid only if the connection is RELEASED. The LU Services Manager sessions are placed out of service, and the connection cannot be acquired until it is placed INSERVICE again. • For an ISC LU6.1 connection, all sessions are released and placed out of service: immediately if PURGE or FORCEPURGE is specified; or when tasks have terminated if neither PURGE nor FORCEPURGE is specified. If the response to an INQUIRE CONNECTION command shows OUTSERVICE, it does not imply that the connection has been explicitly set as SET OUTSERVICE; in particular circumstances, you cannot reinstall this connection.
PURGE	Purge abnormally the transactions associated with a connection (VTAM only). CICS terminates the transactions associated with this connection only if system and data integrity can be maintained. **Note:** A transaction is not purged if its definition specifies SPURGE=NO.
KILL	Terminate the task. System and data integrity is not guaranteed. The KILL option extends the PURGE and FORCEPURGE options. It should be used only after an attempt has been made to PURGE or FORCEPURGE a task. The KILL option does not guarantee integrity of any kind but in some situations it allows the user to free up a stalled region enabling the region to continue processing. In some cases, for example, if a task is killed during back out processing, CICS terminates abnormally.
FORCE	Force transactions associated with a connection to be immediately purged (VTAM only).

Table 38. Actions available for CONNECT views (continued)

Action	Description
COMMIT	Commit any units of work that are in-doubt because of a failure of the connection.
ACQUIRE	Acquire a connection (APPC only).

Fields

Table 39. Fields in CONNECT views

Field	Attribute name	Input values
Connection type	TYPE	The connection type. Values are: LU61, LU62, INDIRECT, MRO, NETBIOS, or TCPIP
Number of File Control function ships	FCFUNCSHIP	The number of file control requests for function shipping.
Number of allocates purged when MAXQTIME exceeded	MAXQTALLCPRG	The number of allocates purged because the queue processing time would have exceeded the maximum queue time value.
Number of bytes received on START channel requests	ESTICCHNRCVD	The number of bytes received on START channel requests
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.
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 Transient Data function ships	TDFUNCSHIP	The number of transient data requests for function shipping.
Bytes received on LINK channel requests	ESTPCCHNRCVD	Number of bytes received on LINK channel requests
Number of Interval Control function ships	ICFUNCSHIP	The number of interval control requests for function shipping.
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.
Connection name in remote system	REMOTENAME	The name by which this connection is known in a remote system.
Number of defined send sessions	SENDCOUNT	For MRO connections, the number of send sessions defined in the SESSIONS definition.

Table 39. Fields in CONNECT views (continued)

Field	Attribute name	Input values
Recovery status	RECOVSTATUS	Indicates whether there is recovery information outstanding for the connection: • NORECOVDATA - The connection was quiesced and neither side of the connection has recovery information outstanding. Data integrity will be maintained if the local CICS system is cold started. • RECOVDATA - The local CICS system has either in-doubt logical units of work or outstanding resynchronizations on the connection. Resynchronization will take place the next time the connection becomes active. Data integrity will not be maintained if the local CICS system is cold started. • NRS - The connection is active and has completed the exchange of lognames. There may be logical units of work in-flight or in resynchronization.
Number of terminal sharing channel requests	ESTTCCHNL	The number of terminal sharing channel requests.
Net name of the owning TOR	REMOTESYSNET	The system ID of the owning TOR
Number of automatic initiator 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 (DPL) requests that have been function shipped across this connection.
Local connection delete time	CONNDELETIME	The local time when the connection was deleted
Bytes sent on LINK channel requests	ESTPCCHNSENT	Number of bytes sent on LINK channel requests
Local connection create time	CONNCREATIME	The local time when the connection was created
GMT connection delete time	GMTDELETIME	The time when the connection was deleted in Greenwich Mean Time (GMT) format
Number of allocates rejected by XZIQUE exit	XZIQREJS	The number of allocates rejected by the XZIQUE exit.

Table 39. Fields in CONNECT views (continued)

Field	Attribute name	Input values
APPC generic resource	GRNAME	For an APPC connection to a generic resource when this system is also a generic resource, this field contains the 8-character generic resource name of the connected LU. Otherwise, the field is blank.
Number of AIDs waiting for a session	NONSPECAIDS	The current number of automatic initiator descriptors (AIDs) that are waiting for a session to become available.
Interval Control FS start requests with channels	ESTICCHNL	Number of Interval Control FS start requests with channels
Number of queued allocate requests	QUEDALLOCATE	The current number of queued allocate requests against this system.
Number of primaries currently in use	PRICURRUSED	The number of primary (contention loser) sessions currently in use
External CICS interface type	CONNTYPE	Indicates whether this connection is: • SPECIFIC - For communication from a non-CICS client program to the CICS system, and is an MRO link with one or more sessions dedicated to a single user in a client program. • GENERIC - For communication from a non-CICS client program to the CICS system, and is an MRO link with a number of sessions to be shared by multiple external CICS interface users. • NOTAPPLIC - Not an external CICS interface connection.
ZCP tracing	ZCPTRACING	Indicates the status of the ZCP trace facility. A value of NOTAPPLIC means this connection is not LU6.1 or APPC. Input Values: ZPTRACE, NOZPTRACE
Number of secondaries currently in use	SECCURRUSED	The number of secondary (contention winner) sessions currently in use.

Table 39. Fields in CONNECT views (continued)

Field	Attribute name	Input values
Member name of connected LU	MEMBERNAME	For an APPC connection to a generic resource when this system is also a generic resource, this field contains the 8-character member name (applid) of the connected LU. Otherwise, the field is blank.
Autoconnect option	AUTOSTATUS	Indicates whether sessions with this connection are to be bound when CICS is initialized or whenever communication with VTAM is started: • ALLCONN - Associated sessions are bound. • AUTOCONN - Associated sessions are bound. • NONAUTOCONN - Associated sessions are not bound.
Peak number of secondaries in use at one time	MAXSECOND	The maximum number of secondary (contention winner) sessions in use at any one time.
Pending status	PENDSTATUS	For connections using the APPC and MRO protocol, indicates whether there are any units of work that require resynchronization after a session failure (PENDING or NOTPENDING).
Number of allocates purged due to MAXQTIME value	MAXQTPURGCNT	The number of times an allocate queue has been purged because its processing time would have exceeded the maximum queue time value.
Number of ATIs satisfied by primary sessions	ATISBPRI	The number of ATI requests satisfied by primary (contention loser) sessions.
Number of queue purges requested by XZIQUE exit	XZIQPRGCNT	The number of allocate queue purges requested by the XZIQUE exit.
Connection protocol	PROTOCOL	For connections with an access method of VTAM, indicates which SNA protocol is in use, either LU61 or APPC. A value of EXCI means this connection uses the External CICS Interface. A value of NOTAPPLIC means this connection is not a VTAM connection.

Table 39. Fields in CONNECT views (continued)

Field	Attribute name	Input values
Name of real link towards TOR	LINKSYSTEM	The 4-character name of the connection that is the real link towards the TOR for a remote or indirect system entry, if it is available. It is not set if some connection definitions in the chain from the remote or indirect entry to the link system are missing.
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 bytes sent on START channel requests	ESTICCHNSENT	The number of bytes sent on START channel requests
Total number of bids sent	BIDSSENT	The total number of bids that were sent.
Maximum queue time	MAXQTIME	The maximum amount of time 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.
Bytes received on terminal sharing channel requests	ESTTCCHNRCVD	Number of bytes received on terminal sharing channel requests
Maximum number of concurrent bids	MAXBIDS	The maximum number of bids in progress at any one time.

Table 39. Fields in CONNECT views (continued)

Field	Attribute name	Input values
Connection status	CONNSTATUS	For connections using either the APPC or MRO protocol, the status of the connection as one of the following: • ACQUIRED - The connection is acquired. • AVAILABLE - The connection is acquired, but there are currently no bound sessions. • FREEING - The connection is being released. • NOTAPPLIC - The connection is not a CICS-to-CICS MRO or an APPC connection. • OBTAINING - The connection is being acquired. • RELEASED - The connection is released. Input Values: ACQUIRED, RELEASED
Exit Tracing status	EXITTRACING	Controls the terminal exit program's tracing activity for the sessions associated with this connection. A value of NOTAPPLIC means this connection is either not an LU6.1 or APPC connection, or it is a remote connection. Input Values: EXITTRACE, NOEXITTRACE
Number of allocates purged by XZIQUE exit	XZIQALLCPRG	The number of allocates purged as a result of the XZIQUE exit requesting that queues be purged.
Program Control FS LINK requests with channels	ESTPCCHNL	Number of program control FS LINK requests with channels
Allocates rejected because QUEUELIMIT reached	EXIT_REJALLC	The total number of allocates rejected due to the QUEUELIMIT value being reached.
Exchange lognames (XLN) status	XLNSTATUS	The status of the exchange lognames (XLN) process. A value of NOTAPPLIC means that the link is released, the link is MRO, LU6.1, or single-session APPC, or the link does not support synchronization level 2 conversations.
Net name	NETNAME	The name by which the remote system is known to the network.
Bytes sent on terminal sharing channel requests	ESTTCCHNSENT	Number of bytes sent on terminal sharing channel requests

Table 39. Fields in CONNECT views (continued)

Field	Attribute name	Input values
Remote connection name	REMOTESYSTEM	The name of the remotely connected system
Number of terminal sharing requests	TERMSHAREREQ	The number of transaction routing commands.
Access method	ACCESSMETHOD	The access method in use for this connection (VTAM, IRC, INDIRECT, XCF, XM, NETBIOS, or TCPIP).
Allocate queue limit (QUEUELIMIT)	ALLOCQLIMIT	The value of the QUEUELIMIT parameter as specified on the CONNECTION definition. If this value is reached, then allocate queue requests are rejected. If the CONNECTION is defined with a QUEUELIMIT of NO, N/A will be displayed.
Number of Temporary Storage function ships	TSFUNCSHIP	The number of temporary storage requests for function shipping.
GMT connection create time	GMTCREATIME	The time when the connection was created in Greenwich Mean Time (GMT) format
Number of defined receive sessions	RECEIVECOUNT	For MRO connections, the number of receive sessions defined in the SESSIONS definition.
Connection ID	NAME	The name of the installed connection.
Number of DL/I function ships	DLIFUNCSHIP	The number of DL/I requests for function shipping.
Network qualified name	NQNAME	The network qualified name if one was sent by VTAM at logon time.
Service status	SERVSTATUS	Indicates whether the system can receive and send data as follows: • INSERVICE - The connection is in service; the system can send and receive data. • OUTSERVICE - The connection is not in service; the system can not send or receive data. • GOINGOUT - An OUTSERVICE request was issued for the connection, but can not be processed until all current work is complete.

IPIC connections - IPCONN

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

Supplied views

To access from the main menu, click:

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

Table 40. Views in the supplied **IPIC connections** *(IPCONN) view set*

View	Notes
IPIC connections EYUSTARTIPCONN.NORECOVDATA	Force all in-doubt units of work, forget any outstanding resynchs, and erase the logname previously received from the partner system.
IPIC connections EYUSTARTIPCONN.TABULAR	Tabular information about IP interconnectivity (IPIC) connections.
IPIC connections EYUSTARTIPCONN.DISCARD	Discard a connection from the CICS system where it is installed. The connection must be out of service before it can be discarded.
IPIC connections EYUSTARTIPCONN.CANCEL	Cancel all automatic initiation descriptors (AIDs) queuing for the IPIC connection.
IPIC connections EYUSTARTIPCONN.DETAILED2	Detailed session information and allocate requests for a selected IP interconnectivity (IPIC) connection.
IPIC connections EYUSTARTIPCONN.RELEASE	Release the IPIC connection.
IPIC connections EYUSTARTIPCONN.NOTPENDING	Force all in-doubt units of work and forget any outstanding resynchs created before the initial (or cold) start of the partner system. This overrides the resynchronization process.
IPIC connections EYUSTARTIPCONN.BACKOUT	Back out all units of work that have been shunted because of the failure of this IPIC connection.
IPIC connections EYUSTARTIPCONN.FORCEPURGE	Force transactions associated with the IP connection purged immediately.
IPIC connections EYUSTARTIPCONN.DETAILED	Detailed information about a selected IP interconnectivity (IPIC) connection.
IPIC connections EYUSTARTIPCONN.FORCECANCEL	Cancel all AIDs, including system AIDs, queuing for the IPIC connection.
IPIC connections EYUSTARTIPCONN.RESYNC	Attempt exchange lognames resynchronization.
IPIC connections EYUSTARTIPCONN.INSERVICE	Place a connection in service.
IPIC connections EYUSTARTIPCONN.SET	Display the **Set** view in order to change the attributes of a selected connection.

Table 40. Views in the supplied **IPIC connections** *(IPCONN) view set (continued)*

View	Notes
IPIC connections EYUSTARTIPCONN.PURGE	Purge normally the transactions associated with the IPIC connection. CICS terminates the transactions associated with this connection only if system and data integrity can be maintained. **Note:** A transaction is not purged if its definition specifies SPURGE=NO.
IPIC connections EYUSTARTIPCONN.OUTSERVICE	Take a connection out of service.
IPIC connections EYUSTARTIPCONN.KILL	Terminate the task allocated to the IPCONN session. System and data integrity is not guaranteed. The KILL option extends the PURGE and FORCEPURGE options. It should be used only after an attempt has been made to PURGE or FORCEPURGE a task. The KILL option does not guarantee integrity of any kind but in some situations it allows you to free up a stalled region, enabling the region to continue processing. In some cases, for example, if a task is killed during backout processing, CICS terminates abnormally.
IPIC connections EYUSTARTIPCONN.FORCE	Force all UOWs shunted because of the failure of this IPIC connection to BACKOUT or COMMIT, as specified on the ACTION option of the TRANSACTION definition.
IPIC connections EYUSTARTIPCONN.COMMIT	Commit all units of work that have been shunted because of the failure of this IP connection.
IPIC connections EYUSTARTIPCONN.ACQUIRE	Acquire a connection
IPIC connections EYUSTARTIPCONN.DETAILED3	Detailed function ship information for a selected IP interconnectivity (IPIC) connection.

Actions

Table 41. Actions available for IPCONN views

Action	Description
DISCARD	Discard a connection from the CICS system where it is installed. The connection must be out of service before it can be discarded.
NORECOVDATA	Force all in-doubt units of work, forget any outstanding resynchs, and erase the logname previously received from the partner system.
CANCEL	Cancel all automatic initiation descriptors (AIDs) queuing for the IPIC connection.
RELEASE	Release the IPIC connection.

Table 41. Actions available for IPCONN views (continued)

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

Fields

Table 42. Fields in IPCONN views

Field	Attribute name	Input values
Number of XISQUE allocates purged	EXITALLCPUR	The number of sessions on this connection that have been purged by the XISQUE exit module.
Number of peak send sessions used	PSENDSESS	The maximum number of send sessions in use on this connection at any one time.

Table 42. Fields in IPCONN views (continued)

Field	Attribute name	Input values
Number of XISQUE allocation queue purges	EXITALLCQPUR	The number of session allocations on this connection that have been purged by the XISQUE exit module.
SSL cipher suite codes	CIPHERS	A value specifying up to 28 cipher suites, in the form of hexadecimal pairs.
Number of transactions attached	TRANSATTCH	The number of transactions that have been attached on this connection.
Port number	PORT	The port number used for outbound requests on this IPIC connection; that is, the number of the port on which the remote system is listening.
Number of send sessions in use	CSENDSESS	The number of send sessions in use on this connection.
Number of queue time allocates purged	MQTALLPURG	The number of session allocations that have been purged on this connection because the queue time value has been exceeded.
Autoconnect option	AUTOCONNECT	Identifies which AUTOCONNECT option has been specified in the IPCONN definition: • NOAUTOCONN – CICS does not try to establish sessions when the IPIC connection is installed. • AUTOCONN – CICS tries to establish sessions when the IPIC connection is installed.
Remote network ID	NETWORKID	The network ID of the remote system. This is the value of the NETWORKID option of the IPCONN definition. If NETWORKID is not specified on the IPCONN definition, the value returned is the VTAM NETID or, for VTAM=NO systems, the value of the UOWNETQL system initialization parameter, of this CICS (that is, the CICS on which the IPCONN definition is installed). NETWORKID is used in combination with the APPLID option to ensure unique naming for connecting systems.

Table 42. Fields in IPCONN views (continued)

Field	Attribute name	Input values
Pending status	PENDSTATUS	Identifies whether there are any pending units of work for this IPIC connection: • NOTPENDING – There has been no mismatch of lognames with the partner. • PENDING – There is resynchronization work outstanding for the IPIC connection but the partner system has performed an initial start, preventing completion of the resynchronization process. You can use the SET IPCONN NOTPENDING command to unilaterally commit or back out the units of work associated with the connection, according to their associated transaction definitions. You can also investigate the units of work individually and force them to commit or back out, in which case you must also complete the recovery activity by using a SET IPCONN NOTPENDING command to clear the PENDING condition. No new syncpoint work (that is, work involving sync level 2 protocols) can be transmitted across the connection until a SET IPCONN NOTPENDING command has been issued. If you are not concerned by the loss of synchronization caused by the initial (or cold) start of the partner, you can cause the SET IPCONN NOTPENDING command to be issued automatically by specifying XLNACTION(FORCE) on the IPCONN definition.

Table 42. Fields in IPCONN views (continued)

Field	Attribute name	Input values
Remote application ID	APPLID	The name by which the remote system is known to the network (taken from the APPLID option of the IPCONN definition). This is the application identifier (*applid*) of the remote system, as specified on the APPLID option of its system initialization table. For XRF systems it is the generic applid.
Number of peak queued session allocations	PEAKQUEUED	The maximum number of session allocations queued on this connection at any one time.

Table 42. Fields in IPCONN views (continued)

Field	Attribute name	Input values
Purge type	PURGETYPE	How associated transactions are purged: • CANCEL – AIDs queuing for the specified IPCONN are canceled. • FORCECANCEL – All AIDs, including system AIDs, queuing for the IPCONN are canceled. **Note:** FORCECANCEL does not remove transient data AIDs with an associated triggered task. You can remove these AIDs by purging the associated task. • FORCEPURGE – All transactions running on sessions on the connected system are immediately terminated abnormally. This can lead to unpredictable results and should be used only in exceptional circumstances. In some extreme cases (for example, if an error occurs during backout processing), CICS might terminate abnormally. For in-doubt and shunted UOWs, FORCEPURGE has no effect. **Note:** To force shunted UOWs, the operator must issue SET IPCONN COMMIT, BACKOUT, or FORCE following a FORCEPURGE. This can lead to unpredictable results and should be used only in exceptional circumstances. • KILL – The task allocated to the IPCONN session is terminated. System and data integrity is not guaranteed. The KILL option extends the PURGE and FORCEPURGE options. It should be used only after an attempt has been made to PURGE or FORCEPURGE a task. The KILL option does not guarantee integrity of any kind but in some situations it allows you to free up a stalled region, enabling the region to continue processing. In some cases, for example, if a task is

Table 42. Fields in IPCONN views (continued)

Field	Attribute name	Input values
Number of allocations failed on link	ALLCFAILLINK	The number of session allocations that have failed on the link for this connection.
Queue limit	QUEUELIMIT	The maximum number of allocate requests that can be queued for this IPIC connection. The value is in the range 0-9999, or will have the standard null value of -1 if QUEUELIMIT(NO) is specified on the IPCONN definition.
GMT connection delete time	GMTDTIME	The time when the connection was deleted in Greenwich Mean Time (GMT) format
Number of allocations failed for other reasons	ALLCFAILOTH	The number of session allocations that have failed on this connection for non-link related reasons.
Link security	LINKAUTH	Specifies how the userid for link security is established in a CICS system with security initialized (SEC=YES). • CERTUSER - TCP/IP communication with the partner system must be configured for SSL and a certificate must be received from the partner system during SSL handshake. For example, the TCPIPSERVICE in the partner CICS system should be defined with SSL(YES) or SSL(CLIENTAUTH) In addition, this received certificate must be defined to the external security manager so that it is associated with a userid. This userid is used to establish link security. • SECUSER - The userid specified in SECURITYNAME is used to establish link security. This is the default value.
Maximum queue time	MAXQTIME	The maximum time, in seconds, for which allocate requests may be queued. The value is in the range 0-9999, or will have the standard null value of -1 if MAXQTIME(NO) is specified on the IPCONN definition.
Number of PC function shipped bytes received	FSPCBYTERECD	The number of Distributed Program Link (DPL) requests that have been received across this connection.

Table 42. Fields in IPCONN views (continued)

Field	Attribute name	Input values
Connection status	CONNSTATUS	The state of the IPIC connection between CICS and the remote system: • ACQUIRED – The IPIC connection is acquired. The criterion for ACQUIRED is that the capabilities exchange is complete. (The capabilities exchange is how two connected CICS regions discover the levels of service that they can collectively support; for example, the syncpoint level, and security protocols such as SSL.) • FREEING – The IPIC connection is being released. • OBTAINING – The IPIC connection is being acquired. The connection remains in the OBTAINING state until all the criteria for ACQUIRED have been met. • RELEASED – The IPIC connection is RELEASED. Although it may also be in INSERVICE status, it is not usable.
Certificate	CERTIFICATE	The name of a certificate within the key ring file that is to be used as a client certificate in the SSL handshake for outbound IPCONN connections.
Number of PC function shipped bytes sent	FSPCBYTESENT	The number of Distributed Program Link (DPL) requests that have been function shipped across this connection.
Number of peak send sessions used	PRECVSESS	The maximum number of receive sessions in use on this connection at any one time.

Table 42. Fields in IPCONN views (continued)

Field	Attribute name	Input values
Attach-time user security level	USERAUTH	The level of attach-time user security required for the connection: • DEFAULTUSER - CICS will not accept a user ID and password from the partner system. All requests run under the default userid. • LOCAL - CICS will not accept a user ID and password from the partner system. All requests will run under the user ID determined for link security. • VERIFY - Incoming attach requests must specify a user identifier and a user password. • IDENTIFY - Incoming attach requests must specify a user identifier.
Number of queue limit allocate rejections	QLIMALLOCREJ	The number of session allocations that have failed on this connection because the queue limit value has been reached.
Number of receive sessions in use	CRECVSESS	The number of receive sessions in use on this connection.
Send count	SENDCOUNT	The number of SEND sessions defined for this IPIC connection. If a value of 0 is shown, then this IPIC connection may only receive data.

Table 42. Fields in IPCONN views (continued)

Field	Attribute name	Input values
Recovery status	RECOVSTATUS	Identifies whether there is resynchronization work outstanding for the IPIC connection. The connection may never have been connected, have been quiesced and all resynchronization work completed, or disrupted without quiescence, in which case resynchronization may be necessary. • NORECOVDATA – Neither side has recovery information outstanding. • NRS – CICS does not have recovery outstanding for the connection, but the partner may have. • RECOVDATA – There are in-doubt units of work associated with the IPIC connection, or there are outstanding resynchronization tasks awaiting FORGET on the connection. Resynchronization takes place when the connection next becomes active, or when the UOW is unshunted.
Security name of the remote system	SECURITYNAME	This is the security name of the remote system, and is applicable to PROTOCOL(IPIC) only. In a CICS system with security initialized (SEC=YES), the security name is used to establish the authority of the remote system. The security name must be a valid RACF userid on your system. The default value for the security name is the default userid.
Number of SSL cipher suite codes	NUMCIPHERS	The count of cipher suite codes, which are specified as hexadecimal pairs.
Number of PC function shipped requests	FSPGREQS	The number of PC function shipped requests on this connection.
Local connection delete time	LOCDTIME	The local time when the connection was deleted.
Current number of allocates queued	CURRQUEUED	The number of session allocations currently queued on this connection.

Table 42. Fields in IPCONN views (continued)

Field	Attribute name	Input values
TCP/IP service	TCPIPSERVICE	The 8-character name of a PROTOCOL(IPIC) TCPIPSERVICE definition that defines the attributes of the inbound processing for this IPCONN.
Receive count	RECEIVECOUNT	The number of RECEIVE sessions defined for this IPIC connection.
Local connection create time	LOCCTIME	The local time when the connection was created.
Secure sockets layer (SSL) type	SSLTYPE	Whether the service uses secure sockets layer. • NOSSL - The service does not use secure sockets layer. • SSL - Secure sockets layer is used by this service except for client authentication.
IPIC connection ID	NAME	The 8-character identifier of the remote system or region (that is, the name assigned to its IPCONN definition).

Table 42. Fields in IPCONN views (continued)

Field	Attribute name	Input values
UOW Action	UOWACTION	The action taken for units of work (UOWs) that are shunted because of the failure of this IPIC connection: • BACKOUT – All UOWs shunted because of the failure of this IPIC connection are backed out. • COMMIT – All UOWs shunted because of the failure of this IPIC connection are committed. • FORCEUOW – All UOWs shunted because of the failure of this IPIC connection are forced to BACKOUT or COMMIT, as specified on the ACTION option of the TRANSACTION definition. • RESYNC – Any UOWs shunted because of the failure of this IPIC connection are retried (that is, exchange lognames resynchronization for this connection is attempted). This process should normally be started automatically when a connection is acquired or when a UOW is unshunted.
Number of queue time allocation queue purges	MQTALLQPURG	The number of session allocations that have failed on this connection because the queue time value has been exceeded.
Total number of session allocations	TOTALLOC	The total number of sessions that have been used on this connection.
Remote host name	HOST	The host name of the remote system (for example, abc.example.com), or its dotted decimal IP address (for example, 9.20.181.3).
GMT connection create time	GMTCTIME	The time when the connection was created in Greenwich Mean Time (GMT) format.
Number of XISQUE allocate rejections	EXITALLCREJ	The number of session allocations on this connection that have been rejected by the XISQUE exit module.

Table 42. Fields in IPCONN views (continued)

Field	Attribute name	Input values
Service status	SERVSTATUS	Identifies whether data can be sent and received on the IPIC connection: • INSERVICE – Data can be sent and received. • OUTSERVICE – Data cannot be sent or received.

LU 6.2 mode names - MODENAME

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

Supplied views

To access from the main menu, click:

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

Table 43. Views in the supplied **LU6.2 mode names** *(MODENAME) view set*

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

Actions

Table 44. Actions available for MODENAME views

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

Fields

Table 45. Fields in MODENAME views

Field	Attribute name	Input values
Connection status	CONNSTATUS	The status of the connection. Valid values are: RELEASED, CLOSED, ACQUIRED, FREEING, AVAILABLE, OBTAINING.
Connection name	CONNECTION	The name of the connection that this group of sessions is associated with.
Number of sessions available	SESSAVAIL	The current number of sessions in the group (the number bound).
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 the mode name associated with the group of sessions.
Autoconnect status	AUTOCONN	Indicates whether sessions are to be bound automatically whenever CICS starts communication with VTAM: • ALLCONN: CICS tries to bind both contention-winner and contention-loser sessions. • AUTOCONN: CICS tries to bind only sessions for which it is contention winner. • NONAUTOCONN: CICS does not try to bind any sessions.

Partners - PARTNER

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

Supplied views

To access from the main menu, click:

CICS operations views > Connection operations views > Partners

Table 46. Views in the supplied **Partners** *(PARTNER) view set*

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

Actions

Table 47. Actions available for PARTNER views

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

Fields

Table 48. Fields in PARTNER views

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

Profiles - PROFILE

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

Supplied views

To access from the main menu, click:

CICS operations views > Connection operations views > Profiles

Table 49. Views in the supplied **Profiles** *(PROFILE) view set*

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

Actions

Table 50. Actions available for PROFILE views

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

Fields

Table 51. Fields in PROFILE views

Field	Attribute name	Input values
Profiles	PROFILE	The name of the profile.

TCP/IP services - TCPIPS

Name of the TCP/IP service.

Supplied views

To access from the main menu, click:

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

Table 52. Views in the supplied **TCP/IP services** *(TCPIPS) view set*

View	Notes
TCP/IP services EYUSTARTTCPIPS.DISCARD	Discard a TCP/IP service definition from the CICS system where it is installed.
TCP/IP services EYUSTARTTCPIPS.CLOSE	Close a TCP/IP service. When this action command is used, a managed CICS system no longer accepts input from this TCP/IP service definition. Output operations from transactions in a managed CICS system that use this TCP/IP service definition are allowed to complete.
TCP/IP services EYUSTARTTCPIPS.TABULAR	Tabular information about currently installed TCP/IP service definitions.
TCP/IP services EYUSTARTTCPIPS.DETAILED	Detailed information about a selected TCP/IP service definition.

Table 52. Views in the supplied **TCP/IP services** *(TCPIPS) view set (continued)*

View	Notes
TCP/IP service EYUSTARTTCPIPS.SET	Set attributes according new values specified in input fields.
TCP/IP service EYUSTARTTCPIPS.OPEN	Open a TCP/IP service. When this action command is used, a managed CICS system will accept input from this TCP/IP service definition.
TCP/IP service EYUSTARTTCPIPS.IMMCLOSE	Requests a TCP/IP service definition to be closed immediately. When this action command is used, a managed CICS system no longer accepts input from this TCP/IP service definition. If a managed CICS system has transactions that are using the TCP/IP service definition, when this action command is used these transactions may be abnormally terminated.
TCP/IP service EYUSTARTTCPIPS.DETAIL1	Detailed SSL cipher suite code information for a selected TCP/IP service definition.

Actions

Table 53. Actions available for TCPIPS views

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

Fields

Table 54. Fields in TCPIPS views

Field	Attribute name	Input values
Number of sends across all sockets	SENDS	The total number of sends made across all sockets in this TCP/IP Service.
Number of connections	CONNECTIONS	The current number of socket connections associated with this service.
Number of bytes sent across all sockets	BYTESENT	The total number of bytes sent across all sockets in this TCP/IP Service.
SSL cipher suite codes	CIPHERS	A value specifying up to 28 cipher suites, in the form of hexadecimal pairs.
	IPADDRESS	The IP address used for this TCP/IP service.
Attach-time security	ATTACHSEC	Indicates, for ECI over TCP/IP services, the level of attach-time security used by connections to CICS Clients: • LOCAL - CICS does not require a userid or password from clients. • VERIFY - Incoming attach requests must specify a user identifier and a user password.
	PORT	The port number on which the managed CICS system is listening for incoming client requests.
Privacy for clients using this service	PRIVACY	Indicates the level of SSL encryption required for inbound connections to this service. • REQUIRED - Encryption must be used. • SUPPORTED - Encryption is used if both client and server support it. • NOTSUPPORTED - Encryption must not be used.

Table 54. Fields in TCPIPS views (continued)

Field	Attribute name	Input values
Critical domain name service (DNS) group member	GRPCRITICAL	Whether or not this TCP/IP service is a critical member of the DNS group: • CRITICAL - If this TCPIPSERVICE is closed, or abnormally stops listening for any reason, the group name specified in the DNSGROUP attribute is deregistered from WLM. • NONCRITICAL - If this TCPIPSERVICE is closed, or abnormally stops listening for any reason, the group name specified in the DNSGROUP attribute is not deregistered from WLM, unless this is the last service in a set with the same group name.
	BACKLOG	The maximum number of requests which can be queued in TCP/IP waiting to be processed. Input Values: 0 - 32767.
Number of receives across all sockets	RECEIVES	The total number of receives made across all sockets in this TCP/IP Service.
	SOCKETCLOSE	The action taken by the managed CICS system if no data is received from the socket. • WAIT - The managed CICS system waits and does not close the socket if no data is received. • TIMEOUT - The managed CICS system will close the socket if no data has been received after the period specified in the close timeout parameter.
Basic authentication realm name	REALM	The realm that is provided when CICS requests basic authentication.
	PROTOCOL	The name of the protocol being used by this TCP/IP resource: • ECI - ECI over TCP/IP protocol. • HTTP - Hypertext Transfer protocol. • IIOP - Internet Inter-orb protocol. • IPIC - IP Interconnectivity protocol. • USER - User-defined protocol.

Table 54. Fields in TCPIPS views (continued)

Field	Attribute name	Input values
	TSQPREFIX	This parameter is no longer required or used in CICS Transaction Server for z/OS, Version 3 Release 2 and later releases.
Timeout for socket close (seconds)	CLOSETIMEOUT	The period in seconds after which the managed CICS system will close the socket if no data is received. This value applies when the socket close parameter is TIMEOUT.
Certificate	CERTIFICATE	The name of a certificate within the key ring file that is to be used in the SSL handshake for this TCP/IP service.
	TIMEOPEN	The local time at which this TCP/IP service was opened.
Maximum length of data that may be received	MAXDATALEN	The maximum length of data that may be received on this TCP/IP service.
GMT service open time	GMTSERVOPN	The Greenwich mean time at which this TCP/IP service was opened.
Number of transactions attached	TRANATTACH	The total number of transactions attached via this TCP/IP Service.
Peak number of connections	PEAKCONNS	The peak number of socket connections in use across this TCP/IP Service.
Number of SSL cipher suite codes	NUMCIPHERS	The count of cipher suite codes, which are specified as hexadecimal pairs.
User-replaceable module name	URM	The name of the user-replaceable module to be invoked by this service.
Number of bytes received across all sockets	BYTERCVD	The total number of bytes received across all sockets in this TCP/IP Service.
CICS transaction ID	TRANSID	The identifier of the transaction which is attached to process requests received for this service.
Domain name service (DNS) group	DNSGROUP	The DNS Group Name.

Table 54. Fields in TCPIPS views (continued)

Field	Attribute name	Input values
Secure sockets layer (SSL) type	SSLTYPE	Whether the service uses secure sockets layer. • NOSSL - The service does not use secure sockets layer. • SSL - Secure sockets layer is used by this service except for client authentication. • CLIENTAUTH - Secure sockets layer is used by this service including client authentication.
TCP/IP service name	NAME	Name of the TCP/IP service.
TCP/IP service status	OPENSTATUS	The state of the TCP/IP service definition as follows: • OPEN - Input is accepted from this TCP/IP service definition. • OPENING - Input is not accepted from this TCP/IP service definition. The service is in the process of OPENING. • CLOSED - Input is not accepted from this TCP/IP service definition. • IMMCLOSE - Input is not accepted from this TCP/IP service definition. If a managed CICS system has transactions that are using the TCP/IP service definition, these transactions might be abnormally terminated. • MMCLOSING - Input is not accepted from this TCP/IP service definition. CICS internal sockets support is in the process of immediate termination.
	AUTHENTICATE	The level of authentication used by this TCP/IP resource.

Table 54. Fields in TCPIPS views (continued)

Field	Attribute name	Input values
Domain name service (DNS) status	DNSSTATUS	The current state of WLM/DNS registration for this TCP/IP service: • NOTAPPLIC - This service is not using DNS connection optimization. No DNSGROUP attribute was specified when the resource was installed. • UNAVAILABLE - Registration is not supported by OS/390 • UNREGISTERED - Registration has not yet occurred (this is the initial state of any service). • REGISTERED - Registration has completed successfully. • REGERROR - Registration has failed with an error. • DEREGISTERED - Deregistration has completed successfully. • DEREGERROR - Deregistration has failed with an error.

IP facilities - IPFACIL

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

Supplied views

To access from the main menu, click:

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

Table 55. Views in the supplied **IP facilities** *(IPFACIL) view set*

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

Actions

None.

Fields

Table 56. Fields in IPFACIL views

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

DB2, DBCTL and WebSphere MQ operations views

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

Connections - DB2CONN

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

Supplied views

To access from the main menu, click:

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

Table 57. Views in the supplied **DB2 connections** *(DB2CONN) view set*

View	Notes
DB2 connections EYUSTARTDB2CONN.DISCONNECT	Cause disconnection of the CICS/DB2 attachment facility from the DB2 subsystem.
DB2 connections EYUSTARTDB2CONN.DISCARD	Discard a DB2 connection from the CICS system where it is installed.
DB2 connections EYUSTARTDB2CONN.TABULAR	Tabular information about DB2 connections.
DB2 connections EYUSTARTDB2CONN.REBUILD	Force all existing threads to resignon at the next thread reuse.

Table 57. Views in the supplied **DB2 connections** *(DB2CONN) view set (continued)*

View	Notes
DB2 connections EYUSTARTDB2CONN.DETAILED	Detailed information about a selected DB2 connection.
DB2 connections EYUSTARTDB2CONN.SET	Display the Set view in order to change the attributes of a selected DB2 connection.
DB2 connections EYUSTARTDB2CONN.FORCE	Force DB2 connections to be immediately purged.
DB2 connections EYUSTARTDB2CONN.CONNECT	Cause a connection to be established between the CICS/DB2 attachment facility and the DB2 subsystem.
DB2 connections EYUSTARTDB2CONN.DETAIL1	Detailed connection statistics information about a selected DB2 connection.

Actions

Table 58. Actions available for DB2CONN views

Action	Description
DISCONNECT	Cause disconnection of the CICS/DB2 attachment facility from the DB2 subsystem.
DISCARD	Discard a DB2 connection from the CICS system where it is installed.
REBUILD	Force all existing threads to resignon at the next thread reuse.
SET	Display the Set view in order to change the attributes of a selected DB2 connection.
FORCE	Force DB2 connections to be immediately purged.
CONNECT	Cause a connection to be established between the CICS/DB2 attachment facility and the DB2 subsystem.

Fields

Table 59. Fields in DB2CONN views

Field	Attribute name	Input values
Current number of subtask TCBs	TCBS	This field indicates the current number of TCBs used by the CICS-DB2 attachment facility.
Total number of tasks that used a pool thread	PXTOTAL	This field indicates the total number of completed tasks that have used a pool thread.
Number of pool thread waits	PTWAIT	This field indicates the number of times all available threads in the pool were busy and a transaction had to wait for a thread to become available.

Table 59. Fields in DB2CONN views (continued)

Field	Attribute name	Input values
Number of pool thread aborts	PABORTS	This field indicates the number of units of work using pool threads that were rolled back.
Unsolicited error message TDQ name 1	MSGQUEUE1	This field indicates the name of the first transient data queue to which unsolicited messages from the CICS DB2 attachment facility are sent. This first transient data queue name cannot be blank.
Maximum number of subtask TCBs	TCBLIMIT	This field indicates the maximum number of TCBs that can be used to process DB2 requests.
Local connect time	CTIMELOC	This indicates the last connection time - with respect to local time - at which this connection definition was connected.
Current number of tasks waiting for a subtask TCB	TCBRDYQCURR	This field indicates the current number of CICS tasks queued waiting for a DB2 subtask TCB to become available.
Maximum number of command threads	CTLIMIT	This field indicates the current maximum number of command threads the CICS DB2 attachment allows to be active before requests overflow into the pool.
Unsolicited error message TDQ name 2	MSGQUEUE2	This field indicates the name of the second transient data queue to which unsolicited messages from the CICS DB2 attachment facility are sent.
Number of times threads terminated	PTTERM	This field indicates the number of terminate thread requests made to DB2 for pool threads.
Peak number of tasks using a pool thread	PXHWM	This field indicates the peak number of active pool threads.

Table 59. Fields in DB2CONN views (continued)

Field	Attribute name	Input values
Authorization ID used by CICS-DB2 attach	SIGNID	This field defines the authorization ID to be used by the CICS DB2 attachment facility when signing on to DB2 for pool and DB2ENTRY threads that specify AUTHTYPE(SIGN) and command threads specifying COMAUTHTYPE(CSIGN). The default is blanks which are replaced by the applid of the CICS system when the DB2CONN is installed. **Note:** If you specify a user ID on the SIGNID attribute, CICS performs a surrogate user check against the user ID performing the installation. Similarly, the CICS region user ID is subject to a surrogate user check during group list installation on CICS cold or initial start.
Current number of active pool threads	PTCURR	This field indicates the current number of protected threads for this DB2 entry.
Peak number of active pool threads	PTHWM	This field indicates the peak number of CICS tasks that have used a pool thread.
Standby mode action	STANDBYMODE	This field indicates action to be taken by the CICS DB2 attachment if DB2 is not active when an attempt to start a connection is made. • NOCONNECT - The CICS DB2 attachment terminates. • CONNECT - The CICS DB2 attachment goes into 'standby mode' and waits for DB2. • RECONNECT - The CICS DB2 attachment goes into 'standby mode' and waits for DB2. Having connected to DB2, if DB2 then fails the CICS DB2 attachment reverts to standby mode again and later reconnects to DB2 when it comes up again.
Unsolicited error message TDQ name 3	MSGQUEUE3	This field indicates the name of the third transient data queue to which unsolicited messages from the CICS DB2 attachment facility are sent.
Peak number of command threads	CTHWM	This field indicates the peak number of active command threads.

Table 59. Fields in DB2CONN views (continued)

Field	Attribute name	Input values
Connection error processing option	CONNECTERROR	This specifies the way that the information, that CICS is not connected to DB2 because the attachment facility is in 'standby mode', is reported back to an application that has issued an SQL request: • ABEND - The application abends with abend code AEY9. • SQLCODE - The application receives a -923 sqlcode. SQLCODE cannot be specified if STANDBYMODE is set to NOCONNECT.
Pool thread authorization type	AUTHTYPE	This indicates the type of user identifier to be used for security checking when using pool threads. If Pool thread authorization type is specified, authorization ID is set to blanks. • GROUP - Eight character USERID and the connected group name are used as the authid • SIGN - The SIGNID parameter of db2conn is used as the authid • TERM - The terminal identification is used as the authid • TX - The transaction identification is used as the authid • OPID - The user operator identification is used as the authid • USERID - The eight character user ID associated with the CICS transaction is used as the authid
Number of command thread terminations	CTTERM	This field indicates the number of terminate thread requests made to DB2 for command threads.
Maximum number of command threads	COMTHREADLIM	The current maximum number of command threads the CICS DB2 attachment facility allows active before requests overflow to the pool.
Number of pool thread signons	PSIGNONS	This field indicates the number of DB2 signons performed for pool threads.

Table 59. Fields in DB2CONN views (continued)

Field	Attribute name	Input values
Command thread authorization type	COMAUTHTYPE	This indicates the type of user identifier to be used for security checking when using command threads. If COMAUTHTYPE is specified then COMAUTHID is set to blanks. • CGROUP - Eight character user ID and the connected group name are used as the authorization ID. • CSIGN - The SIGNID parameter of DB2 connection is used as the authorization ID. • CTERM - The terminal identification is used as the authorization ID. • CTX - The transaction identification is used as the authorization ID. • COPID - The user operator identification is used as the authorization ID. • CUSERID - The eight character user ID associated with the CICS transaction is used as the authorization ID.
Maximum number of pool threads	THREADLIMIT	This field indicates the current maximum number of pool threads that the CICS DB2 attachment facility allows to be active before requests are made to wait or are rejected (subject to the THREADWAIT attribute). The default THREADLIMIT (3) is also the minimum you can specify. The maximum value must not be greater than the value specified for TCBLIMIT.
Number of times transactions reused pool threads	PTREUSE	This field indicates the number of times CICS transactions using the pool were able to reuse an already created DB2 thread.
DB2 subsystem ID	DB2ID	This indicates the name of the DB2 subsystem to which CICS is connected or connecting. DB2 ID can only be changed when the CICS-DB2 Attachment Facility is not active. If you are using group attach and the CICS DB2 attachment is not connected and is not in the process of connecting, this field is blank.
Number of active pool threads	THREADS	This field indicates the current number of pool threads.

Table 59. Fields in DB2CONN views (continued)

Field	Attribute name	Input values
GMT disconnect time	DTIMEGMT	This indicates the last disconnection time - with respect to GMT - at which this connection definition was disconnected.
GMT connect time	CTIMEGMT	This indicates the last connection time - with respect to GMT - at which this connection definition was connected.
Pool thread authorization ID	AUTHID	This defines the user identifier to be used for security checking when using pool threads. If Pool thread authorization ID is specified then Pool thread authorization type is not applicable.
Command thread authorization ID	COMAUTHID	This defines the user identifier to be used for security checking when using command threads. If COMAUTHID is specified then COMAUTHTYPE is set to not applicable.
Current maximum number of subtask TCBs	TLIMIT	This field indicates the maximum number of TCB subtasks that can be used by the CICS-DB2 attachment Facility.
Number of command thread overflows to pool	CTOVERF	This field indicates the number of times a DSNC DB2 command resulted in a pool thread being used because the number of active command threads exceeded the command thread limit.
Current number of tasks using a pool thread	PXCURR	This field indicates the current number of CICS tasks that are using a pool thread.
Connection status	CONNECTST	This indicates the status of the CICS DB2 connection: • CONNECTED - CICS is connected to DB2. • NOTCONNECTED - CICS is not connected to DB2. • CONNECTING - CICS is currently attempting to connect to DB2. • DISCONNING - CICS is currently disconnecting from DB2.
Name of dynamic plan exit used for pool threads	PLANEXITNAME	This indicates the name of the dynamic plan exit used for pool threads. If a planexit name is specified then the PLAN field is set to blank.

Table 59. Fields in DB2CONN views (continued)

Field	Attribute name	Input values
Subtask priority	PRIORITY	This field indicates the priority of the pool thread subtasks relative to the CICS main task. • HIGH - The subtask attains a higher priority than the CICS (QR TCB) • EQUAL - The subtask has an equal priority to the CICS (QR TCB) • LOW - The subtask has a lower priority to the CICS (QR TCB)
Peak number of tasks waiting for pool thread	PRQHWM	This field indicates the peak number of CICS tasks that waited for a pool thread to become available.
Protected thread purge cycle (minutes)	PURGECYCLEM	This field defines the length in minutes of the protected thread purge cycle. The range is 0 - 59. A protected thread is not terminated immediately when it is released. It is terminated only after two completed purge cycles, if it has not been reused in the meantime. Hence if the purge cycle is set to 30 seconds after it is released, a protected thread is purged 30 - 60 seconds after it is released. An unprotected thread is terminated when it is released (at sync point or end of task) if there are no other transactions waiting for a thread on that DB2ENTRY.
Number of calls using pool threads	PCALLS	This field indicates the number of SQL calls made using pool threads.
Number of pool thread commits	PCOMMITS	This field indicates the number of two phase commits performed for units of work using pool threads.
Current number of free subtask TCBs	TCBFREE	This field indicates the current number of subtask TCBs without a DB2 thread.
Local disconnect time	DTIMELOC	This indicates the last disconnection time - with respect to local time - at which this connection definition was disconnected.
Maximum number of pool threads	PTLIMIT	This field indicates the current maximum number of pool threads allowed.

Table 59. Fields in DB2CONN views (continued)

Field	Attribute name	Input values
Thread wait option	THREADWAIT	This field specifies whether transactions should wait for a pool thread, or be abended if the number of active pool threads reaches the thread limit. The CICS DB2 attachment issues a unique abend code AD3T, message DFHDB2011, when THREADWAIT=NO is coded and the number of pool threads is exceeded: • TWAIT - If all threads are busy a transaction must wait until one becomes available. A transaction can wait as long as CICS allows it to wait, generally until a thread becomes available. • NOTWAIT - If all threads are busy, the transaction is terminated with abend code AD3T.
Protected thread purge cycle (seconds)	PURGECYCLES	This field defines the length in seconds of the protected thread purge cycle. The range is 30 - 59. See PURGECYCLEM for more information.
Current number of command threads	CTCURR	This field indicates the current number of command threads for this DB2 entry.
Peak number of subtask TCBs	THWM	This field indicates the peak number of active threads for this DB2 entry
DB2 data sharing group ID	DB2GROUPID	This indicates the name of the DB2 data sharing group, or subgroup to which CICS is connected or connecting. This can only be changed when the CICS-DB2 Attachment Facility is not active.

Table 59. Fields in DB2CONN views (continued)

Field	Attribute name	Input values
Accounting record option	ACCOUNTREC	This defines whether the CICS DB2 attachment produces a DB2 accounting record per unit of work (UOW), transid, transaction or not at all for transactions using pool threads. • NONE - No accounting records to be cut. • TXID - The CICS attachment facility cuts an accounting record only when the transid using the thread changes. • TASK - The CICS attachment facility cuts a minimum of one accounting record per task. • UOW - The CICS attachment facility cuts an accounting record per unit of work (UOW) provided the thread has been released at sync point.
Deadlock resolution rollback option	DROLLBACK	This field indicates whether the CICS DB2 attachment initiates a sync point rollback in the event of transaction being selected as a victim of a deadlock resolution. • ROLLBACK - The attachment facility issues a sync point rollback before returning control to the application. An SQL code of -911 is returned to the application indicating the current uow has been rolled back. • NOROLLBACK - The attachment facility does NOT initiate a rollback for a transaction. An SQL code of -913 is returned to the application indicating an unsuccessful execution caused by deadlock or timeout.
Number of command thread signons	CSIGNONS	This field indicates the number of DB2 signons performed for command threads.
Current number of tasks waiting for pool thread	PRQCUR	This field indicates the current number of CICS tasks waiting for a pool thread to become available.

Table 59. Fields in DB2CONN views (continued)

Field	Attribute name	Input values
Resynchronization member	RESYNCMEMBER	This applies only if you are using group attach, and specifies the strategy that CICS adopts if outstanding units of work are being held for the last DB2 data sharing group member to which CICS was connected. • RESYNC - CICS connects to the same DB2 data sharing group member. • NORESYNC - CICS makes one attempt to connect to the same DB2 data sharing group member, and if that attempt fails, CICS connects to any member of the DB2 data sharing group and issues a warning about the outstanding units of work.
Non-terminal transaction thread-release option	NONTERMREL	This indicates whether a non-terminal transaction releases threads for reuse at intermediate sync points: • RELEASE - Non-terminal transactions release threads for reuse at intermediate sync points. • NORELEASE - Non-terminal transactions do not release threads for reuse at intermediate sync points.
Name of plan used for pool	PLAN	This indicates the name of the plan to be used for the pool. If a plan name is specified then the PLANEXITNAME field is set to blank.
Number of units of work with single phase commit	PSPHASE	This field indicates the number of units of work using pool threads that used single phase commit, either because they were read-only UOWs, or because DB2 was the only recoverable resource updated in the UOW.
Attachment statistics TDQ name	STATSQUEUE	This indicates the name of the transient data queue to which statistics is sent when the CICS DB2 attachment is shut down.
Peak number of tasks waiting for a subtask TCB	TCBRDYQHWM	This field indicates the peak number of CICS tasks queued waiting for a DB2 subtask TCB to become available.
Number of active command threads	COMTHREADS	This indicates the current number of active command threads.

Table 59. Fields in DB2CONN views (continued)

Field	Attribute name	Input values
DB2 version and release	DB2RELEASE	This indicates the version and release level of the DB2 subsystem to which CICS is connected. When CICS is not connected this field is set to blanks.
Number of calls using command threads	CCALLS	This field indicates the number of DB2 commands issued using the DSNC transaction.
DB2 connection name	NAME	The name of the DB2 connection definition.
Action following thread error	THREADERROR	This indicates the processing that is to occur following a create thread error: • ABEND - When the first SQL error is detected, CICS takes a transaction dump for abend code AD2S, AD2T, or AD2U, depending on the type of error. For the first error, the transaction does not abend. For a second or subsequent SQL error, the transaction abends with abend code AD2S, AD2T, or AD2U. The transaction must be terminated and reinitialized before it is allowed to issue another SQL request. • N906 - The DSNCSQL RMI associated with the transaction is not to be disabled. The transaction receives a -906 SQLCODE if another SQL request is issued, unless the transaction issues a SYNCPOINT ROLLBACK. SYNCPOINT without the ROLLBACK option results in a ASP3 or ASP7 abend. • N906D - A transaction dump is to be taken and the DSNCSQL RMI associated with the transaction is not to be disabled. The transaction receives -906 SQLCODE if another SQL is issued, unless the transaction issues SYNCPOINT ROLLBACK. SYNCPOINT without the ROLLBACK option results in an ASP3 or ASP7 abend. The transaction dump records an abend of AD2S, AD2T, or AD2U.

Table 59. Fields in DB2CONN views (continued)

Field	Attribute name	Input values
Current number of subtask TCBs	TCURR	This field indicates the current number of active threads for this DB2 entry.

Entries - DB2ENTRY

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

Supplied views

To access from the main menu, click:

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

Table 60. Views in the supplied **DB2 entries** *(DB2ENTRY) view set*

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

Actions

Table 61. Actions available for DB2ENTRY views

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

Fields

Table 62. Fields in DB2ENTRY views

Field	Attribute name	Input values
Number of protected threads	PTHREADS	This field indicates the current number of protected threads.
Dynamic plan exit name	PLANEXITNAME	This indicates the name of the dynamic plan exit used for this entry. If a Dynamic plan exit name is specified then the Plan name field is set to blank.
Number of commits	COMMITS	This field indicates the number of two phase commits performed for units of work using this DB2 entry.
Subtask priority	PRIORITY	This field indicates the priority of the pool thread subtasks relative to the CICS main task. • HIGH - The subtask will attain a higher priority than the CICS (QR TCB) task from which this subtask is generated. • EQUAL - The subtask will have an equal priority to the CICS (QR TCB) task from which this subtask is generated. • LOW - The subtask will have a lower priority to the CICS (QR TCB) task from which this subtask is generated.
Current number of tasks waiting for thread	RQCUR	This field indicates the current number of CICS tasks waiting for a thread to become available on this DB2 entry.
Peak number of tasks	XHWM	This field indicates the peak number of CICS tasks that have used this DB2 entry.
Number of thread waits or overflows	TWORO	This field indicates the number of times all available threads in the DB2 entry were busy and a transaction had to wait for a thread to become available, or overflow to the pool and use a pool thread instead.
Total number of tasks	XTOTAL	This field indicates the total number of completed tasks that have used this DB2 entry.
Number of calls	CALLS	This field indicates the number of SQL calls made using this DB2 entry.

Table 62. Fields in DB2ENTRY views (continued)

Field	Attribute name	Input values
Thread wait option	THREADWAIT	This field indicates whether or not transactions should wait for a pool thread or be abended if the number of active pool threads reaches the threadlimit number. • TWAIT - If all threads are busy, a transaction will wait until one becomes available. • NOTWAIT - If all threads are busy, a transaction will be terminated with abend code AD2P. • TPOOL - If all threads are busy a transaction will be diverted to use a pool thread. If the pool is also busy and NOTWAIT has been specified for the threadwait parameter on DB2 connection, the transaction is terminated with abend code AD3T.
Peak number of protected threads	PTHWM	This field indicates the peak number of protected threads for this DB2 entry.
Current number of protected threads	PTCURR	This field indicates the current number of protected threads for this DB2 entry.
Number of UOWs with single phase commit	SPHASE	This field indicates the number of units of work using the DB2 entry that used single phase commit, either because they were read-only UOWs, or because DB2 was the only recoverable resource updated in the UOW.
Number of times threads reused	TREUSE	This field indicates the number of times CICS transactions using the DB2 entry were able to reuse an already created DB2 thread.
Peak number of active threads	THWM	This field indicates the peak number of active threads for this DB2 entry
Peak number of tasks waiting for thread	RQHWM	This field indicates the peak number of CICS tasks that waited for a thread to become available on this DB2 entry.

Table 62. Fields in DB2ENTRY views (continued)

Field	Attribute name	Input values
Deadlock rollback option	DROLLBACK	This field indicates whether or not the CICS DB2 attachment will initiate a syncpoint rollback in the event of transaction being selected as a victim of a deadlock resolution. • ROLLBACK - The attachment facility will issue a syncpoint rollback before returning control to the application. An SQL code of -911 will be returned to the application indicating the current UOW has been rolled back. • NOROLLBACK - The attachment facility will NOT initiate a rollback for a transaction. An SQL code of -913 will be returned to the application indicating an unsuccessful execution caused by deadlock or timeout.
Accounting record option	ACCOUNTREC	This defines whether the CICS DB2 attachment will produce a DB2 accounting record per unit of work (UOW), transaction, transid or not at all for transactions using this DB2 entry. • UOW - The CICS DB2 attachment facility causes an accounting record to be produced by DB2 for each UOW, assuming that the thread is released at the end of the UOW. • TASK - The CICS DB2 attachment facility causes a minimum of one accounting record to be produced by DB2 for each CICS task. • TXID - The CICS DB2 attachment facility causes an accounting record to be produced by DB2 when the transid using the thread changes. • NONE - No accounting records are required for transactions using threads from this DB2 entry.

Table 62. Fields in DB2ENTRY views (continued)

Field	Attribute name	Input values
Authorization type	AUTHTYPE	This indicates the type of user identifier to be used for security checking for threads on this DB2 entry. If Authorization type is specified then Thread authorization ID is set to blanks. • GROUP - Eight character ID and the connected group name are used as the authorization ID • SIGN - The SIGNID parameter of DB2 connection is used as the authorization ID • TERM - The terminal identification is used as the authorization ID • TX - The transaction identification is used as the authorization ID • OPID - The user operator identification is used as the authorization ID • USERID - The eight character user ID associated with the CICS transaction is used as the authorization ID
Disabled action	DISABLEDACT	This defines what CICS is to do with new transactions accessing DB2 entry when it has been disabled or is disabling. If this is not specified and DB2 entry is disabled, new requests are routed to the pool by default. • POOL - The CICS DB2 attachment facility routes the request to the pool. Message DFHDB2072 is sent to the transient data destination specified by MSGQUEUEn on the DB2CONN for each transaction routed to the pool. • ABEND - The CICS DB2 attachment facility abends the transaction.The abend code is AD26. • SQLCODE - An SQLCODE is returned to the application indicating that the DB2ENTRY is disabled.
Maximum number of protected threads	PROTECTNUM	This field indicates the current maximum number of protected threads allowed for this DB2 entry.
Current number of tasks	XCURR	This field indicates the current number of CICS tasks that are using this DB2 entry.

Table 62. Fields in DB2ENTRY views (continued)

Field	Attribute name	Input values
Plan name	PLAN	This indicates the name of the plan to be used for this entry. If a plan name is specified then the Dynamic plan exit name field is set to blank.
Maximum number of active threads	THREADLIMIT	This field indicates the current maximum number of pool threads the CICS DB2 attachment allows to be active before requests are made to wait, overflow to the pool, or are rejected.
Number of signons	SIGNONS	This field indicates the number of DB2 signons performed for this DB2 entry.
Maximum number of protected threads	PTLIM	This field indicates the current maximum number of protected threads allowed for this DB2 entry.
Number of times threads terminated	TTERM	This field indicates the number of terminate thread requests made to DB2 for threads of this DB2 entry.
Number of active threads	THREADS	This field indicates the current number of threads active for this DB2 entry.
Enabled status	ENABLESTATUS	This indicates whether the DB2 entry can be accessed by application programs. • ENABLED - The DB2 entry can be accessed by applications. DB2 entry is installed in an enabled state. • DISABLED - The DB2 entry cannot be accessed by applications. • DISABLING - The DB2 entry is in the process of being disabled. New transactions cannot access the entry. However, existing transactions using the entry will be allowed to complete unless the DB2 entry is being disabled using the FORCE option.
Number of aborts	ABORTS	This field indicates the number of units of work using this DB2 entry that were rolled back.
Thread authorization ID	AUTHID	This defines the user identifier to be used for security checking for threads on this DB2 entry. If Thread authorization ID is specified, then Authorization type is not applicable

Table 62. Fields in DB2ENTRY views (continued)

Field	Attribute name	Input values
Maximum number of threads	TLIMIT	This field indicates the current maximum number of threads allowed for the DB2 entry.
DB2 entry name	NAME	This is the name of the DB2 entry which defines the resources to be used by a specific transaction or by a group of transactions when accessing DB2.
Current number of threads	TCURR	This field indicates the current number of active threads for this DB2 entry.

Subsystems in a CICS region - DB2SS

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

Supplied views

To access from the main menu, click:

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

Table 63. Views in the supplied **DB2 subsystems in a CICS region** *(DB2SS) view set*

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

Actions

None.

Fields

Table 64. Fields in DB2SS views

Field	Attribute name	Input values
Second error destination	ERRDEST2	The second CICS transient data destination to receive unsolicited messages.

Table 64. Fields in DB2SS views (continued)

Field	Attribute name	Input values
Maximum number of threads	MAXTHREAD	The maximum number of threads that could be created between the CICS system and the DB2 subsystem. This value is the total of the THRDM= parameters specified on all DSNCRCT entries (including TYPE=COMD, TYPE=POOL, and TYPE=ENTRY).
Plan allocation entry trace ID	PLANENTRTRC	Entry trace ID of the DB2 dynamic plan exit used for this subsystem
Snap dump output class	SNAPCLASS	The SYSOUT class of the snap dump
Plan allocation exit trace ID	PLANEXITTRC	Exit trace ID of the DB2 dynamic plan exit used for this DB2 subsystem
DB2 subsystem release level	RELEASE	The release of the DB2 subsystem.
Wait for DB2 subsystem option	WAIT	Wait for the DB2 subsystem to become available.
MVS system ID	LOCATION	The system ID of the MVS system where this DB2 subsystem resides.
First error destination	ERRDEST1	The first CICS transient data destination to receive unsolicited messages.
Number of current active tasks	CURTHREAD	The number of threads that are currently active between the CICS system and the DB2 subsystem.
DB2 CICS attachment status	STATUS	The status of the DB2 subsystem, as one of the following: • ACTIVE - The subsystem is either processing or available for work. • CONNECTING - CICS is currently attempting to connect to the subsystem. • DISCONNING - CICS is currently disconnecting from the subsystem. • INACTIVE - The subsystem is not available for work. • QUIESCING - The subsystem is being shutdown. • WAITING - The subsystem is not fully initialized.
DB2 ID	NAME	The name of the DB2 subsystem.

Table 64. Fields in DB2SS views (continued)

Field	Attribute name	Input values
Resource control table	RCTNAME	The 8 character RCT name including the suffix. The format should be: DSNCRCTx where 'x' is the suffix number. It defaults to zero.
Third error destination	ERRDEST3	The third CICS transient data destination to receive unsolicited messages.
Transient data destination for CICS DB2 statistics	STATSDEST	The transient data destination used for the collection of CICS DB2 statistics
SQL trace ID	SQLTRCID	ID of the SQL trace

Threads in a CICS region - DB2THRD

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

Supplied views

To access from the main menu, click:

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

Table 65. Views in the supplied **DB2 threads in a CICS region** *(DB2THRD) view set*

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

Actions

None.

Fields

Table 66. Fields in DB2THRD 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 • NULL - No RACF group available for specified USERID. • RACFGID - RACF user-ID and group name • SIGNID - CICS system authorization ID • TERMID - Terminal ID • TRANID - Transaction ID • USER - User operator ID (3-character) • USERID - Sign-on user ID (8-character)
Dispatching mode	DPMODE	The dispatching priority for connection subtasks relative to CICS, as specified on the DPMODE= or DPMODI= parameter of the DSNCRCT entry: • EQ - Subtasks must be allowed to have equal priority with CICS. • HIGH - Subtasks can have a higher priority than CICS. • LOW - Subtasks will have a lower priority than CICS.
Number of transactions in group	OTHERIDS	The number of other transactions specified on the TXID= parameter of the DSNCRCT entry.
Initial transaction	INITTRAN	Identifies the first transaction in the thread, as specified on the TXID= parameter of the DSNCRCT entry. The value shown here depends upon which TYPE= statement was used: • CMD - TYPE=COMD • POL - TYPE=POOL • tranid - TYPE=ENTRY • DB2THRDD (from DB2THRD) • DB2TRAN (from DB2THRDD)

Table 66. Fields in DB2THRD views (continued)

Field	Attribute name	Input values
Rollback option	ROLLBACKOPT	The rollback option for this transaction, as specified on the ROLBE= or ROLBI= parameter of the DSNCRCT entry: • YES - A sync point rollback is issued before returning control to the application. • NO - No rollback is issued.
Number of current threads	CURTHREADS	The number of threads currently active for this DSNCRCT entry
Dynamic plan exit for pool threads	PLANPRGM	The name of the exit program for this transaction, as specified on the PLANPGME= parameter of the DSNCRCT entry. If this field is blank, no exit program name was specified.
Peak number of concurrent threads in use	THREADHWM	The maximum number of threads the attachment facility allows to be connected for this DSNCRCT entry, as specified on the THRDA= parameter
Number of thread waits	THREADWAIT	The number of times this transaction has had to wait for a thread
Number of authorizations performed	AUTHCNT	The number of authorization checks that have been performed for this DSNCRCT entry
Number of read-only commits	READCOMMIT	The number of read-only commits processed for transactions associated with this thread
Plan	PLANNAME	The name of the application plan associated with this transaction, as specified on the PLAN= parameter of the DSNCRCT entry. If this field is blank, no plan name was specified. A value of '********' means plan name does not apply because the PLNEXIT=YES parameter was specified
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.

Table 66. Fields in DB2THRD views (continued)

Field	Attribute name	Input values
Maximum number of threads	MAXTHREADS	The maximum number of active threads for this DSNCRCT entry, as specified on the THRDM= parameter
Number of 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 or TWAIT - If all threads are busy, a transaction will wait until one becomes available. • NO or NOTWAIT - If all threads are busy, a transaction will be terminated with an abend. • POOL - Specifies that, if all threads are busy, a transaction must be diverted to use the pool of threads. If the pool is also busy, and NO has been specified for the TWAIT or TWAITI parameter on the TYPE=POOL form of the macro, a transaction is terminated with an abend.
Number of times plan used	USECOUNT	The number of times the specified plan has been used

Thread associated transactions - DB2TRAN

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

Supplied views

To access from the main menu, click:

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

Table 67. Views in the supplied **DB2 thread associated transactions** *(DB2TRAN) view set*

View	Notes
DB2 thread associated transactions EYUSTARTDB2TRAN.TABULAR	Tabular information about DB2 transactions associated with DB2 threads.

Table 67. Views in the supplied **DB2 thread associated transactions** *(DB2TRAN) view set (continued)*

View	Notes
DB2 thread associated transactions EYUSTARTDB2TRAN.DETAILED	Tabular information about a selected DB2 transaction

Actions

None.

Fields

Table 68. Fields in DB2TRAN views

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

Entry associated transactions - DB2TRN

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

Supplied views

To access from the main menu, click:

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

Table 69. Views in the supplied **DB2 entry associated transactions** *(DB2TRN) view set*

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

Actions

Table 70. Actions available for DB2TRN views

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

Fields

Table 71. Fields in DB2TRN views

Field	Attribute name	Input values
Plan exit name	PLANEXITNAME	Identifies the DB2 plan exit name
Plan name	PLAN	Identifies the DB2 plan name
Transaction ID associated with DB2 entry	TRANSID	This specifies the transaction to be associated with the DB2 entry. The transaction name can be wildcarded.
DB2 transaction name	NAME	This is name by which the transaction is known within the CICS system.
DB2 entry name for DB2TRN	DB2ENTRY	This is the name of the DB2 entry to which this DB2TRN refers.

DBCTL subsystem - DBCTLSS

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

Supplied views

To access from the main menu, click:

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

Table 72. Views in the supplied **DBCTL subsystem in use** *(DBCTLSS) view set*

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

Actions

None.

Fields

Table 73. Fields in DBCTLSS views

Field	Attribute name	Input values
Maximum number of threads	MAXTHREAD	The maximum number of threads specified in the database resource adapter (DRA) startup parameter table.
DBCTL ID override	DBCTLOVERIDE	ID to override the DBCTL subsystem
Number of times PSB successfully scheduled	PSBSCHED	Is the number of times the CICS-DBCTL session has successfully scheduled a program specification block (PSB).
Fully qualified startup table name	PRPNAME	The fully qualified name of the database resource adapter (DRA) startup table.
MVS system ID	LOCATION	The system ID of the MVS system where this DBCTL subsystem resides.
Recoverable service element name	RSENAME	The name of the DBCTL recoverable service element
Number of times minimum threads reached	MINTHRDCNT	The number of times that all of the allocated threads between DB2 and CICS are found active.
Time at which connect occurred	TIMEON	Time that the connection was first made to the DB2 subsystem.
Peak number of threads in use	PEAKTHREADS	The highest number of threads between DB2 and CICS at any given time.
DBCTL CICS attachment status	STATUS	The status of the DBCTL session, as one of the following: • ACTIVE - The session is available for work. • INACTIVE - The session is not available for work. • WAITING - The connection between CICS and DBCTL is not yet complete.
CICS system name used to attach	CICSNAME	The CICS system name used to attach to.
Elapsed time at maximum threads condition	MAXTHRDTIME	The elapsed time of which the CICS-DBCTL session is running at the maximum thread value.
Minimum number of threads	MINTHREAD	The minimum number of threads specified in the database resource adapter (DRA) startup parameter table.
DBCTL subsystem name	NAME	The name of the DBCTL subsystem.
Time at which disconnect occurred	TIMEOFF	The time of the last disconnect of the DB2 subsystem.

Table 73. Fields in DBCTLSS views (continued)

Field	Attribute name	Input values
Number of times maximum threads reached	MAXTHRDCNT	The number of times that the number of active threads between CICS and DB2 has reached the maximum value.

WebSphere MQ connections - MQCONN

MQCONN views display status information and statistics for the WebSphere MQ connection for a CICS region.

Supplied views

To access from the main menu, click:

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

Table 74. Views in the supplied **WebSphere MQ connection** *(MQCONN) view set*

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

Actions

None.

Fields

Table 75. Fields in MQCONN views

Field	Attribute name	Input values
Number of MQGET requests	MQGTGET	The total number of times the MQGET command was issued.
Number of MQSET requests	MQGTSET	The total number of times the MQSET command was issued.
Number of MQGET with wait requests	MQGTGETWAIT	The total number of times the MQGET command was issued with the MQGMO_WAIT option.

Table 75. Fields in MQCONN views (continued)

Field	Attribute name	Input values
Number of MQPUT1 requests	MQGTPUT1	The total number of times the MQPUT1 command was issued.
Number of MQOPEN requests	MQGTOPEN	The total number of times the MQOPEN command was issued.
Number of indoubt units of work	MQGINDBTUOW	The total number of UOWs that were indoubt at startup of the WebSphere MQ adapter.
Number of resolved committed units of work	MQGRESCOMUW	The number of UOWs that were indoubt at startup of the WebSphere MQ adapter, and were resolved by a commit.
Number of MQ API calls when MQ was not connected	MQGTFUTATT	The total number of WebSphere MQ API calls that were made when the connection status was 'NOTCONNECTED' (that is, futile attempts). When CICS connects to WebSphere MQ, this number is reset to zero.
Number of MQINQ requests	MQGTINQ	The total number of times the MQINQ command was issued.
Number of tasks	MQGTTASKEND	The total number of tasks on the connection.
Number of MQPUT requests	MQGTPUT	The total number of times the MQPUT command was issued.
Number of MQ calls that had a TCB switch	MQGTSUBTASK	The total number of WebSphere MQ API calls that involved a TCB switch.
MQ connection status	MQGCONNSTAT	Indicates the status of the connection between this CICS system and WebSphere MQ: • CONNECTED - CICS is connected to WebSphere MQ. • NOTCONNECTED - CICS is not connected to WebSphere MQ.
Number of MQGET with wait requests that waited	MQGTWAITMSG	The total number of times the MQGET command was issued with the MQGMO_WAIT option, and the request waited.
Number of committed units of work	MQGTCOMMUOW	The total number of UOWs on the connection which were resolved by a commit.
Number of current tasks	MQGTTASKS	The number of current tasks that have issued a WebSphere MQ call.
Number of backout units of work	MQGTBACKUOW	The total number of UOWs on the connection which were resolved by a backout.

Table 75. Fields in MQCONN views (continued)

Field	Attribute name	Input values
Number of unresolved units of work	MQGUNRESUOW	The number of UOWs that were indoubt at startup of the WebSphere MQ adapter, and could not be resolved because the CICS system was cold started.
Number of MQCLOSE requests	MQGTCLOSE	The total number of times the MQCLOSE command was issued.
Number of MQ calls that needed I/O	MQGTCALLIO	The total number of WebSphere MQ API calls that required I/O to complete.
MQ queue manager name	MQGQMGRNAME	The name of the WebSphere MQ queue manager.
Number of MQ API calls completed successfully	MQGTAPIOK	The total number of WebSphere MQ API calls that completed successfully.
Number of MQ API calls since MQ connected	MQGTAPI	The total number of WebSphere MQ API calls that have been made since CICS connected to WebSphere MQ.
Number of resolved backout units of work	MQGRESBACUW	The number of UOWs that were indoubt at startup of the WebSphere MQ adapter, and were resolved by a backout.
Number of two phase commit operations	MQGT2PCOMM	The total number of two phase commits for UOWs on the connection.
Number of MQ calls that completed synchronously	MQGTCALLSYNC	The total number of WebSphere MQ API calls that completed synchronously.
MQ Release	MQGMQRELEASE	The release of the WebSphere MQ queue manager.
Number of internal MQ calls	MQGTCALL	The total number of internal calls to WebSphere MQ on the connection.
Initiation queue name	MQGINITQ	The name of the default WebSphere MQ initiation queue.
Number of single phase commit operations	MQGTSPCOMM	The total number of single phase commits for UOWs on the connection.

Document template operations views

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

Document template - DOCTEMP

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

Supplied views

To access from the main menu, click:

CICS operations views > Document template operations views > Document template

Table 76. Views in the supplied **Document template** *(DOCTEMP) view set*

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

Actions

Table 77. Actions available for DOCTEMP views

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

Fields

Table 78. Fields in DOCTEMP views

Field	Attribute name	Input values
Data set name of partitioned data set	DSNAME	The data set name (dsname) for the document template.
Document content type	DOCTYPE	The data type of the contents of the document. Values are BINARY or EBCDIC.
New copy status of the DOCTEMPLATE	COPY	The COPY status of the doctemplate, which determines whether or not a new copy of the doctemplate is required.
Transient data queue name	TDQUEUE	The identifier of the transient data queue for the document template.

Table 78. Fields in DOCTEMP views (continued)

Field	Attribute name	Input values
Total number of DOCTEMPLATE deletes from Cache	CACHEDELD	The number of times the cached copy of the document template was deleted because of a short on storage condition.
File name	FILE	The name of the file for the document template.
Carriage return line feed (CRLF) append option	APPENDCRLF	The option to append carriage return, line feed (CRLF) to document template records when they are read. Values are APPEND, NOAPPEND.
Exit program name	EXITPGM	Name of the exit program for the document template.
Size in bytes of DOCTEMPLATE	CACHESIZE	The amount of storage required for a cached copy of the document template. Before the first use of the template, this field is zero. This field is always zero for templates in a CICS program, which are never cached, and for templates in an exit program if they are not specified for caching.
Hierarchical File System template file	HFSFILE	The name of the hierarchical file system (HFS) template file
Total number of DOCTEMPLATE reads	READCOUNT	The number of times the document template was read from the source.
Total number of NEWCOPY requests issued	NEWCOPYCNT	The number of times the SET DOCTEMPLATE NEWCOPY command was issued for this document template.
DD name of the partitioned data set	DDNAME	The DDname of the partitoned data set for the document template.
Document template type	TEMPLATETYPE	The type of document template. Available types of document template are: • EXITPGM - An exit program. • FILE - A file. • HFS - An HFS file. • MEMBER - A member of a partitioned dataset. • PROGRAM - A program. • TDQUEUE - A transient data queue. • TSQUEUE - A temporary storage queue.
Document template name	NAME	The name of the document template
Name of the member in partitioned data set	MEMBER	The member of the partitoned dataset for the document template.

Table 78. Fields in DOCTEMP views (continued)

Field	Attribute name	Input values
Temporary storage queue name	TSQUEUE	The identifier of the temporary storage queue for the document template.
Extended document template name	TEMPLATENAME	The full name of the document template.
Total number of DOCTEMPLATE accesses from Cache	CACHEUSED	The number of times an application used the cached copy of the document template.
Total number of times DOCTEMPLATE has been used	USECOUNT	The total number of times the document template was referenced for any reason.
Program name	PROGRAM	The program for the document template.

Enqueue model operations views

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

Enqueue model - ENQMODEL

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

Supplied views

To access from the main menu, click:

CICS operations views > Enqueue model operations views > Enqueue model

Table 79. Views in the supplied **Enqueue model** *(ENQMODEL) view set*

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

Table 79. Views in the supplied **Enqueue model** *(ENQMODEL) view set (continued)*

View	Notes
Enqueue model EYUSTARTENQMODEL.DETAILED	Detailed information about a selected enqueue model.
Enqueue model EYUSTARTENQMODEL.ENABLE	Set the status of the selected enqueue model to ENABLED. Disabled enqueue models can be installed in any order, but must be enabled in order from most specific to least specific.
Enqueue model EYUSTARTENQMODEL.SET	Set the status of the selected enqueue model.

Actions

Table 80. Actions available for ENQMODEL views

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

Fields

Table 81. Fields in ENQMODEL views

Field	Attribute name	Input values
	ENQSTATUS	This specifies the action to be taken on the ENQMODEL: • ENABLED – matching enqueue requests are processed in the normal way. • DISABLED – matching enqueue requests are rejected, and the issuing task is abended with code ANQE. Matching INSTALL CREATE and DISCARD requests are processed. • WAITING – matching enqueue requests are being rejected, and the issuing tasks are abending with code ANQE. There are INSTALL CREATE or DISCARD requests waiting to be processed.
Enqueue scope name	ENQSCOPE	This identifies the optional four character scope name. If this field is omitted or specified as blanks then the matching ENQ will have local scope.
Enqueue model name	NAME	This is the name of the enqueue model defined within this CICS system.
Enqueue resource name	ENQNAME	This defines the 1 - 255 character resource name.

Enterprise Java component operations views

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

CorbaServers - EJCOSE

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

Supplied views

To access from the main menu, click:

CICS operations views > Enterprise Java component operations views > CorbaServers

Table 82. Views in the supplied **CorbaServers** *(EJCOSE) view set*

View	Notes
CorbaServers EYUSTARTEJCOSE.DISCARD	Discard the selected CorbaServer from its associated MAS together with any associated deployed JAR files and beans.
CorbaServers EYUSTARTEJCOSE.TABULAR	Tabular information about installed CorbaServers.
CorbaServers EYUSTARTEJCOSE.RETRACT	Retract all beans installed in the selected CorbaServer. Retracting a bean means unbinding a reference to the home of the bean from the namespace. The naming context in which the bean is bound is named, relative to the initial context defined for the CICS region, using a concatenation of the JNDIPREFIX attribute of the CorbaServer and the name of the bean.
CorbaServers EYUSTARTEJCOSE.DETAIL2	Detailed host and certificate information about a selected CorbaServer.
CorbaServers EYUSTARTEJCOSE.DETAILED	Detailed general information about a selected CorbaServer.
CorbaServers EYUSTARTEJCOSE.DETAIL4	Detailed cipher information about a selected CorbaServer.
CorbaServers EYUSTARTEJCOSE.PUBLISH	Publish: • all beans installed in the specified CorbaServer • the Generic Factory Interoperable Object Reference (Generic factory) of the specified Corbaserver Publishing a bean means binding a reference to the home of the bean in the namespace. The naming context in which the bean is bound is named, relative to the initial context defined for the CICS region, using a concatenation of the JNDIPREFIX attribute of the CorbaServer and the name of the bean. The Generic factory is bound with the name GenericFactory concatenated to the JNDIPREFIX attribute of the Corbaserver.
CorbaServers EYUSTARTEJCOSE.SCAN	Scan the selected CorbaServer's deployed JAR file directory (also known as the pickup directory) for new or updated deployed JAR files. If CICS finds any new deployed JAR files in the pickup directory, it copies them to its shelf directory and dynamically creates and installs DJAR definitions for them. If CICS finds any updated deployed JAR files in the pickup directory, it updates both the LASTMODTIME, DATESTAMP, and TIMESTAMP attributes of the installed DJAR definitions and the shelf copies of the deployed JAR files.

Table 82. Views in the supplied **CorbaServers** *(EJCOSE) view set (continued)*

View	Notes
CorbaServers EYUSTARTEJCOSE.DETAIL3	Detailed DJAR and statistics information about a selected CorbaServer.
CorbaServers EYUSTARTEJCOSE.DETAIL1	Detailed JNDI and shelf information about a selected CorbaServer.

Actions

Table 83. Actions available for EJCOSE views

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

Fields

Table 84. Fields in EJCOSE views

Field	Attribute name	Input values
CorbaServer status	STATE	Applies only to releases earlier than CICS Transaction Server for z/OS Version 3 Release 1. In later releases this is replaced by ENABLESTATUS. This specifies the current status of this CorbaServer and has a value of: • INITING - The CorbaServer is being initialized. It is not yet ready to accept requests. • INSERVICE - The CorbaServer is available and is accepting requests. • PENDINIT - Initialization has not yet started. • PENDRESOLVE - Resolution of the CorbaServer has not yet started. • UNRESOLVED - Resolution of the CorbaServer has failed. • UNUSABLE - The CorbaServer is unusable. • DISCARDING - A DISCARD is in progress for this CorbaServer. • RESOLVING - The CorbaServer is being resolved.
Number of Object Activates	OBJACTIVATES	The total number of successful stateful session bean activations.
Secure sockets layer (SSL) client certificate	CERTIFICATE	This specifies the label of a certificate within the key ring that is to be used as a client certificate in the SSL handshake for outbound IIOP connections. If this option is not specified, the default certificate for the key ring is used.
TCP/IP service for Asserted Identity protocol	ASSERTED	The 8-character name of a TCPIPSERVICE that defines the characteristics of the port that is used for inbound IIOP with asserted identity authentication.
TCP/IP service for unauthenticated protocol	UNAUTH	The 8-character name of a TCPIPSERVICE resource that defines the characteristics of the port that is used for inbound IIOP with no authentication

Table 84. Fields in EJCOSE views (continued)

Field	Attribute name	Input values
Outbound privacy	OUTPRIVACY	Indicates the level of SSL encryption used for outbound requests from this CorbaServer. The level is determined by the CIPHERS attribute. Possible values are: • Notsupported – Encryption is not used. During the SSL handshake, CICS advertises only supported cipher suites that do not provide encryption. • Required – Encryption is used. During the SSL handshake, CICS advertises only supported cipher suites that provide encryption. • Supported – Encryption is used if both client and server support it. During the SSL handshake, CICS advertises all supported cipher suites.
Number of Failed Activates	FAILACTIVATE	The total number of failed stateful session bean activations.
SSL cipher suite codes	CIPHERS	The list of cipher suites, in the form of up to 28 hexadecimal pairs, that is used to negotiate with clients during the SSL handshake. When a secure connection is established between a pair of processes, the most secure cipher suite supported by both is used.
Auto publish beans to Java naming directory (JNDI)	AUTOPUBLISH	Indicates whether enterprise beans are to be automatically published to the JNDI namespace when the deployed JAR file that contains them is successfully installed in the CorbaServer. The values are: • Autopub – Enterprise beans are to be automatically published. • Noauto – Enterprise beans are not to be automatically published.

Table 84. Fields in EJCOSE views (continued)

Field	Attribute name	Input values
CorbaServer status	ENABLESTATUS	Specifies the current state of the CorbaServer. The values are: • Disabled – The CorbaServer is currently not processing any requests and is unable to accept new requests. It may have failed to initialize properly or have been explicitly disabled. • Disabling – The CorbaServer is quiescing before entering disabled state. It is not accepting new requests but is allowing currently-executing work to complete. • Discarding – A DISCARD request has been received for this CorbaServer. The CorbaServer is quiescing before being discarded. It is not accepting new requests but is allowing currently-executing work to complete. • Enabled – The CorbaServer is available and is accepting requests. • Enabling – The CorbaServer is being initialized. It is not yet ready to accept requests. Input Values: ENABLED, DISABLED
TCP/IP service for secure sockets layer (SSL) AUTHENTICATE=NO protocol	SSLUNAUTH	The 8-character name of a TCPIPSERVICE resource that defines the characteristics of the port that is used for inbound IIOP with SSL but no client authentication

Table 84. Fields in EJCOSE views (continued)

Field	Attribute name	Input values
TCP/IP port number	PORT	This attribute is obsolete, but is supported to provide compatibility with earlier releases of CICS. If this attribute is present in the CORBASERVER definition, the following attributes must be blank: • ASSERTED • CLIENTCERT • SSLUNAUTH • UNAUTH • OUTPRIVACY If you define a CORBASERVER with this attribute, you can only install it on CICS Transaction Server for z/OS, Version 2 Release 1.
CICS-deployed JAR file pickup directory	DJARDIR	A 255-character area containing the name of the deployed JAR file directory (also known as the pickup directory) on HFS. (The pickup directory is the place that you put deployed JAR files that you want to be installed into the CorbaServer by the CICS scanning mechanism.)
Number of SSL cipher suite codes	NUMCIPHERS	The number of SSL cipher suite codes.
Session bean timeout (minutes)	SESSBEANTIME	This defines the elapsed time (in minutes) of inactivity after which a session bean may be discarded. A value of 0 prevents beans from being timed out. The default value is 10 minutes.
Java naming directory (JNDI) prefix	JNDIPREFIX	The prefix to be used at runtime when publishing enterprise beans to the Java Naming and Directory Interface (JNDI). The prefix must include any trailing delimiter, such as a forward slash, because CICS does not insert a delimiter between the prefix and a suffix. If this option is not specified, no prefix is prepended when publishing beans to JNDI.

Table 84. Fields in EJCOSE views (continued)

Field	Attribute name	Input values
Secure sockets layer (SSL) port number	SSLPORT	This attribute is obsolete, but is supported to provide compatibility with earlier releases of CICS. If this attribute is present in the CORBASERVER definition, the following attributes must be blank: • ASSERTED • CLIENTCERT • SSLUNAUTH • UNAUTH • OUTPRIVACY If you define a CORBASERVER with this attribute, you can only install it on CICS Transaction Server for z/OS, Version 2 Release 1.
Hierarchical file system (HFS) shelf directory	SHELF	The fully qualified name of up to 255 characters of a directory (a shelf, primarily for deployed JAR files) on HFS.
Secure sockets layer (SSL) usage	SSL	This attribute is obsolete, but is supported to provide compatibility with earlier releases of CICS. If this attribute is present in the CORBASERVER definition, the following attributes must be blank: • ASSERTED • CLIENTCERT • SSLUNAUTH • UNAUTH • OUTPRIVACY If you define a CORBASERVER with this attribute, you can only install it on CICS Transaction Server for z/OS, Version 2 Release 1.
CorbaServer name	NAME	The name of the CorbaServer.
Number of Object Stores	OBJSTORES	The total number of successful stateful session bean passivations.
TCP/IP service for client certificated protocol	CLIENTCERT	The 8-character name of a TCPIPSERVICE resource that defines the characteristics of the port that is used for inbound IIOP with SSL client certificate authentication.
TCP/IP host address	HOST	The TCP/IP host name, or a string containing the dotted-decimal TCP/IP address, of this logical EJB or CORBA server.

CICS-deployed JAR files - EJDJAR

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

Supplied views

To access from the main menu, click:

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

Table 85. Views in the supplied **CICS-deployed JAR files** *(EJDJAR) view set*

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

Actions

Table 86. Actions available for EJDJAR views

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

Fields

Table 87. Fields in EJDJAR views

Field	Attribute name	Input values
CICS-deployed JAR file status	STATE	The current status of this Deployed JAR and has a value of INITING, INSERVICE, PENDINIT, PENDRESOLVE, UNRESOLVED, UNUSABLE, DISCARDING, and RESOLVING.

Table 87. Fields in EJDJAR views (continued)

Field	Attribute name	Input values
Hierarchical file system (HFS) path	HFSFILE	The first 30 characters of the fully qualified name of the Deployed JAR file on HFS. If the field is terminated with '...' then only a partial file name is shown, and you should hyperlink to the detail panel to review the full field contents.
Time the DJAR was last modified	LASTMODTIME	The time, in milliseconds since 00:00 on January 1st 1900, that the deployed JAR file on HFS was last updated. This is a read only value that CICS updates when the DJAR resource is installed or updated. The last-modified-time can be used to determine whether CICS has refreshed itself after an update is made to a JAR in the pickup directory.
CICS-deployed JAR file	NAME	The name of the Deployed Java Archive.
CorbaServer name	CORBASERVER	Hyperlink to the EJCOSED panel, which specifies the details of the destination CorbaServer for this Deployed JAR.

Enterprise beans in CorbaServers - EJCOBEAN

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

Supplied views

To access from the main menu, click:

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

Table 88. Views in the supplied **Enterprise beans in CorbaServer** *(EJCOBEAN) view set*

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

Actions

None.

Fields

Table 89. Fields in EJCOBEAN views

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

Enterprise beans in CICS-deployed JAR files - EJDJBEAN

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

Supplied views

To access from the main menu, click:

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

Table 90. Views in the supplied **Enterprise beans in CICS-deployed JAR file** *(EJDJBEAN) view set*

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

Actions

None.

Fields

Table 91. Fields in EJDJBEAN views

Field	Attribute name	Input values
Number of Bean state Activates	BEANACTIVATE	The number of times a bean of this type has been activated.

Table 91. Fields in EJDJBEAN views (continued)

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

JVM pool - JVMPOOL

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

Supplied views

To access from the main menu, click:

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

Table 92. Views in the supplied **JVM pool** *(JVMPOOL) view set*

View	Notes
JVM pool EYUSTARTJVMPOOL.DISABLE	Set the selected pool status to disabled, preventing new requests from being serviced from the pool. Programs that were started before the command was issued are allowed to execute to completion.
JVM pool EYUSTARTJVMPOOL.TABULAR	Tabular information about the pool of JVMs in the CICS address space.
JVM pool EYUSTARTJVMPOOL.DETAIL2	Detailed pool statistics information about a selected JVM pool.
JVM pool EYUSTARTJVMPOOL.FORCEPURGE	Terminate tasks using JVMs by the SET TASK FORCEPURGE mechanism, and terminate the JVMs. If you do not specify a JVM profile, all JVMs in the pool are terminated. For CICS TS 3.2 and later regions, you can specify a JVM profile to limit termination to JVMs with that profile.
JVM pool EYUSTARTJVMPOOL.DETAILED	Detailed general information about a selected JVM pool.

Table 92. Views in the supplied **JVM pool** *(JVMPOOL) view set (continued)*

View	Notes
JVM pool EYUSTARTJVMPOOL.PHASEOUT	Mark JVMs for deletion when they finish running their current Java program. If you do not specify a JVM profile, all JVMs in the pool are marked for deletion. For CICS TS 3.2 and later regions, you can specify a JVM profile to limit termination to JVMs with that profile.
JVM pool EYUSTARTJVMPOOL.PURGE	Terminate all tasks using JVMs by the SET TASK PURGE mechanism, and terminate the JVMs. If you do not specify a JVM profile, all JVMs in the pool are terminated. For CICS TS 3.2 and later regions, you can specify a JVM profile to limit termination to JVMs with that profile.
JVM pool EYUSTARTJVMPOOL.ENABLE	Set the selected pool status to enabled for use so that Java programs can execute using JVMs from the pool.
JVM pool EYUSTARTJVMPOOL.SET	Set the status of the selected JVM pool.
JVM pool EYUSTARTJVMPOOL.START	Initialize the JVMPOOL using the START option. You specify a number of JVMs to be started for a JVM profile. You also specify the execution key for the JVMs.
JVM pool EYUSTARTJVMPOOL.DETAIL1	Detailed trace control information about a selected JVM pool.

Actions

Table 93. Actions available for JVMPOOL views

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

Table 93. Actions available for JVMPOOL views (continued)

Action	Description
ENABLE	Set the selected pool status to enabled for use so that Java programs can execute using JVMs from the pool.
SET	Set the status of the selected JVM pool.
START	Initialize the JVMPOOL using the START option. You specify a number of JVMs to be started for a JVM profile. You also specify the execution key for the JVMs.

Fields

Table 94. Fields in JVMPOOL views

Field	Attribute name	Input values
JVM requests - class cache	SJGREQSCACHE	The total number of Java programs which requested a JVM that uses the shared class cache.
Number of JVM requests with JVM reuse	SJGREQSREUSE	The number of requests to run a program in a continuous JVM.
JVM LVL1 Trace control	JVMLVL1TRACE	The default option for JVM Level 1 trace, corresponding to trace level 30 of the SJ component. The default setting for this level of tracing maps to trace point level 1 for JVMs.
Number of JVM requests with JVM reset	SJGREQSRESET	Number of requests to run a program in a resettable JVM. This field is not applicable for CICS TS 3.2 and later regions.
JVM USER Trace control	JVMUSERTRACE	The default option for JVM user trace, corresponding to trace level 32 of the SJ component.
JVM LVL0 Trace control	JVMLVL0TRACE	The default option for JVM Level 0 trace, corresponding to trace level 29 of the SJ component. The default setting for this level of tracing maps to trace point level 0 for JVMs, which is reserved for extraordinary events and errors. Unlike CICS exception trace, which cannot be switched off, the JVM Level 0 trace is normally switched off unless JVM tracing is required.
Number of pre-initialized Java virtual machines	TOTAL	The number of JVMs that have been initialized and are available for use or allocated to tasks. This total includes JVMs that are in the process of being terminated and removed from the region and included on the PHASINGOUT count.
Number of current JVMs	SJGCURRJVMS	The current number of JVMs in the JVM pool.

Table 94. Fields in JVMPOOL views (continued)

Field	Attribute name	Input values
Number of Java virtual machines (JVM) for removal	PHASINGOUT	The number of JVMs that are marked for removal from the JVM pool. These JVMs are still allocated to a task that is currently executing, or has executed, a Java program in the JVM. JVMs are marked for removal as a result of a JVMPOOL Phaseout, Purge or Forcepurge action or as a result of a CLCACHE Phaseout, Purge or Forcepurge action.
Peak number of JVMs	SJGPEAKJVMS	The peak number of JVMs in the JVM pool.
Total number of JVM program requests	SJGREQSTOTAL	The total number of requests to run a Java program in a JVM.
Number of JVM requests with JVM initialised	SJGREQSINIT	The number of JVM program requests where the JVM was initialized.
Status of Java virtual machine (JVM) pool	STATUS	The status of the JVM pool: • ENABLED - The pool is enabled for use and Java programs can execute using JVMs from the pool. This is the normal status. • DISABLED - The pool is disabled, and new requests cannot be serviced from the pool. Programs can still be executing if they were started before the JVM pool became disabled.
Number of JVM requests with JVM mismatch	SJGREQSMISMA	The number of JVM program requests that required a reusable (continuous) JVM, but for which there was no JVM already initialized with the same JVM profile.
Number of JVM requests with JVM terminated	SJGREQSTERMI	The number of JVMs that have been terminated.
JVM LVL2 Trace control	JVMLVL2TRACE	The default option for JVM Level 2 trace, corresponding to trace level 31 of the SJ component. The default setting for this level of tracing maps to trace point level 2 for JVMs.

Table 94. Fields in JVMPOOL views (continued)

Field	Attribute name	Input values
Current worker (class cache) JVMs	SJGCURRCACHE	The number of JVMs currently in the pool that use the shared class cache. JVMs use the shared class cache if they were created using JVM profiles that specify CLASSCACHE=YES. This count includes both JVMs that are in use by a Java program, and JVMs that are awaiting reuse.
Peak worker (class cache) JVMs	SJGPEAKCACHE	The peak number of JVMs in the JVM pool that used the shared class cache.

JVM profile - JVMPROF

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

Supplied views

To access from the main menu, click:

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

Table 95. Views in the supplied **JVM Profile** *(JVMPROF) view set*

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

Actions

None.

Fields

Table 96. Fields in JVMPROF views

Field	Attribute name	Input values
Number of CICS key JVMs not resettable	CJVMSUNRESET	The number of CICS key JVMs that were not resettable. This field is not applicable for CICS TS 3.2 and later regions.
Current JVM profile USER key use count	UCURPROFUSE	The current use count for JVMs with an execution key of user.

Table 96. Fields in JVMPROF views (continued)

Field	Attribute name	Input values
Full path name of the HFS file	HFSNAME	The full path name of the HFS file for the JVM profile.
Peak Language Environment heap used (USER key)	ULEHEAPHWM	The peak Language Environment heap storage for user key JVMs with this profile.
JVM reuse status	REUSEST	Whether or not JVMs with this profile can be reused. The values are: • Reuse - JVMs are continuous • Noreuse - JVMs are single use • Reset - JVMs with this JVM profile are resettable. Valid only for CICS TS regions at Version 3.1 and before.
Class cache status	CLASSCACHEST	Specifies whether or not JVMs with this profile use the shared class cache. The values are: • CLASSCACHE - The JVM profile for this JVM specified the use of the shared class cache. • NOCLASSCACHE - The JVM profile for this JVM did not specify the use of the shared class cache.
Number of times USER key mismatch stealer	UMISMSTEALER	The number of times that an application's request for a user key JVM with this profile resulted in a mismatch or a steal.
Number of USER key JVMs not resettable	UJVMSUNRESET	The number of user key JVMs that were not resettable. This field is not applicable for CICS TS 3.2 and later regions.
Nonsystem heap peak for user key JVMs	UJVMHEAPHWM	The peak nonsystem heap storage used by user key JVMs in this profile
Peak JVM profile USER key use count	UPEAKPROFUSE	The peak number of user key JVMs with this profile that the JVM pool has contained.
Number of times USER key mismatch victim	UMISMAVICTIM	The number of times that a free user key JVM with this profile was taken, destroyed and re-initialized (mismatch), and if necessary its TCB was also destroyed and re-created (steal), in order to fulfil an application's request for a JVM with a different profile.

Table 96. Fields in JVMPROF views (continued)

Field	Attribute name	Input values
Times JVMs CICS key destroyed by 'SOS' action	CJVMDESTRSOS	The number of times that CICS key JVMs with this profile were destroyed due to a short-on-storage condition. When CICS is notified of a short-on-storage condition by its storage monitor for JVMs, it might destroy JVMs in the JVM pool that are not currently in use.
New USER key JVMs created	UNEWJVMSCRT	The number of new user key JVMs that were created with this profile.
Peak JVM profile CICS key use count	CPEAKPROFUSE	The peak number of CICS key JVMs with this profile that the JVM pool has contained.
Number of times CICS key mismatch stealer	CMISMSTEALER	The number of times that an application's request for a CICS key JVM with this profile resulted in a mismatch or a steal. In order to fulfil the application's request, a free JVM with another profile was destroyed and re-initialized (mismatch), and if necessary its TCB was also destroyed and re-created (steal).
JVM profile CICS key request count	CPROFILEREQS	The number of requests for JVMs with an execution key of CICS.
Times JVMs USER key destroyed by 'SOS' action	UJVMDESTRSOS	The number of times that user key JVMs with this profile were destroyed due to a short-on-storage condition.
Number of times CICS key mismatch victim	CMISMAVICTIM	The number of times that a free CICS key JVM with this profile was taken, destroyed and re-initialized (mismatch), and if necessary its TCB was also destroyed and re-created (steal), in order to fulfil an application's request for a JVM with a different profile. JVM profiles that are not often requested by applications are more likely to be victims of TCB mismatch or stealing, because JVMs created with such profiles spend longer waiting in the JVM pool to be reused.
JVM profile CICS -Xmx value	CPROFXMXVALU	The -Xmx parameter set in this JVM profile for CICS key JVMs. The -Xmx parameter specifies the maximum size of the nonsystem heap in the JVM.

Table 96. Fields in JVMPROF views (continued)

Field	Attribute name	Input values
Peak Language Environment heap used (CICS key)	CLEHEAPHWM	The peak Language Environment heap storage for CICS key JVMs with this profile.
JVM profile USER -Xmx value	UPROFXMXVALU	The -Xmx parameter set in this JVM profile for user key JVMs. The -Xmx parameter specifies the maximum size of the nonsystem heap in the JVM.
Current JVM profile CICS key use count	CCURPROFUSE	The current use count for JVMs with an execution key of CICS.
New CICS key JVMs created	CNEWJVMSCRT	The number of new CICS key JVMs that were created with this profile.
Name as used in a program definition	NAME	The name of the JVM profile.
JVM profile USER key request count	UPROFILEREQS	The number of requests for JVMs with an execution key of user.
Nonsystem heap peak for CICS key JVMs	CJVMHEAPHWM	The peak nonsystem heap storage used by CICS key JVMs with this profile.

JVM class cache - CLCACHE

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

Supplied views

To access from the main menu, click:

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

Table 97. Views in the supplied **JVM class cache** *(CLCACHE) view set*

View	Notes
JVM class cache EYUSTARTCLCACHE.TABULAR	Tabular information about shared class caches in the CICS address space.
JVM class cache EYUSTARTCLCACHE.FORCEPURGE	Stop and delete the shared class cache. All tasks using JVMs that are using the shared class cache are terminated by the SET TASK FORCEPURGE mechanism, and the JVMs are terminated. The shared class cache is deleted when all the JVMs that were using it have been terminated.
JVM class cache EYUSTARTCLCACHE.DETAILED	Detailed information about a selected shared class cache.

Table 97. Views in the supplied **JVM class cache** *(CLCACHE) view set (continued)*

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

Actions

Table 98. Actions available for CLCACHE views

Action	Description
FORCEPURGE	Stop and delete the selected shared class cache. All tasks using JVMs that use the shared class cache are terminated by the FORCEPURGE mechanism, and the JVMs are terminated. No more JVMs can use the shared class cache, and it is deleted when all the JVMs that were using it have been terminated.

Table 98. Actions available for CLCACHE views (continued)

Action	Description
PHASEOUT	Stop and delete the selected shared class cache. All JVMs using the shared class cache are marked for deletion. The JVMs are actually deleted when they finish running their current Java programs. No more JVMs can use the shared class cache, and it is deleted when all the JVMs that were using it have been terminated.
PURGE	Stop and delete the selected shared class cache. All tasks using JVMs that are using the shared class cache are terminated by the PURGE mechanism, and the JVMs are terminated. No more JVMs can use the shared class cache, and it is deleted when all the JVMs that were dependent on it have been terminated.
SET	Set the status of autostart for the shared class cache.
RELOAD	Reload the selected shared class cache. Perform this operation to create a new class cache when the status of the shared class cache is STARTED (the option works only if the shared class cache has been started). JVMs, both those that are already allocated to tasks and those that are allocated to tasks after you issue the command, continue to use the existing shared class cache until the new shared class cache is ready. When the new shared class cache is ready, subsequent requests for JVMs are given a JVM that uses the new cache. These new JVMs are started as they are requested by applications, and they replace the JVMs that are using the old shared class cache. The JVMs that are using the old shared class cache are allowed to finish running their current Java programs, and then they are terminated. The old shared class cache is deleted when all the JVMs that are using it have been terminated.
START	Start the selected shared class cache. Perform this operation to create a new class cache when the status of the shared class cache is STOPPED.

Fields

Table 99. Fields in CLCACHE views

Field	Attribute name	Input values
Size of the class cache in bytes	CACHESIZE	If the status of the shared class cache is Starting or Started, this is the size of the current shared class cache. If the status of the shared class cache is the shared class cache is Reloading, this is the size of the new shared class cache that is being loaded.

Table 99. Fields in CLCACHE views (continued)

Field	Attribute name	Input values
Autostart status	AUTOSTARTST	The status of autostart for the shared class cache. The values are: • Enabled – If the shared class cache has been stopped or has not yet been started on this CICS execution, the shared class cache is started as soon as CICS receives a request to run a Java application in a JVM whose profile requires the use of the shared class cache. • Disabled – If the shared class cache has been stopped or has not yet been started on this CICS execution, an explicit PERFORM CLASSCACHE Start command is required to start it. If the status of the shared class cache is Stopped and autostart is disabled, and CICS receives a request to run a Java application in a JVM whose profile requires the use of the shared class cache, the request fails.

Table 99. Fields in CLCACHE views (continued)

Field	Attribute name	Input values
Class cache status	STATUS	The status of the current shared class cache. The values are: • Started – The class cache is ready, and it can be used by JVMs. • Stopped – The class cache has either not been initialized on this CICS execution, or it has been stopped by a PERFORM CLASSCACHE Phaseout, Purge or Forcepurge command. If autostart is disabled, requests to run a Java application in a JVM whose profile requires the use of the shared class cache will fail. • Starting – The shared class cache is being initialized, either through the autostart facility or because an explicit Start command was issued. While the shared class cache is starting, JVMs that require the use of the shared class cache wait until the startup process is complete and the shared class cache is ready. If initialization of the shared class cache is unsuccessful, any waiting requests for JVMs that require the use of the shared class cache fail. • Reloading – A reload command has been issued, and a new shared class cache is being loaded to replace the existing shared class cache. While the shared class cache is reloading, JVMs, both those that were already allocated to tasks and those that were allocated to tasks after the command was issued, continue to use the existing shared class cache until the new shared class cache is ready.

Table 99. Fields in CLCACHE views (continued)

Field	Attribute name	Input values
JVM requests - class cache	JVMREQSCACHE	The total number of Java programs which requested a JVM that uses the shared class cache.
Number of JVMs dependent on the class cache	TOTALJVMS	The number of JVMs in the CICS region that are using a shared class cache. This includes both the JVMs that are using the current shared class cache, and any JVMs that are using an old shared class cache and are being phased out.
Number of class caches waiting for JVMs to terminate	OLDCACHES	The number of old shared class caches that are still present in the region because they are waiting for JVMs that are using them to be phased out. If the status of the current shared class cache is Stopped, and JVMs are still using it, then that shared class cache is included in the number of old shared class caches.
Profile used to start or used to reload the cache	PROFILE	displays the name of the JVM profile for the master JVM. If you are using the IBM SDK for z/OS, V5 to provide Java support, the shared class cache is not initialized by a master JVM, so this field is blank. When you are using the IBM SDK for z/OS, V1.4.2: • If the status of the shared class cache is STOPPED, this is the name of the JVM profile that will be used for a master JVM to start the shared class cache. • If the status of the shared class cache is STARTED, STARTING or RELOADING, this is the name of the JVM profile that was used for the last valid request to start or reload the shared class cache. This name is displayed even if the shared class cache fails to start or reload. The displayed JVM profile is used for the master JVM next time you issue the command to start or reload the shared class cache, unless you specify a different JVM profile using the PROFILE option.

Table 99. Fields in CLCACHE views (continued)

Field	Attribute name	Input values
JVM reuse status	REUSEST	indicates the reuse status of the JVMs that use the shared class cache. With the IBM SDK for z/OS, V1.4.2, this is also the reuse status of the master JVM that initializes the shared class cache. • Reuse – The JVMs that use the shared class cache, and if applicable, the master JVM are continuous. For CICS TS 3.2, JVMs associated with the shared class cache are always continuous (reusable) JVMs. • Reset – The master JVM and worker JVMs are resettable. • Unknown – The class cache is not started.
Number of JVMs being phased-out	PHASINGOUT	The number of JVMs that are using an old shared class cache, and are being phased out. If the status of the current shared class cache is Stopped, then any JVMs that are still using it are included in the number of JVMs being phased out.
Peak worker (class cache) JVMs	PEAKCACHEJVM	The peak number of JVMs in the JVM pool that used the shared class cache.
The time that the class cache was started	STARTTIME	The date and time when the current shared class cache was started.
Amount in bytes, of free space within the cache	CACHEFREE	The amount of free space in the shared class cache, in bytes (only valid for Java 1.4.2 shared class caches).

JVM status - JVM

The **JVM status** (JVM) views display information about Java virtual machines in the CICS address space.

Supplied views

To access from the main menu, click:

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

Table 100. Views in the supplied **JVM status** *(JVM) view set*

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

Actions

None.

Fields

Table 101. Fields in JVM views

Field	Attribute name	Input values
Task to which the JVM is allocated	TASK	The task to which the JVM is allocated.
Number of seconds since the JVM was initialized	AGE	The number of seconds since the JVM was initialized.
Phasing out status	PHASINGOUTST	Whether the JVM has been marked for deletion. The values are: • PHASEOUT - The JVM is being phased out. • NOPHASEOUT - The JVM is not being phased out. It is available for allocation, or will be available for allocation when the current allocation is ended.
Execution key of the JVM	EXECKEY	The execution key for the selected JVM. The values are: • CICSEXECKEY - The JVM executes in CICS key. • USEREXECKEY - The JVM executes in user key.
Java Virtual Machine	NAME	The JVM number, which uniquely identifies the JVM.
Profile used to initialize the JVM	PROFILE	The JVM profile for the selected JVM.
JVM reuse status	REUSEST	Whether or not the selected JVM can be reused. For CICS TS 3.2 and later regions, the values are: • REUSE - The JVM is continuous. • NOREUSE - The JVM is single use.
Number of seconds JVM has been allocated to task	ALLOCAGE	The number of seconds for which the JVM has been allocated to its task, or zero if the JVM is not currently allocated to a task.

Table 101. Fields in JVM views (continued)

Field	Attribute name	Input values
Class cache status	CLASSCACHEST	Whether the selected JVM uses the shared class cache. The values are: • CLASSCACHE - The JVM profile for this JVM specified the use of the shared class cache. • NOCLASSCACHE - The JVM profile for this JVM did not specify the use of the shared class cache.

Exit operations views

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

Global user exits - EXITGLUE

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

Supplied views

To access from the main menu, click:

CICS operations views > Exit operations views > Global user exits

Table 102. Views in the supplied **Global user exits** *(EXITGLUE) view set*

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

Actions

None.

Fields

Table 103. Fields in EXITGLUE views

Field	Attribute name	Input values
Exit name	EXITPOINT	Specifies the name of the CICS exit.
Number of global work area users	GAUSECOUNT	The number of exit programs that are using the global work area owned by this exit program.

Table 103. Fields in EXITGLUE views (continued)

Field	Attribute name	Input values
Name of exit which owns global work area	GAENTRYNAME	Specifies the name of the currently enabled global, or task-related, user exit program that owns the global work area being used by the exit specified in the entry name field. This field will not contain a value unless a global work area is being used and is owned by another exit program.
Entry name	ENTRY	Specifies the entry address of the global user exit program.
Length of global work area	GALENGTH	Specifies the length of the global work area for this exit program.
Entry name	ENTRYNAME	Specifies the name of the global user exit program. The value can be the same as the name of the load module, however a different value is returned when the load module contains more than one exit program.
Number of global exit points where exit is enabled	NUMEXITS	Specifies the number of global exit points where exit is enabled
Exit program availability status	STARTSTATUS	Identifies whether the exit program is available for execution. • STARTED - The exit program is available for execution. • STOPPED - The exit program is not available for execution.
Program name	PROGRAM	Specifies the name of the load module of the exit program.

Task related user exits - EXITTRUE

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

Supplied views

To access from the main menu, click:

CICS operations views > Exit operations views > Task related user exits

Table 104. Views in the supplied **Task related user exits** *(EXITTRUE) view set*

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

Actions

None.

Fields

Table 105. Fields in EXITTRUE views

Field	Attribute name	Input values
Format execution diagnostic facility (EDF) status	FORMATEDFST	Indicates whether FORMATEDF was specified on the ENABLE command. • FORMATEDF - On • NOFORMATEDF - Off • NOTAPPLIC - This is a global user exit
Connect status	CONNECTST	This is valid for task-related user exits only and indicates the state of the connection between the exit and the external resource manager that it support • CONNECTED - The task-related user exit is connected to its external resource manager subsystem, and API requests can be issued. • NOTAPPLIC - The exit is not a task-related user exit. • NOTCONNECTED - The task-related user exit is not connected to its external resource manager subsystem, and therefore API requests cannot be issued. • UNKNOWN - The task-related user exit has been enabled and started, but not enabled for SPI requests. UNKNOWN can also be returned if CICS is unable to call the task related user exit. In both of these cases, CICS cannot tell whether it is connected to its external resource manager.
Name of exit owning global work area	GAENTRYNAME	Specifies the name of the currently enabled global, or task-related, user exit program that owns the global work area being used by the exit specified in the entry name field. This field will not contain a value unless a global work area is being used and is owned by another exit program.

Table 105. Fields in EXITTRUE views (continued)

Field	Attribute name	Input values
Exit CICS shutdown status	SHUTDOWNST	Specifies whether the task-related user exit is invoked when CICS shutdown occurs. • NOSHUTDOWN - The task-related user exit is not invoked. • NOTAPPLIC - Not applicable. • SHUTDOWN - The task-related user exit is invoked when CICS shutdown occurs.
Entry name	ENTRY	Specifies the entry-point address of the task-related user exit program
Exit-enabled-for-(SPI) calls option	SPIST	Indicates whether the task-related user exit is enabled for SPI calls. • NOSPI - The exit is not enabled for SPI. • NOTAPPLIC - The exit being inquired upon is a global user exit. This occurs only when the INQUIRE command is explicitly for a global user exit • SPI - The exit is enabled for SPI.
Exit program availability status	STARTSTATUS	Identifies whether the exit program is available for execution. • STARTED - The exit program is available for execution. • STOPPED - The exit program is not available for execution.
Purgeable status	PURGEABLEST	Indicates whether or not the task-related user exit can be purged. • PURGEABLE - The task-related user exit program can be purged. • NOTPURGEABLE - The task-related user exit program cannot be purged and must be force purged. • NOTAPPLIC - The information is not applicable to this release of CICS.

Table 105. Fields in EXITTRUE views (continued)

Field	Attribute name	Input values
Open API status	APIST	Indicates which APIs the task-related user exit uses. • BASEAPI - The task-related user exit program is enabled as either QUASIRENT or THREADSAFE, but without the OPENAPI option. This means it is restricted to the CICS permitted programming interfaces. • OPENAPI - The task-related user exit program is enabled with the THREADSAFE and OPENAPI options. This means that it is permitted to use non-CICS API in a threadsafe manner, for which purpose CICS gives control to the task-related user exit under an open TCB • NOTAPPLIC - Not applicable.
Number of work area users	GAUSECOUNT	Specifies the number of users of the work area
SPI qualifier	QUALIFIER	This returns, for a task-related user exit that is enabled for SPI calls, the 8-character qualifier returned by the exit. For global user exits and task-related user exits that are not enabled for SPI calls, returns blanks.
Length of local work area	TALENGTH	Indicates the length of a local (task-related) work area.
Entry name	ENTRYNAME	Specifies the name of the global or task-related user exit program. The value can be the same as the name of the load module, however a different value is returned when the load module contains more than one exit program.
Length of global work area	GALENGTH	Specifies the length of the global work area for this exit program.

Table 105. Fields in EXITTRUE views (continued)

Field	Attribute name	Input values
Concurrency type	CONCURRENTST	Indicates the concurrency status of the task-related user exit program specified by the latest Enable command for this program. • QUASIRENT - The task-related user exit program is defined as being quasi-reentrant and is only able to run under the CICS QR TCB when invoking CICS services through the CICS API. To use any MVS services, this task-related user exit program must switch to a privately-managed TCB.. • THREADSAFE - The program is defined as threadsafe, and is able to run under whichever TCB is in use by its user task when the program is given control. • NOTAPPLIC - The exit is not a task-related user exit.
INDOUBTWAIT enabled status	INDOUBTST	Indicates whether the task-related user exit is enabled with the INDOUBTWAIT keyword. • NOTAPPLIC - The exit being inquired upon is a global user exit. • NOWAIT - The exit is not enabled with the INDOUBTWAIT keyword. • WAIT - The exit is enabled with the INDOUBTWAIT keyword.
Program name	PROGRAM	Specifies the name of the load module of the exit program.
Start and end of task invocation status	TASKSTART	Indicates whether the exit program is set to be invoked automatically at the start and end of every task. • NOTASKSTART - The exit program is not set to invocation at the start and end of every task. • NOTAPPLIC - Not applicable. • TASKSTART - The exit program is set for invocation at the start and end of every task.

FEPI operations views

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

Connections - FEPICONN

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

Supplied views

To access from the main menu, click:

CICS operations views > FEPI operations views > Connections

Table 106. Views in the supplied **FEPI connections** *(FEPICONN) view set*

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

Actions

Table 107. Actions available for FEPICONN views

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

Fields

Table 108. Fields in FEPICONN views

Field	Attribute name	Input values
Conversation status	STATE	A 12-character value identifying the state of the conversation using the connection. The values are: • APPLICATION - A normal application task owns the conversation • BEGINSESSION - A begin-session handling task owns the conversation • FREE - An end-session handling task owns the conversation, following a FEPI FREE command • NOCONV - No conversation is active on the connection • PENDBEGIN - A begin-session handling task has been scheduled • PENDDATA - FEPI is waiting for inbound data, following a FEPI START command • PENDFREE - An end-session handling task has been scheduled, following a FEPI FREE command • PENDPASS - The conversation is unowned, following a FEPI FREE PASS command • PENDRELEASE - An end-session handling task has been scheduled, following an unbind request • PENDSTART - Inbound data having arrived, a task specified by FEPI START has been scheduled • PENDSTSN - An STSN-handling task has been scheduled • PENDUNSOL - An unsolicited-data handling task has been scheduled • RELEASE - An end-session handling task owns the conversation, following an unbind request • STSN An STSN-handling task owns the conversation • UNSOLDATA - An unsolicited-data handling task owns the conversation

Table 108. Fields in FEPICONN views (continued)

Field	Attribute name	Input values
Number of conversations waiting for connection	WAITCONVNUM	The total number of conversations waiting for this connection
Sense code from last REQSESS request	LASTACQCODE	The result of the last acquire request for the connection; that is, the sense code from the last VTAM REQSESS, zero indicating success
Number of error conditions	ERRORS	The total number of VTAMB. error conditions raised for this connection
Number of receive timeouts	RECVTIMEOUT	The total number of times a FEPI RECEIVE timed-out on this connection
Number of characters received	CHARSRECVD	The total number of characters of data received on this connection
Target name	TARGETNAME	The target identifying the connection
Node name	NODENAME	The name of the node identifying a connection
Pool name	POOLNAME	The FEPI pool name
Number of conversations	CONVERSATNS	The total number of conversations that have used this connection
Connections install status	INSTLSTATUS	Specifies whether the resource is installed, or is in the process of being discarded, waiting for the conversations that are using it to end. Input values: INSTALLED, NOTINSTALLED
Number of characters sent	CHARSSENT	The total 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. Values are : ACQUIRED, ACQUIRING, RELEASED or RELEASING
Number of unsolicited inputs	UNSOLICINP	The total number of times unsolicited input was received on this connection
Number of acquires	ACQUIRES	The total number of times the connection has been acquired
User data for connection	USERDATA	The user data for the connection

Table 108. Fields in FEPICONN views (continued)

Field	Attribute name	Input values
Connection service status	SERVSTATUS	Specifies the service status of the connection; that is, whether it can be used for a conversation. The service status can be INSERVICE to allow usage, or to OUTSERVICE to stop usage for any new conversation. Note that setting OUTSERVICE does not end any existing conversations that are using the resource; the status is GOINGOUT until the existing conversations end.

Nodes - FEPINODE

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

Supplied views

To access from the main menu, click:

CICS operations views > FEPI operations views > Nodes

Table 109. Views in the supplied **FEPI nodes** *(FEPINODE) view set*

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

Actions

Table 110. Actions available for FEPINODE views

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

Fields

Table 111. Fields in FEPINODE views

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

Pools - FEPIPOOL

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

Supplied views

To access from the main menu, click:

CICS operations views > FEPI operations views > Pools

Table 112. Views in the supplied **FEPI pools** *(FEPIPOOL) view set*

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

Actions

Table 113. Actions available for FEPIPOOL views

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

Fields

Table 114. Fields in FEPIPOOL views

Field	Attribute name	Description
Begin-session transaction	BEGINSESSION	The name of the transaction performing begin-session processing, or blanks if no transaction was specified
Number of connections	CONNECTIONS	The number of connections in the pool

Table 114. Fields in FEPIPOOL views (continued)

Field	Attribute name	Description
Begin-bracket contention resolution	CONTENTION	A data value specifying what happens when a FEPI SEND command is issued and there is inbound data with 'begin bracket'
Current number of allocates	CURALLCS	The number of conversations that have been allocated from this pool
Current number of allocates waiting	CURALLCWAIT	The current number of conversations waiting to be allocated
Device type	DEVICE	A data value that identifies the mode of conversation and the type of device: T3278M2, T3278M3, T3278M4, T3278M5, T3279M2, T3279M3, T3279M4, T3279M5, TPS55M2, TPS55M3, TPS55M4, or LUP
End-session transaction	ENDSESSION	The name of the transaction performing end-session processing, or blanks if no transaction was specified
TDQ queue holding exceptions	EXCEPTIONQ	The name of the transient data queue to which exceptional events are notified, or blanks if no queue was specified.
Journal name	FJOURNALNAME	The name of the journal where data is to be logged
Journal number	FJOURNALNUM	The number of the journal where data is to be logged. If the journal does not have a number, 0 is displayed. A journal without a number will have a journal name
Data format option	FORMAT	A value that identifies the data format: FORMATTED, DATASTREAM or NOTAPPLIC
Initial inbound data status	INITIALDATA	A value indicating whether initial inbound data is expected when a session is started. Values are NOTINBOUND or INBOUND
Pool install status	INSTLSTATUS	The install state of the pool: INSTALLED, or NOTINSTALLED
Maximum length of returned data	MAXFLENGTH	The maximum length of the data that can be returned on any FEPI RECEIVE, CONVERSE, or EXTRACT FIELD command for a conversation, or that is to be sent by any FEPI SEND or CONVERSE command for a conversation

Table 114. Fields in FEPIPOOL views (continued)

Field	Attribute name	Description
Message journalling status	MSGJRNL	A value indicating whether journaling is performed for inbound and outbound data. Values are: NOMSGJRNL, INPUT, OUTPUT, or INOUT
Number of nodes	NODES	The current number of nodes in the pool
Peak number of concurrent allocates	PEAKALLCS	The peak number of concurrent conversations allocated from this pool
Peak number of allocates waiting	PEAKALLCWAIT	The peak number of conversations that had to wait to be allocated
Peak number of connections	PEAKCONNS	The peak number of concurrent connections allocated from this pool
Pool name	POOLNAME	The name of the pool
Property set name	PROPERTYSET	The name of the set of properties with which the pool was installed
Pool service status	SERVSTATUS	The service state of the pool: INSERVICE, OUTSERVICE, or GOINGOUT Input values are: INSERVICE, OUTSERVICE
Set and test sequence-number (STSN) transaction	STSN	The name of the transaction handling STSN data, or blanks if no transaction was specified
Number of targets	TARGETS	The current number of targets in the pool
Total number of allocates that timed out	TOTALLOCTOUT	The number of conversation allocates that timed out
Total number of allocates that waited	TOTALLOCWAIT	The number of conversations that had to wait to be allocated
Unsolicited data transaction	UNSOLDATA	The name of the transaction handling unsolicited data, or blanks if no transaction was specified.
Unsolicited-data bid-acknowledgement	UNSOLDATACK	Indicates what acknowledgment FEPI gives to a BID if no unsolicited data processing. Values are: NEGATIVE, POSITIVE or NOTAPPLIC.
Pool user data	USERDATA	User data for the pool
Number of conversations waiting	WAITCONVNUM	The current number of conversations waiting to be allocated

Property sets - FEPIPROP

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

Supplied views

To access from the main menu, click:

CICS operations views > FEPI operations views > Property sets

Table 115. Views in the supplied **FEPI property sets** *(FEPIPROP) view set*

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

Actions

Table 116. Actions available for FEPIPROP views

Action	Description
DISCARD	Discard a property set.

Fields

Table 117. Fields in FEPIPROP views

Field	Attribute name	Input values
Unsolicited data transaction	UNSOLDATA	The name of the transaction handling unsolicited data, or blanks if no transaction was specified.
Unsolicited data response	UNSOLDATACK	Indicates what acknowledgment FEPI gives to a BID if no unsolicited data processing. Values are: NEGATIVE, POSITIVE, or NOTAPPLIC
Device type	DEVICE	A data value that identifies the mode of conversation and the type of device. Values are: T3278M2, T3278M3, T3278M4, T3278M5, T3279M2, T3279M3, T3279M4, T3279M5, TPS55M2, TPS55M3, TPS55M4, or LUP
Journal number	FJOURNALNUM	The number of the journal where data is to be logged. If the journal does not have a number, 0 is displayed. A journal without a number will have a journal name.

Table 117. Fields in FEPIPROP views (continued)

Field	Attribute name	Input values
Maximum length of returned data	MAXFLENGTH	The maximum length of the data that can be returned on any FEPI RECEIVE, CONVERSE, or EXTRACT FIELD command for a conversation, or that is to be sent by any FEPI SEND or CONVERSE command for a conversation
Initial-inbound-data option	INITIALDATA	A value indicating whether initial inbound data is expected when a session is started. Values are : NOTINBOUND or INBOUND
Data format	FORMAT	A value that identifies the data format. Values are: FORMATTED, DATASTREAM or NOTAPPLIC
Journal status	MSGJRNL	A value indicating whether journaling is performed for inbound and outbound data. Values are: NOMSGJRNL, INPUT, OUTPUT or INOUT
Journal name	FJOURNALNAME	The name of the journal where data is to be logged
Begin-session transaction	BEGINSESSION	The name of the transaction performing begin-session processing, or blanks if no transaction was specified
TDQ queue holding exceptions	EXCEPTIONQ	The name of the transient data queue to which exceptional events are notified, or blanks if no queue was specified
Property set name	PROPERTYSET	The name of the property set
Contention resolution result	CONTENTION	A data value specifying what happens when a FEPI SEND command is issued and there is inbound data with 'begin bracket
End-session transaction	ENDSESSION	The name of the transaction performing end-session processing, or blanks if no transaction was specified
Set and test sequence numbers (STSN) transaction	STSN	The name of the transaction handling STSN data, or blanks if no transaction was specified

Targets - FEPITRGT

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

Supplied views

To access from the main menu, click:

CICS operations views > FEPI operations views > Targets

Table 118. Views in the supplied **FEPI targets** *(FEPITRGT) view set*

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

Actions

Table 119. Actions available for FEPITRGT views

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

Fields

Table 120. Fields in FEPITRGT views

Field	Attribute name	Input values
Total number of allocates that waited	TOTALLOCWAIT	The number of conversations that had to wait to be allocated to this target in this pool
Current number of allocates waiting	CURALLCWAIT	The current number of conversations waiting to be allocated to this target in this pool
Target name	TARGETNAME	The name of the target
VTAM applid of back end system	APPLID	The VTAM application name of the back-end system that the target system represents

Table 120. Fields in FEPITRGT views (continued)

Field	Attribute name	Input values
Pool name	POOLNAME	The name of the pool in which the target is located
Install status	INSTLSTATUS	The install state of the pool: INSTALLED, or NOTINSTALLED
Total number of allocates that timed out	TOTALLOCTOUT	The number of conversations specifically allocated to this target in this pool that timed out.
Number of nodes	NODES	The number of nodes connected to this target
Total number of allocates	ALLOCATES	The number of conversation allocates to this target in this pool that timed out
Peak number of allocates waiting	PEAKALLCWAIT	The peak number of conversations that had to wait to be allocated to this target in this pool
Target user data	USERDATA	User data for the target.
Service status	SERVSTATUS	The service state of the target. Values are: INSERVICE, OUTSERVICE or GOINGOUT

File operations views

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

Coupling facility data table pools - CFDTPOOL

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

Supplied views

To access from the main menu, click:

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

Table 121. Views in the supplied **Coupling facility data table pools** *(CFDTPOOL) view set*

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

Actions

None.

Fields

Table 122. Fields in CFDTPOOL views

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

Managed data tables - CMDT

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

Supplied views

To access from the main menu, click:

CICS operations views > File operations views > Managed data tables

Table 123. Views in the supplied **Managed data tables** *(CMDT) view set*

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

Actions

Table 124. Actions available for CMDT views

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

Fields

Table 125. Fields in CMDT views

Field	Attribute name	Input values
Number of active strings	NUMACTSTRING	The number of currently active VSAM strings
Total storage allocated (kilobytes)	STGALCTOT	The total amount of storage allocated to the data table file in kilobytes
Total number of records not found in table	RECNOTFND	The number of times API READ requests were directed to the source data set because the record was not found in the data table file.

Table 125. Fields in CMDT views (continued)

Field	Attribute name	Input values
Disposition of associated data set	DISPOSITION	The disposition of the data table file. Input Values: OLD, SHARE
Number of data buffers	NUMDATBUFF	The number of storage buffers allocated for data.
Number of add requests rejected by user exit	ADDREJ	The number of records CICS attempted to add to the data table file that were rejected by the global user exit
Number of REWRITE requests	UPDATECNT	The number of PUT UPDATE requests issued against this data table file
Number of REWRITE requests	REWRITE	The number of attempts to update records in the data table file as a result of REWRITE requests
CFDT table name	TABLENAME	For MVS Coupling Facility Data Tables, this is the name of CFDT Table which the file is loaded into
Peak concurrent requests queued - strings in use	WSTRCCURCNT	The peak number of concurrent requests queued - strings in use
Number of READNEXT and READPREV requests	BROWSECNT	The number of GET NEXT and GET PREV requests issued against this data table file
Data set name	DSNAME	The 44-character name of the data set associated with this data table file, as defined to the access method and to the operating system. Input Values: Any valid data set name
Number of index buffers	NUMINDEXBUFF	The number of storage buffers allocated for the index
Number of I/O operations on data component	DEXCPCNT	The number of I/O operations on the data table file for data records
File ID	FILE	The name of the data table file
Browse option	BROWSE	Indicates whether records in the data table file can be browsed. Input Values: BROWSABLE, NOTBROWSABLE
Key length	KEYLENGTH	The length of the key
Recovery type	RECOVSTATUS	Indicates whether the data table file is recoverable. Values are: RECOVERABLE or NOTRECOVABLE

Table 125. Fields in CMDT views (continued)

Field	Attribute name	Input values
Storage allocated for index (kilobytes)	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 wait
Type of VSAM data set	VSAMTYPE	The type of data set associated with this data table file as one of the following: • ESDS - VSAM entry-sequenced data set • KSDS - VSAM key-sequenced data set • RRDS - VSAM relative record data set
Number of strings	STRINGS	The total number of operations that can be performed on the data table file at one time. Input Values: 1 - 255
CFDT pool name	POOLNAME	For MVS Coupling Facility Data Tables, this is the name of CFDT Pool which the table is constructed in
Storage in use for record entry blocks (KB)	STGENTINU	The amount of storage in use for the data table file's record entry blocks in kilobytes
Number of records added from WRITE requests	ADDREQ	The number of attempts to add records to the data table file as a result of API WRITE requests
Number of DELETE requests	DELETEREQ	The number of attempts to delete records from the data table file as a result of DELETE requests
Maximum table size	MAXTSIZE	The highest number of records in the data table file at any one time
Storage allocated for record entry blocks (KB)	STGENTTOT	The total amount of storage allocated for the data table file's record entry blocks in kilobytes

Table 125. Fields in CMDT views (continued)

Field	Attribute name	Input values
Maximum number of records table can hold	MAXNUMRECS	This is maximum number of records that the data table file can hold in the range from 0 to 99,999,999. A value of 0 implies that the table has no logical limit to its size, although in practical terms there is an architectural system limit of 2,147,483,647. Care should be taken when specifying 'NOLIMIT', because a transaction in a runaway task state will not be prevented from filling up storage in the Coupling Facility Dataspace. Input Values: 0 - 99,999,999
Storage in use for index (kilobytes)	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. Input Values: OPEN, CLOSED
Record format	RECORDFORMAT	The format of the records in the data table file: Values are: FIXED, VARIABLE, or UNDEFINED
Delete option	DELETE	Indicates whether records can be deleted from the data table file. Input Values: DELETABLE, NOTDELETABLE
GMT file open time	GMTFILEOPN	The GMT store clock time at which the data table file was opened
Storage in use for record data (kilobytes)	STGDTAINU	The amount of storage in use for the data table file's record data in kilobytes
Number of add requests rejected when table full	ADDTFULL	The number of records CICS attempted to add to the data table file that were rejected because the table already contained the maximum allowable number of records
Total storage in use (kilobytes)	STGALCINU	The amount of storage in use for the data table file in kilobytes
Number of I/O operations on index component	IEXCPCNT	The number of I/O operations on the data table file for index records.
Number of successful reads	READS	The number of attempts to retrieve records from the data table file that were successful

Table 125. Fields in CMDT views (continued)

Field	Attribute name	Input values
GMT file close time	GMTFILECLS	The GMT store clock time at which the data table file was closed.
Current number of records in data table file	CURCOUNT	The current number of records in the data table file
Number of read retries	READRETRY	The number of times reads in an AOR had to be retried because the FOR changed the table during the read
Forward recovery option	FWDRECSTATUS	Indicates whether the data table file is forward-recoverable. Values are FWDRECOVABLE or NOTFWDRCVBLE
Key position	KEYPOSITION	The starting position of the key field in each record relative to the beginning of the record
Total requests queued because strings in use	WSTRCNT	The total number of requests queued because strings are in use
Update option	UPDATE	Indicates whether records in the data table file can be updated. Input Values: UPDATABLE, NOTUPDATABLE
Journal number	JOURNALNUM	The identifier of the journal associated with this data table file. An ID of 1 identifies the CICS system log. A value of 0 means there is no journal associated with this data table file
CFDT update model	UPDATEMODEL	The type of update model that is associated with the file: • LOCKING - The coupling facility data table is updated using the locking model. • CONTENTION - The coupling facility data table is updated using the contention model. • NOTAPPLIC - The file does not refer to a coupling facility data table and UPDATEMODEL on the file resource definition does not specify a value. The Load specification for the dataset associated with this Table (actioned by CFTABLE only): • NOLOAD - No dataset load is required. • LOAD - The associated dataset is to be loaded into the table when it is first opened.

Table 125. Fields in CMDT views (continued)

Field	Attribute name	Input values
CFDT load type	LOADTYPE	The Load specification for the data set associated with this Table (actioned by CFTABLE only): • NOLOAD - No data set load is required. • LOAD - The associated data set is to be loaded into the table when it is first opened • NOTAPPLIC - Not applicable.
Local time file was opened	TIMEOPEN	The local time at which the data table file was opened
Local shared resources pool ID	LSRPOOLID	The identifier of the local shared resources (LSR) pool associated with this data table file. Input Values: 1 - 8
Data set type	DATASETTYPE	The type of data set associated with this data table file as one of the following: • B - BDAM data set • E - VSAM entry-sequenced data set (ESDS) • K - VSAM key-sequenced data set (KSDS) • P - VSAM path accessed by an alternate index • R - VSAM relative record data set (RRDS)
Type of data table	TABLE	Indicates whether the data table associated with the file is a CICS-maintained, user-maintained, or CF-maintained table. Valid values are: • CICSTABLE • USERTABLE • CFTABLE • NOTTABLE To change the Table Type attribute requires that the file be in a CLOSED state, with an ENABLESTATUS of either DISABLED or UNENABLED, and they do not take effect until the file is next opened
Local time file was closed	TIMECLOSE	The local time at which the data table file was closed
Number of records added to table by READ requests	ADDFRREAD	The number of records placed in the data table file by the loading process or as a result of API READ requests issued while loading was in progress

Table 125. Fields in CMDT views (continued)

Field	Attribute name	Input values
Number of WRITE requests	ADDCNT	The number of PUT requests issued against this data table file
	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 or close command. • UNENABLED - Not available for access, as a result of a close command. • UNENABLING - A request to close the file has been received, but tasks are executing that had previously accessed the file. These tasks are allowed to complete their use of the file, but new tasks are not allowed access.
Number of READ UPDATE requests	GETUPDCNT	The number of GET UPDATE requests issued against this 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
Storage allocated for record data (kilobytes)	STGDTATOT	The total amount of storage allocated for the data table file's record data in kilobytes
Number of DELETE requests	LOCDELCNT	The number of DELETE requests issued against this data table file
Add option	ADD	Indicates whether new records can be added to the data table file. Input Values: ADDABLE, NOTADDABLE
Number of CFDT contentions	CONTENTION	The number of times a read from a Data Table resulted in a contention arising on the CFDT Server
Number of READ requests	GETCNT	The number of GET requests issued against this data table file
Read option	READ	Indicates whether records can be read from the data table file Input Values: READABLE, NOTREADABLE

Physical data sets for files - DSNAME

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

Supplied views

To access from the main menu, click:

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

Table 126. Views in the supplied **Physical data sets for files** *(DSNAME) view set*

View	Notes
Physical data sets for files EYUSTARTDSNAME.REMOVE	Remove the association between a data set and a CICS system and deallocate the data set. A data set can be removed only if its file count is 0 and its backout status is NORMALBKOUT.
Physical data sets for files EYUSTARTDSNAME.TABULAR	Tabular information about currently installed data sets
Physical data sets for files EYUSTARTDSNAME.DETAILED	Detailed information about a selected data set
Physical data sets for files EYUSTARTDSNAME.SET	Set data set attributes according to new values specified in input fields
Physical data sets for files EYUSTARTDSNAME.FORCE	Force shunted UOWs holding locks on the specified data set to back out or commit
Physical data sets for files EYUSTARTDSNAME.QUIESCE	Quiesce the data set when all units of work that are accessing the data set have reached syncpoint. You can set the data set **Busy value** to WAIT or NOWAIT.
Physical data sets for files EYUSTARTDSNAME.COMMIT	Commit shunted UOWs holding locks on the specified data set
Physical data sets for files EYUSTARTDSNAME.UNQUIESCE	Mark the data set as unquiesced. RLS or non-RLS ACBs can be opened. Subsequent open ACB requests are permitted in the same mode as the first open ACB. You can set the data set **Busy value** to WAIT or NOWAIT.
Physical data sets for files EYUSTARTDSNAME.BACKOUT	Back out shunted UOWs holding locks on the specified data set.

Table 126. Views in the supplied **Physical data sets for files** *(DSNAME) view set (continued)*

View	Notes
Physical data sets for files EYUSTARTDSNAME.IMMQUIESCE	Quiesce the data set immediately. All existing CICS open RLS ACBs are closed, all units of work accessing the data set are abended, the file state (if it is ENABLED) is set to UNENABLED, and the data set is marked as closed. You can set the data set Busy value to WAIT or NOWAIT. Any tasks currently using the data set are immediately terminated, using the CICS task FORCEPURGE.

Actions

Table 127. Actions available for DSNAME views

Action	Description
REMOVE	Remove the association between a data set and a CICS system and deallocate the data set. A data set can be removed only if its file count is 0 and its backout status is NORMALBKOUT.
UNQUIESE	Unquiesce (deprecated)
QUIESE	Quiesce (deprecated)
SET	Set data set attributes according to new values specified in input fields
FORCE	Force shunted UOWs holding locks on the specified data set to back out or commit
QUIESCE	Quiesce the data set when all units of work that are accessing the data set have reached syncpoint. You can set the data set **Busy value** to WAIT or NOWAIT.
COMMIT	Commit shunted UOWs holding locks on the specified data set
UNQUIESCE	Mark the data set as unquiesced. RLS or non-RLS ACBs can be opened. Subsequent open ACB requests are permitted in the same mode as the first open ACB. You can set the data set **Busy value** to WAIT or NOWAIT.
IMMQUIESE	Immediate quiesce (deprecated)
BACKOUT	Back out shunted UOWs holding locks on the specified data set.
IMMQUIESCE	Quiesce the data set immediately. All existing CICS open RLS ACBs are closed, all units of work accessing the data set are abended, the file state (if it is ENABLED) is set to UNENABLED, and the data set is marked as closed. You can set the data set Busy value to WAIT or NOWAIT. Any tasks currently using the data set are immediately terminated, using the CICS task FORCEPURGE.

Fields

Table 128. Fields in DSNAME views

Field	Attribute name	Input values
Physical data sets for files	DSNAME	The name of the data set.
Data set type	OBJECT	For VSAM data sets, indicates whether this data set is a base data set containing records (BASE), a path to another data set (PATH), or (NOTAPPLIC) if the dataset has not been opened by this CICS region, or if it is a BDAM dataset.
Type of backup	BACKUPTYPE	Indicates the type of backup used for this data set. Values are: • DYNAMIC - The data set is eligible for 'backup while open' (BWO) processing; that is, a data set manager with the required function can take a backup of the data set while it is open for output. The data set can also be backed up while it is closed. The data set is eligible for BWO and it is accessed in non-RLS mode. If the data set is opened in RLS mode, you need to look in the VSAM catalog to find out whether the data set is eligible for BWO. NOTAPPLIC is returned as the BACKUPTYPE for data sets opened RLS mode. • NOTAPPLIC - The data set has not been opened by the CICS region in which the command is issued, or the data set is BDAM or a VSAM PATH. Also, if the data set has been opened in RLS mode, NOTAPPLIC is returned. The VSAM catalog should be referred to get the BWO status. • STATIC - The data set is accessed in non-RLS mode, and is not eligible for BWO processing. All CICS files open for output against this data set must be closed before a data set manager, can take a backup copy. • UNDETERMINED - Returned for base files if RECOVSTATUS is UNDETERMINED.

Table 128. Fields in DSNAME views (continued)

Field	Attribute name	Input values
Availability status	AVAILABILITY	For VSAM data sets, indicates whether or not the data set is available. Input Values: AVAILABLE, UNAVAILABLE
Journal number	FWDRECOVLOG	For VSAM data sets with a recovery status of FWDRECOVABLE, the ID of the journal that is used to log updates.
Base data set name	BASEDSNAME	For a VSAM path, the name of the base data set with which the path is associated. For a VSAM base data set, this name is the same as the primary data set name.
Retained record locks status	RETLOCKS	Indicates whether or not there are any retained locks as a result of deferred recovery work for this data set. Valid values are: RETAINED, NORETAINED.
Recovery status	RECOVSTATUS	Indicates the recovery characteristics of the data set as follows: • FWDRECOVABLE - All updates to the data set are logged for both backout and forward recovery • NOTAPPLIC - This is a BDAM data set or a VSAM path, or the data set has not been opened by the CICS region in which the command is issued. • NOTRECOVABLE - Updates to the data set are not logged. • RECOVERABLE - All updates to the data set are logged for backout. • UNDETERMINED - The recovery status is unknown because no files associated with this data set have been opened, or because the only files opened were defined as coupling facility data tables or as user-maintained data tables (where the recovery attributes are independent of the associated data set).

Table 128. Fields in DSNAME views (continued)

Field	Attribute name	Input values
Data set validity status	VALIDITY	For VSAM data sets, indicates whether the data set name has been validated against the VSAM catalog by opening a file against that data set (VALID or INVALID). If this value is INVALID, the recovery status of the data set cannot be determined.
Access method	ACCESSMETHOD	The access method used with this data set: BDAM, VSAM, or NOTAPPLIC.
	FILECOUNT	The number of different file definitions that currently refer to this data set name. This value does not indicate whether any of the files have used the data set during this CICS session.
Forward recovery log stream name	FWDRECOVLSN	For VSAM data sets with a recovery status of FWDRECOVABLE, the ID of the journal that is used to log updates.
Record level sharing (RLS) quiesce state	QUIESCESTATE	The RLS quiesce state of the data set. The information is obtained from the ICF catalog entry for the data set. Valid input values are: • Quiesced - A data set has been quiesced. RLS ACBs cannot open against the data set and no CICS region has an RLS ACB currently open against this data set. However, the data set can be opened in non-RLS mode. • Unquiesced - This is the normal value for a data set that is not quiescing or has not been quiesced. It indicates that RLS or non-RLS ACBs can be opened against the data set, the mode being established by the first open. After an ACB is opened in one mode, other ACBs can be opened only in the same mode.
Backout status	BKOUTSTATUS	For VSAM data sets, indicates the backout status of the data set as one of: NORMALBKOUT, FAILEDBKOUT , FAILINGBKOUT, or NOTAPPLIC

Table 128. Fields in DSNAME views (continued)

Field	Attribute name	Input values
Lost locks status	LOSTLOCKS	Indicates whether there are lost locks for this data set. The valid values are: • NOLOSTLOCKS - The data set has no lost locks. • REMLOSTLOCKS - .The data set has lost locks. • RECOVERLOCKS - The data set has lost locks and therefore is unavailable. • NOTAPPLIC - This is not an RLS data set, or the data set has not been opened by the CICS region in which the command is issued.

Local files - LOCFILE

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

Supplied views

To access from the main menu, click:

CICS operations views > > Local files

Table 129. Views in the supplied **Local files** *(LOCFILE) view set*

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

Actions

Table 130. Actions available for LOCFILE views

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

Fields

Table 131. Fields in LOCFILE views

Field	Attribute name	Description
Access method	ACCESSMETHOD	The access method used for this file: BDAM or VSAM
Add option	ADD	Indicates whether new records can be added to the file Input Values: ADDABLE, NOTADDABLE
Number of WRITE requests	ADDCNT	The number of PUT requests issued against this local file.
Base data set name	BASEDSNAME	For a file defined to CICS as a path, the name of the VSAM base data set. For a file defined as a base, this name is the same as the primary data set name.
Block format (BDAM only)	BLOCKFORMAT	Indicates whether records on the file are blocked or unblocked
Block key length (BDAM only)	BLOCKKEYLN	For BDAM files, the physical block key length as a decimal number in the range 1 - 255. A value of N/A means the file is not a BDAM file.
Block size (BDAM only)	BLOCKSIZE	For BDAM files, the length of a block in bytes. If the blocks are variable-length or are undefined, the value displayed is the maximum block size. A value of N/A means the file is not a BDAM file.
Browse option	BROWSE	Indicates whether records can be sequentially retrieved from the file. Input Values: BROWSABLE, NOTBROWSABLE

Table 131. Fields in LOCFILE views (continued)

Field	Attribute name	Description
Number of READNEXT and READPREV requests	BROWSECNT	The number of READNEXT and READPREV requests issued against the file.
Number of browse for update requests	BROWUPDCNT	The number of GET NEXT, GET PREV, and PUT UPDATE requests issued against this local file.
Data set type	DATASETTYPE	Indicates how the records are organized in the data set associated with the file. For VSAM files, the type is identified as one of the following: • ESDS - Entry-sequenced data set • KSDS - Key-sequenced data set • RRDS - Relative record data set For BDAM files, the type is either KEYED or NOTKEYED. A value of NOTAPPLIC is returned if the file is not open
Delete option	DELETE	For VSAM files, indicates whether records can be deleted from the file. Input Values: DELETABLE, NOTDELETABLE
Number of I/O operations for data records	DEXCPCNT	For VSAM files, the number of I/O operations on the file for data records.
Disposition of file	DISPOSITION	The disposition of the file. Input Values: OLD, SHARE
Data set name	DSNAME	The name of the data set
Empty status	EMPTYSTATUS	For VSAM files, indicates whether the data set is to be made empty the next time a file that references it is opened (EMPTYREQ or NOEMPTYREQ). This option is valid only for data sets that have been defined as reusable and defined to be used in non-RLS mode. Input Values: EMPTYREQ, NOEMPTYREQ

Table 131. Fields in LOCFILE views (continued)

Field	Attribute name	Description
Enablement status	ENABLESTATUS	Indicates whether the local file is available for access by application programs. The status will be one of the following: • ENABLED - Available for access. • DISABLED - Unavailable as a result of a SET DISABLED command. • DISABLING - Still being accessed after a SET DISABLED or SET CLOSED command. • UNENABLED - Unavailable as a result of a SET CLOSED command. • UNENABLING - A request to close the file has been received, but tasks are executing that had previously accessed the file. These tasks are allowed to complete their use of the file, but new tasks are not allowed access. Input Values: ENABLED, DISABLED
BDAM exclusive control status	EXCLUSIVE	For BDAM files, indicates whether records on the file are placed under exclusive control when a read for update is issued Input Values: EXCTL, NOEXCTL, NOTAPPLIC
File ID	FILE	The name of the file.
Forward recovery option	FWDRECSTATUS	Indicates, for VSAM files, whether the file is forward-recoverable (FWDRECOVABLE or NOTFWDRCVBLE).
Number of READ requests	GETCNT	The number of GET requests issued against this local file.
Number of READ UPDATE requests	GETUPDCNT	The number of GET UPDATE requests issued against this local file.
GMT file close time	GMTFILECLS	The time at which the file was closed.
GMT file open time	GMTFILEOPN	The time at which the file was opened.
Number of I/O operations against index component	IEXCPCNT	For VSAM files, the number of I/O operations on the file for index records.

Table 131. Fields in LOCFILE views (continued)

Field	Attribute name	Description
Journal number	JOURNALNUM	The ID of the journal associated with this file, in the range 1 - 99. An ID of 1 identifies the CICS system log. A value of 0 means no automatic journaling is being done because JID=NO was specified in the FCT entry.
Key length	KEYLENGTH	For local files associated with a VSAM KSDS, the length of the key. For local files associated with a BDAM data set, the length of the logical key used for deblocking. A value of 0 is returned if the file is not open.
Key position	KEYPOSITION	The starting position of the key field in each record relative to the beginning of the record. A value of 0 is returned if the file is not open.
Number of DELETE requests	LOCDELCNT	The number of DELETE requests issued against this local file.
Local shared resources pool ID	LSRPOOLID	For VSAM files, the numeric ID of the LSR pool associated with the file. A value of 0 means the file must not share buffers. A value of N/A means the file is not a VSAM file. Input Values: 0 - 8
Number of active strings	NUMACTSTRING	The current number of updates to the file.
Number of data buffers	NUMDATBUFF	The number of buffers to be used for data.
Number of index buffers	NUMINDEXBUFF	The number of buffers to be used for the index.
Current number of string waits	NUMSTRINGWT	The current number of requests that are queued because all the strings available to the file were in use
Data set type (base or path)	OBJECT	For VSAM files, indicates whether the file is related to a base data set (BASE) or is defined as a path that is accessed by means of an alternate index (PATH).
Open status	OPENSTATUS	Indicates whether the file is open, closed, or in transition. The values are: OPEN, CLOSED, OPENING, CLOSING, CLOSEREQUEST. Input Values: OPEN, CLOSED

Table 131. Fields in LOCFILE views (continued)

Field	Attribute name	Description
Type of VSAM extended addressing	RBATYPE	Indicates whether, for VSAM files, the data set uses extended addressing. The values are: • EXTENDED - This VSAM data set uses extended relative byte addressing and therefore can hold more than 4 gigabytes of data. • NOTAPPLIC - One of the following is true: – The data set is BDAM. – The file is remote. – The file is not open. • NOTEXTENDED - This VSAM data set does not use extended relative byte addressing and therefore cannot hold more than 4 gigabytes of data.
Read option	READ	Indicates whether records can be read from the file. Input Values: READABLE, NOTREADABLE
Default level of read integrity	READINTEG	The default level of read integrity active for the file, if a read integrity option is not explicitly coded on an API FILE READ command. The levels are: • UNCOMMITTED - There is no read integrity specified for this file. • CONSISTENT - Read requests for this file are subject to consistent read integrity (unless otherwise specified on the read request). • REPEATABLE - Read Requests for this file are subject to repeatable read integrity (unless otherwise specified on the read request). • NOTAPPLIC - Read integrity is not applicable for this file.
Record format	RECORDFORMAT	The format of the records on the file (FIXED, VARIABLE, or UNDEFINED).
Record size	RECORDSIZE	For fixed-length records, the actual size of a record. For variable-length records, the maximum size of a record. A value of 0 is returned if the file is not open.

Table 131. Fields in LOCFILE views (continued)

Field	Attribute name	Description
Recovery status	RECOVSTATUS	Indicates whether the file is recoverable (RECOVERABLE or NOTRECOVABLE).
Relative addressing type (BDAM only)	RELTYPE	For BDAM files, indicates whether relative or absolute addressing is used to access the file, and if relative, what type of relative addressing is being used in the block reference portion of the file's record identification field. The type is identified as one of the following: • BLK - Relative block addressing • DEC - Zoned decimal format • HEX - Hexadecimal relative track and record format • NOTAPPLIC - Absolute addressing is being used or the file is a VSAM file
Record level sharing (RLS) file access mode	RLSACCESS	Indicates whether a file is accessed in RLS mode. The values are: • RLS - The file refers to a data set accessed in RLS mode. • NOTRLS - The file refers to a data set accessed in non-RLS mode. • NOTAPPLIC - The file is not eligible to be accessed in RLS mode. Input Values: RLS, NOTRLS
Record level sharing (RLS) request wait timeouts	RLSREQWTTO	The number of RLS file requests that have timed out while awaiting request completion from the VSAM RLS server.
Number of strings	STRINGS	For VSAM files, the number of concurrent operations that can be performed on the file. A value of N/A means the file is not a VSAM file. Input Values: 1 - 255
Local time file was closed	TIMECLOSE	The local time at which the file was closed.
Local time file was opened	TIMEOPEN	The local time at which the file was opened.
Update option	UPDATE	Indicates whether records in the file can be updated. Input Values: UPDATABLE, NOTUPDATABLE

Table 131. Fields in LOCFILE views (continued)

Field	Attribute name	Description
Number of REWRITE requests	UPDATECNT	The number of PUT UPDATE requests issued against this local file.
Type of VSAM data set	VSAMTYPE	Indicates how the records are organized in the data set associated with this file. For VSAM files, the type is identified as one of the following: • ESDS - Entry-sequenced data set • KSDS - Key-sequenced data set • RRDS - Relative record data set • VRRDS - Variable relative record data set For BDAM files, the type is either KEYED or NOTKEYED. A value of NOTAPPLIC is returned if the file is not open.
Peak number of tasks waiting for a string	WSTRCCURCNT	The peak number of requests that were queued at any one time because all the strings available to the file were in use.
Total requests queued because all strings in use	WSTRCNT	The total number of requests that were queued because all the strings available to the file were in use.

VSAM LSR pool buffers - LSRPBUF

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

Supplied views

To access from the main menu, click:

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

Table 132. Views in the supplied **VSAM LSR pool buffers** *(LSRPBUF) view set*

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

Actions

None.

Fields

Table 133. Fields in LSRPBUF views

Field	Attribute name	Input values
Buffer usage	TYPE	Indicates how the buffer is used, as one of the following: • D - .Data buffer • I - Index buffer • B - Both data and index
Pool ID, buffer size and buffer type	POOL	The identifying number of the pool. This value may be in the range 1 through 8.
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.
Number of Hiperspace buffers	HIPERBUFF	The number of Hiperspace buffers specified for the pool.
Number of non user-initiated buffer writes	NONUWRITE	The number of non-user initiated WRITE I/Os from the buffers.
Number of failed CREAD requests	FAILCREADS	The number of CREAD requests for buffers that failed. MVS withdrew the space and VSAM had to read data from DASD.
Buffer size	SIZE	The size of the buffers that are available to the pool
Number of successful CWRITE requests	CWRITES	The number of successful CWRITE requests issued to transfer data from virtual buffers to Hiperspace buffers.
Pool ID, buffer size and buffer type	POOLSIZETYPE	The ID, buffer size and type of the pool
Number of successful CREAD requests	CREADS	The number of successful CREAD requests issued to transfer data from Hiperspace buffers to virtual buffers.
Number of user-initiated buffer writes	USERIWRITE	The number of user-initiated WRITE I/Os from the buffers.
Number of lookaside buffer reads	LOOKASIDES	The number of READ requests that VSAM was able to satisfy without initiating a physical I/O operation.

Table 133. Fields in LSRPBUF views (continued)

Field	Attribute name	Input values
Number of failed CWRITE requests	FAILCWRITES	The number of CWRITE requests for buffers that failed. There was insufficient Hiperspace and VSAM had to write data to DASD.

VSAM LSR pools - LSRPOOL

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

Supplied views

To access from the main menu, click:

CICS operations views > File operations views > VSAM LSR pools

Table 134. Views in the supplied **VSAM LSR pools** *(LSRPOOL) view set*

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

Actions

None.

Fields

Table 135. Fields in LSRPOOL views

Field	Attribute name	Input values
Number of data buffers	DBUFFCNT	The number of data buffers being used by the pool.
Peak number of concurrent active strings	MAXCCURSTR	The maximum number of strings that were active at any one time.
Number of user-initiated data buffer writes	DBUIWRITE	The number of user-initiated WRITE I/Os from data buffers for the pool.
Number of non user-initiated index buffer writes	IBNUWRITE	The number of non-user initiated WRITE I/Os from index buffers for the pool.
Number of successful index buffer CREAD requests	ICREAD	The number of successful CREAD requests issued to transfer data from Hiperspace index buffers to virtual index buffers.

Table 135. Fields in LSRPOOL views (continued)

Field	Attribute name	Input values
GMT delete time	GMTDELTIME	Indicates when the LSR pool was deleted, in Greenwich Mean Time (GMT). A value is displayed only if the LSR pool has been deleted, which means all the files that were using the pool have been closed.
Number of successful lookasides to data buffers	DBLOOKASIDE	The number of READ requests for data buffers that VSAM was able to satisfy without a physical I/O operation.
Number of 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.
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.
Local delete time	DELETETIME	Indicates when the LSR pool was deleted, in local time. A value is displayed only if the LSR pool has been deleted, which means all the files that were using the pool have been closed.
Number of Hiperspace data buffers	DHIPERBUF	The number of Hiperspace data buffers specified for the pool.
Maximum key length	MAXKEYLEN	The length of the largest key of a VSAM data set that can use the LSR pool.
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.
Number of read I/Os to data buffers	DBREAD	The number of READ I/Os to data buffers that VSAM was required to initiate because the buffer control interval could not be found.
Number of 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 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).

Table 135. Fields in LSRPOOL views (continued)

Field	Attribute name	Input values
Total number of strings	TOTSTRINGS	The total number of strings that are available to the LSR pool.
Number of successful index buffer CWRITE requests	ICWRITE	The number of successful CWRITE requests issued to transfer data from virtual index buffers to Hiperspace index buffers.
Number of 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.
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.
LSR pool ID	LSRPOOLID	The numeric LSR pool ID, in the range of 1 - 8.
Number of Hiperspace index buffers	IDHIPERBUF	The number of Hiperspace index buffers specified for the pool.
GMT create time	GMTCRETIME	Indicates when the LSR pool was created, in Greenwich Mean Time (GMT).
Number of successful data buffer CREAD requests	DCREAD	The number of successful CREAD requests issued to transfer data from Hiperspace data buffers to virtual data buffers.
Number of user-initiated index buffer writes	IBUIWRITE	The number of user-initiated WRITE I/Os from index buffers for the pool.
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.
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	Indicates when the LSR pool was created, in local time.
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.

Remote files - REMFILE

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

Supplied views

To access from the main menu, click:

CICS operations views > File operations views > Remote files

Table 136. Views in the supplied **Remote files** *(REMFILE) view set*

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

Actions

Table 137. Actions available for REMFILE views

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

Fields

Table 138. Fields in REMFILE views

Field	Attribute name	Input values
Number of READ UPDATE requests	GETUPDCNT	The number of GET UPDATE requests issued against this remote 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 this remote file.
Number of REWRITE requests	UPDATECNT	The number of PUT UPDATE requests issued against this remote file.
Key length	KEYLENGTH	For remote files associated with a VSAM KSDS, the length of the key. For remote files associated with a BDAM data set, the length of the logical key used for deblocking.
Remote file name	REMOTENAME	The name by which this file is known in the remote system.
Number of DELETE requests	REMDELCNT	The number of DELETE requests issued against this remote file.
The number of READNEXT and READPREV requests	BROWSECNT	The number of READNEXT and READPREV requests issued against the file.

Table 138. Fields in REMFILE views (continued)

Field	Attribute name	Input values
Enable status	ENABLESTATUS	Indicates whether the remote file is available for access by application programs. The status will be one of the following: • ENABLED - Available for access. • DISABLED - Unavailable for access as a result of a SET DISABLED command. • DISABLING - Still being accessed after a SET DISABLED or SET CLOSED command. • UNENABLED - Unavailable for access as a result of a SET CLOSED command.
Number of READ requests	GETCNT	The number of GET requests issued against this remote file.
Remote system name	REMOTESYSTEM	The name of the CICS system where the remote file resides.

Topology data for file - CRESFILE

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

Supplied views

To access from the main menu, click:

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

Table 139. Views in the supplied **Topology data for file** *(CRESFILE) view set*

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

Actions

None.

Fields

Table 140. Fields in CRESFILE views

Field	Attribute name	Input values
Data set name	DSNAME	The name of the data set associated with this file.
Resource type	TYPE	The type of resource.

Table 140. Fields in CRESFILE views (continued)

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

Journal operations views

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

Models - JRNLMODL

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

Supplied views

To access from the main menu, click:

CICS operations views > Journal operations views > Models

Table 141. Views in the supplied **Journal models** *(JRNLMODL) view set*

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

Actions

Table 142. Actions available for JRNLMODL views

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

Fields

Table 143. Fields in JRNLMODL views

Field	Attribute name	Input values
Log stream type	TYPE	The type of log stream associated with the journal model.
MVS log stream name	STREAMNAME	The MVS log stream name associated with the journal model.
Journal name	JOURNALNAME	The name of the journal.
Journal model name	JOURNALMODEL	The name of the journal model.

Names - JRNLNAME

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

Supplied views

To access from the main menu, click:

CICS operations views > Journal operations views > Names

Table 144. Views in the supplied **Journal names** *(JRNLNAME) view set*

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

Actions

Table 145. Actions available for JRNLNAME views

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

Fields

Table 146. Fields in JRNLNAME views

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

Table 146. Fields in JRNLNAME views (continued)

Field	Attribute name	Input values
Number of journal writes	NUMWRITES	The number of times a journal record was written to the journal.
Journal name	JOURNALNAME	The 8 character journal name.

MVS log stream names - STREAMNM

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

Supplied views

To access from the main menu, click:

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

Table 147. Views in the supplied **MVS log streams** *(STREAMNM) view set*

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

Actions

Table 148. Actions available for STREAMNM views

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

Fields

Table 149. Fields in STREAMNM views

Field	Attribute name	Input values
Rate of writes to log	RWRITES	The rate of writes to the log
Logstream query count	LGSQUERIES	The number of queries that CICS made to check the status of the log stream.
Number of log-tail deletes	DELETES	The number of delete requests to the log stream.
MVS log stream	STREAMNAME	The MVS system logger log stream name.
Maximum block size	MAXBLK	The maximum block size supported by this log stream.
System log indicator	SYSTEMLOG	Indicates whether the log stream is the system log.

Table 149. Fields in STREAMNM views (continued)

Field	Attribute name	Input values
Number of waits due to buffer being full	BUFFWAIT	The number of times a journal record could not be appended to the current log stream because the buffers were logically full.
Total number of tasks that waited for buffer flush	TFCWAIT	The total number of tasks suspended while waiting for a flush of the log stream buffer.
Total number of bytes written	BYTES	The total number of bytes written to the log stream.
Last reset time	LASTRESET	The time at which the counters for the requested statistics were last reset. This is usually the time of the expiry of the last interval. The last reset time is always returned in local time.
Log stream status	STATUS	The status of the log stream (OK or FAILED).
Data retention period (days)	RETPD	The retention period in days for data held on this log stream.
Log deferral interval	LGGLGDEFER	The current log deferral interval, which is the period of time used by CICS Log Manager when determining how long to delay a forced journal write request before invoking the MVS system logger.
Current time	CURRTIME	The current time of day
Peak number of tasks waiting for buffer flush	PKFWTRS	The maximum number of tasks suspended at any one time while waiting for a flush of the log stream buffer.
Number of buffer append requests	BUFAPPNDRQ	The number of times a journal record was successfully appended to the current log stream buffer.
DASD-only option	DASDONLY	Indicates whether the log stream is a DASD-only log stream (YES or NO).
Number of log browse starts	BRWSTRT	The number of browse requests started on the log stream.
DSECT version number	LGGDSVER	The version number of the DSECT
Auto-delete option	AUTODEL	Indicates whether data on the log stream is subject to automatic deletion after the expiry of the retention period (YES or NO).
Number of activity keypoints taken	LGGAKPSTKN	The number of activity keypoints taken
Number of reads from log	BRWREAD	The number of read requests to the log stream.

Table 149. Fields in STREAMNM views (continued)

Field	Attribute name	Input values
DSECT ID mask	LGGDSID	The ID mask of the DSECT.
Current number of tasks waiting for buffer flush	CUFWTRS	The current number of tasks suspended while waiting for a flush of the log stream buffer.
Number of retryable errors	RETRYERRS	The number of times MVS system logger retryable errors occurred while data was being written to the log stream.
Coupling facility structure	STRCNAME	The name of the coupling facility structure that holds this log stream.
Activity keypoint frequency	LGGAKPFREQ	The current activity keypoint trigger value, which is the number of logging operations between the taking of keypoints
Number of write requests	WRITES	The number of write requests to the log stream.
Number of journals and forward recovery logs	USECOUNT	The number of CICS journals and forward recovery logs that are currently using the log stream.

Program operations views

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

Programs - PROGRAM

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

Supplied views

To access from the main menu, click:

CICS operations views > Program operations views > Programs

Table 150. Views in the supplied **Programs** *(PROGRAM) view set*

View	Notes
Programs EYUSTARTPROGRAM.DISABLE	Disable a program.
Programs EYUSTARTPROGRAM.DISCARD	Discard a program from the CICS system where it is installed. **Note:** Programs that have names beginning with DFH are supplied by CICS and cannot be disabled or discarded.
Programs EYUSTARTPROGRAM.TABULAR	Tabular information about currently installed programs.

Table 150. Views in the supplied **Programs** *(PROGRAM) view set (continued)*

View	Notes
Programs EYUSTARTPROGRAM.DETAILED	Detailed information about a selected program.
Programs EYUSTARTPROGRAM.SET	Set program attributes according to new values specified in input fields.
Programs EYUSTARTPROGRAM.ENABLE	Enable a program.
Programs EYUSTARTPROGRAM.PHASEIN	Load a new copy of the program now for all new transaction requests. CICS continues to use the old copy for all currently running transactions until they have finished (RESCOUNT equal to zero). CICS loads the new version from the DFHRPL or dynamic LIBRARY concatenation or uses an LPA-resident version, depending on the PRIVATE or SHARED options. PRIVATE is the default setting. Note: PHASEIN cannot be specified for a program specified with the HOLD option, or for a Java program that runs in a JVM. Use the PERFORM JVMPOOL TERMINATE command to refresh Java programs. PHASEIN performs a REFRESH PROGRAM function to inform the loader domain that a new version of the program has been cataloged and that this version of the named program should be used in all future ACQUIRE requests. Until the program goes to a zero RESCOUNT and a subsequent ACQUIRE PROGRAM has been performed, CEMT INQUIRE PROGRAM ( ) will return information on the first copy of the program.

Table 150. Views in the supplied **Programs** *(PROGRAM) view set (continued)*

View	Notes
Programs EYUSTARTPROGRAM.NEWCOPY	CICS is to use a new copy of the program when the program ceases to be in use by any transaction. (You can determine whether a module is in use from the RESCOUNT option in an INQUIRE PROGRAM command. A value of zero means the program is not in use.) It is possible for CICS to replace the program with the new version during a single transaction, at a point when one use of the program has completed, and a subsequent use has yet to start. CICS loads the new version from the DFHRPL or dynamic LIBRARY concatenation, or uses an LPA-resident version, depending on the PRIVATE or SHARED options. PRIVATE is the default setting. Note: NEWCOPY cannot be specified for a program specified with the HOLD option, or for a Java program that runs in a JVM. Use the PERFORM JVMPOOL TERMINATE command to refresh Java programs.

Actions

Table 151. Actions available for PROGRAM views

Action	Description
DISABLE	Disable a program.
DISCARD	Discard a program from the CICS system where it is installed. **Note:** Programs that have names beginning with DFH are supplied by CICS and cannot be disabled or discarded.
ENABLE	Enable a program.
SET	Set program attributes according to new values specified in input fields.

Table 151. Actions available for PROGRAM views (continued)

Action	Description
PHASEIN	Load a new copy of the program now for all new transaction requests. CICS continues to use the old copy for all currently running transactions until they have finished (RESCOUNT equal to zero). CICS loads the new version from the DFHRPL or dynamic LIBRARY concatenation or uses an LPA-resident version, depending on the PRIVATE or SHARED options. PRIVATE is the default setting. Note: PHASEIN cannot be specified for a program specified with the HOLD option, or for a Java program that runs in a JVM. Use the PERFORM JVMPOOL TERMINATE command to refresh Java programs. PHASEIN performs a REFRESH PROGRAM function to inform the loader domain that a new version of the program has been cataloged and that this version of the named program should be used in all future ACQUIRE requests. Until the program goes to a zero RESCOUNT and a subsequent ACQUIRE PROGRAM has been performed, CEMT INQUIRE PROGRAM ( ) will return information on the first copy of the program.
NEWCOPY	CICS is to use a new copy of the program when the program ceases to be in use by any transaction. (You can determine whether a module is in use from the RESCOUNT option in an INQUIRE PROGRAM command. A value of zero means the program is not in use.) It is possible for CICS to replace the program with the new version during a single transaction, at a point when one use of the program has completed, and a subsequent use has yet to start. CICS loads the new version from the DFHRPL or dynamic LIBRARY concatenation, or uses an LPA-resident version, depending on the PRIVATE or SHARED options. PRIVATE is the default setting. Note: NEWCOPY cannot be specified for a program specified with the HOLD option, or for a Java program that runs in a JVM. Use the PERFORM JVMPOOL TERMINATE command to refresh Java programs.

Fields

Table 152. Fields in PROGRAM views

Field	Attribute name	Input values
New-copy-required status	COPY	The COPY status of the program, which determines whether or not a new copy of the program is required. A value of N/A is returned for CICS releases that do not support this field.

Table 152. Fields in PROGRAM views (continued)

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.
Runtime environment information	RUNTIME	Specifies information about the Runtime environment for a program. Users may SET values of: • JVM - The program is a Java program that will run in a Java Virtual Machine. • NOJVM - The program will execute as a CICS application outside the JVM environment. If a value of NOJVM is specified, then this will be resolved to one of the following reported settings, based on the current application state: • LE370 - The program will run with LE370 runtime support. • NONLE370 - The program will run with a language specific runtime environment. • UNKNOWN - The program environment is unknown due to the fact that the program has not been loaded by CICS, and so its source language cannot be deduced. • XPLINK - The program is a C or C++ program which has been compiled using the XPLINK option. • NOTAPPLIC - RUNTIME does not apply because the module is a map set, or a partition set. Note that the above values cannot be directly set. They are reported only as a result of a NOJVM value being specified.
Java virtual machine (JVM) profile name	JVMPROFILE	The name of the JVM profile. The default value is DFHJVMPR.
Share status	SHARESTATUS	The shared status of the program, which determines whether the next new copy loaded will be a shared version (SHARED) or a private version (PRIVATE). A value of NOTAPPLIC is returned for remote programs, or Java programs that run in a JVM. Input Values: SHARED, PRIVATE

Table 152. Fields in PROGRAM views (continued)

Field	Attribute name	Input values
Rate of program removal	RREMOVAL	The rate at which the program is removed.
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 or 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 an LPA version, or a private version of the program.
Program length	LENGTH	The length of the program in bytes. A value of 0 means the program has not been loaded in the current CICS session. A value of N_A means it is a remote program, or a Java program that runs in a JVM.
Threadsafe option	CONCURRENCY	Specifies whether the program is written to threadsafe standards, or is quasi-reentrant. • QUASIRENT - The program is defined as being quasi-reeentrant, and is able to run only under the CICS QR TCB. • THREADSAFE - The program is defined as threadsafe, and is able to run under whichever TCB is in use when the program is given control. This could be either an open TCB or the CICS QR TCB.
Average number of program uses per fetch	USEFETCH	The average number of program uses per fetch.

Table 152. Fields in PROGRAM views (continued)

Field	Attribute name	Input values
Data location	DATALOCATION	Indicates whether the program can accept data addresses higher than 16MB: • ANY - Can accept an address above 16MB. • BELOW - Requires an address below 16MB. • NOTAPPLIC - This option is not available; the program is defined as remote, is a map set, or is a partition set.
COBOL type	COBOLTYPE	The type of COBOL being used, as one of the following: • COBOL - OS/VS COBOL • COBOLII - Enterprise COBOL or VS COBOL II • NOTINIT - The program is defined as a COBOL program, but it has not yet been loaded, so the type cannot be determined. • NOTAPPLIC - The program has been loaded and it is not a COBOL program, or the program has not been loaded and it is not defined as a COBOL program.

Table 152. Fields in PROGRAM views (continued)

Field	Attribute name	Input values
API status	APIST	Specifies the application programming interface restriction status. • CICSAPI - The program is restricted to use of the CICS application programming interfaces. CICS determines whether the program runs on the quasi-reentrant (QR) TCB, or on another TCB. This depends upon the value of the CONCURRENCY attribute in the PROGRAM resource definition. If the program is defined as threadsafe it may run on whichever TCB, in use by CICS at the time, is determined as suitable. • OPENAPI - The program is not restricted to the CICS application program interfaces. CICS executes the program on its own L8 or L9 mode open TCB dependent upon the value of the EXECKEY attribute in the PROGRAM resource definition. If, while executing a CICS command, CICS requires a switch to the QR TCB, it returns to the open TCB before handing control back to the application program. OPENAPI requires the program to be coded to threadsafe standards and be defined with CONCURRENCY(THREADSAFE).
Last reset time	LASTRESET	The time at which the counters for the requested statistics were last reset. This is usually the time of the expiry of the last interval. The last reset time is always returned in local time.
Enabled status	STATUS	The enabled status of the program, which indicates whether it is available for use. Input Values: ENABLED, DISABLED

Table 152. Fields in PROGRAM views (continued)

Field	Attribute name	Input values
RPL data set number	RPLID	The position of the program's RPL data set in the DFHRPL concatenation. This field is only valid if the LIBRARY is set to DFHRPL, otherwise it will show 0. This parameter will report UNKNOWN if the program has not yet been loaded by CICS.
Current time	CURRTIME	The current time of day.
CICS DSA in which current copy is located	CURRENTLOC	The location of that copy of the program that is currently resident in storage, if any (CDSA, LPA, ECDSA, EUDSA, ERDSA, ELPA, UDSA, ESDSA, RDSA, or SDSA). A value of NOCOPY means no copy of the program is currently loaded.
Average load time	ALOADTIME	The mean time taken for program load requests.
Hot pooling status	HOTPOOLING	The Hot Pooling status of the program. • HOTPOOL - The program is to be run in a pre-initialised LE enclave reserved for all instances of this program. • NOTHOTPOOL - No pre-initialised LE enclave is used. • NOTAPPLIC - The module is not a LE enabled program, or is remote program, a mapset, or a partitionset.
Programs	PROGRAM	The name of the program.
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.
Number of times JVM program used since last reset	PGRJUSECOUNT	If this program is a Java program, the number of times it was accessed during the current CICS statistics interval.

Table 152. Fields in PROGRAM views (continued)

Field	Attribute name	Input values
API subset restriction type	EXECUTIONSET	Indicates whether the program is restricted to the API subset when running in the local CICS system: • DPLSUBSET - The program is restricted to the same subset of the CICS API that applies when it is linked to by a distributed program link (DPL) request. • FULLAPI - The program is not restricted to the DPL subset of the CICS API; it can use the full API. • NOTAPPLIC - This option is not available; either the program is defined as remote, or it is a map set or partition set. Input Values: DPLSUBSET, FULLAPI
Program entry point	ENTRYPOINT	The entry point address of the most recently loaded copy of the program. The high order bit of the address (hexadecimal 80) is set on if the program is defined with AMODE=31. A value of FF000000 means the program is not currently in use, or is a remote program, or is a Java program that runs in a JVM.
Program name in remote system	REMOTENAME	The name by which the program is known in the remote CICS system, if a remote system was defined. If this field is blank, no remote system was defined.
Language	LANGUAGE	The language in which the program is written (COBOL, C, PLIPL1 (for PLI or PL1), LE370, LEVSE, ASSEMBLER, or JAVA). A value of NOTDEFINED is returned if the language was not specified in the resource definition. When the program is eventually loaded, the language is deduced and this value will then be used. A value of NOTAPPLIC is returned for remote programs, maps and partition sets.

Table 152. Fields in PROGRAM views (continued)

Field	Attribute name	Input values
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.
Load data set name	LIBRARYDSN	The name of the data set from which this program was loaded. This will be blank if the program has not been loaded, or if the LPASTATUS is LPA (indicating that the program has been loaded from the LPA).
LIBRARY name	LIBRARY	The name of the LIBRARY resource from which this program was loaded. This will be blank if the program has not been loaded, or if the LPASTATUS is LPA (indicating that the program has been loaded from the LPA).
Java virtual machine class	JVMCLASS	This is the hyperlink to the PROGRAMJ panel, which details the contents of the JVM Class specification, and allows its modification.
Dynamic routing type	DYNAMSTATUS	The DYNAMIC routing status of the program. If DYNAMIC then it can be dynamically routed by the CICS dynamic routing exit. If NOTDYNAMIC then it cannot be routed by the CICS dynamic routing exit.
Remote system name	REMOTESYSTEM	The name of a remote CICS system to which a link request for this program is shipped. If this field is blank, no remote system was defined.
Rate of program use	RUSE	The rate at which the program is used.
Rate of program loading	RLOADING	The rate at which the program is loaded.
Program load point	LOADPOINT	The load address of the most recently loaded copy of the program. A value of FF000000 means the program is not currently in use, or is a Java program that runs in a JVM.
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 152. Fields in PROGRAM views (continued)

Field	Attribute name	Input values
Mirror transaction name for remote attach	TRANSID	The name of the server transaction the remote system is to attach when the program is defined as remote or dynamic. If this field is blank, the program is not defined as remote.
Number of times program currently accessed	RESCOUNT	The number of separate invocations of this program that are currently taking place. A value of N/A means it is a remote program, or a Java program that runs in a JVM.
Java virtual machine (JVM) debug status	JVMDEBUG	The JVMDEBUG option is obsolete, and CICS always returns NODEBUG if JVMDEBUG is specified.
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.
CEDF status	CEDFSTATUS	The CEDF status of the program, which determines whether or not CEDF actions are enabled (CEDF or NOCEDF). A value of NOTAPPLIC is returned for remote programs, maps and partition sets. Input Values: CEDF, NOCEDF
Total number of times program was executed	USECOUNT	The total number of times the program has been executed in the current CICS session. For CICS TS 3.2 and later regions, this field shows a use count for Java programs as well as for other types of program. For earlier regions, Java programs do not have a use count in this field. A value of N/A is returned for remote programs.

Table 152. Fields in PROGRAM views (continued)

Field	Attribute name	Input values
Number of times program was used since last reset	USEAGELSTAT	The number of times access to the program was requested during the current CICS statistics interval.

LIBRARYs, including DFHRPL - LIBRARY

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

Supplied views

To access from the main menu, click:

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

Table 153. Views in the supplied **LIBRARY** *(LIBRARY) view set*

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

Actions

Table 154. Actions available for LIBRARY views

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

Fields

Table 155. Fields in LIBRARY views

Field	Attribute name	Input values
Search position	SEARCHPOS	The current absolute position of this LIBRARY in the overall LIBRARY search order. The first LIBRARY in the search order will have a SEARCHPOS of 1, the next LIBRARY will have a SEARCHPOS of 2, and so on. The SEARCHPOS is not the same as the ranking, although its value is determined by the relative ranking values of the various LIBRARY resources in the system. If the LIBRARY is disabled then the SEARCHPOS will be 0 indicating that the LIBRARY does not participate in the overall search.
Number of DSNAMEs	NUMDSNAMES	The number of data sets in the LIBRARY concatenation. For a dynamically defined LIBRARY, this will be the number of non-blank DSNAMExx values, and cannot be a value larger than 16. For the statically defined DFHRPL, this will be the number of data sets in the concatenation, and can be a value larger than 16.
LIBRARY name	NAME	The name of the LIBRARY.

Table 155. Fields in LIBRARY views (continued)

Field	Attribute name	Input values
Program load count	PGMLOADCNT	The number of program loads from data sets in this LIBRARY.

Table 155. Fields in LIBRARY views (continued)

Field	Attribute name	Input values
Ranking	RANKING	The number which determines where this LIBRARY will appear in the overall search order, when enabled. A lower number indicates that this LIBRARY will be searched for programs to load before other LIBRARY resources with higher ranking numbers. The ranking can be thought of as being somewhat analogous to the concatenation number of a data set within a LIBRARY concatenation, although it differs in allowing duplicate values. RANKING can take values between 1 and 99, with a default of 50. A value of 10 is reserved for DFHRPL, the static LIBRARY, and cannot be specified. If this LIBRARY contains a discrete application in one or more data sets, then its ranking relative to other LIBRARY resources is not usually significant, and the default ranking value can be accepted. Exceptions to this are where this LIBRARY contains a program artifact which is required to replace one that also appears in another LIBRARY, in which case the ranking of this LIBRARY needs to be a smaller value than that of the other LIBRARY to ensure that the program artifact is loaded from this LIBRARY. The DFHRPL concatenation is assigned a predefined ranking of 10. This value cannot be changed. It allows dynamically defined LIBRARY resources to be placed before the DFHRPL concatenation in the overall search order by giving them a ranking value smaller than 10. **Note:** • It should be regarded as a temporary situation to have LIBRARY resources with a ranking that places them before DFHRPL in the search order. • Although the predefined DFHRPL ranking of 10 is intended to discourage the placing of LIBRARY resources before DFHRPL in the search order, it does not limit the total number of LIBRARY resources that can be placed before

Table 155. Fields in LIBRARY views (continued)

Field	Attribute name	Input values
Enable status	ENABLESTATUS	Indicates whether the LIBRARY is included in the overall LIBRARY search order. Values are: • DISABLED – The LIBRARY is not included in the LIBRARY search order. The data sets in this LIBRARY concatenation will not be searched for program artifacts to load. • ENABLED – The LIBRARY is included in the LIBRARY search order. The data sets in this LIBRARY concatenation will be searched for program artifacts to load.

Table 155. Fields in LIBRARY views (continued)

Field	Attribute name	Input values
Critical status	CRITSTATUS	Specifies whether the LIBRARY is critical to the start up of CICS. Values are: • CRITICAL – The LIBRARY is critical to CICS startup. If the LIBRARY cannot be successfully installed during CICS startup for any reason, then a GO or CANCEL message will be issued. This will allow the operator to decide whether to override the criticality and allow CICS to start or not. If CICS is allowed to continue, the LIBRARY will be installed in a 'disabled' status, unless install was not possible at all; for example, due to a short-on-storage condition. If the reply is to continue with the startup, the LIBRARY will not be recatalogued as NONCRITICAL, so the critical status should be explicitly set to NONCRITICAL if it is decided that the LIBRARY should not be regarded as CRITICAL in future. • NONCRITICAL – The LIBRARY is not critical to CICS startup. If the LIBRARY cannot be successfully installed during CICS startup, then the LIBRARY will be left in an installed but disabled state and a warning message will be issued, but CICS startup will continue.

LIBRARY data set names - LIBDSN

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

Supplied views

To access from the main menu, click:

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

Table 156. Views in the supplied **LIBRARY data set names** *(LIBDSN) view set*

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

Actions

None.

Fields

Table 157. Fields in LIBDSN views

Field	Attribute name	Input values
Data set name	DSNAME	The name of a data set in the LIBRARY concatenation. If the LIBRARY is a dynamically defined LIBRARY, then this is a data set specified on the LIBRARY definition. If the LIBRARY is the statically defined DFHRPL, then this is a data set defined in the DFHRPL concatenation in the CICS startup JCL.
Search position	SEARCHPOS	The current absolute position of this data set's LIBRARY in the overall LIBRARY search order. The first LIBRARY in the search order will have a SEARCHPOS of 1, the next LIBRARY will have a SEARCHPOS of 2, and so on. The SEARCHPOS is not the same as the ranking, although its value is determined by the relative ranking values of the various LIBRARY resources in the system. If the LIBRARY is disabled then the SEARCHPOS will be 0 indicating that the LIBRARY does not participate in the overall search.

Table 157. Fields in LIBDSN views (continued)

Field	Attribute name	Input values
Data set search enumerator	DSNSEARCHPOS	This value displays the relative position of the data set in the overall LIBRARY data set search order. This value is obtained by combining the SEARCHPOS of this data set's LIBRARY with the data set's own DSNUM. If the LIBRARY is disabled then the LIBRARY SEARCHPOS will be 0, indicating that the LIBRARY does not participate in the overall search. In this case this field will be set to N/A. Due to the way this value is calculated, the first data set to be searched will not have a data set search enumerator of 1, it will be 1001.
LIBRARY data set number	DSNUM	The number of the dataset in the LIBRARY definition. For DFHRPL this number will be derived from the data set's relative offset from the beginning of the DFHRPL concatenation, starting at one. For LIBRARYs other than DFHRPL this number is the number at which the data set was defined, so this may not be sequential if data sets were not defined at every preceeding position.
LIBRARY name	LIBRARY	The name of the LIBRARY that contains this data set in its concatenation.

Loader information - Loader

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

Supplied views

To access from the main menu, click:

CICS operations views > CICS region operations views > Loader global

Table 158. Views in the supplied **Loader information** *(LOADER) view set*

View	Notes
Loader information EYUSTARTLOADER.TABULAR	Tabular loader information

Table 158. Views in the supplied **Loader information** *(LOADER) view set (continued)*

View	Notes
Loader information EYUSTARTLOADER.DETAILED	Detailed loader information
Loader information EYUSTARTLOADER.DETAIL1	Loader Program compression below 16MB
Loader information EYUSTARTLOADER.DETAIL2	Loader Program compression above 16MB

Actions

None.

Fields

Table 159. Fields in LOADER views

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

Table 159. Fields in LOADER views (continued)

Field	Attribute name	Description
Average age on SDSA Not-In-Use (NIU) queue	ANIUQSDSA	The average length of time that a program is eligible for removal from storage by the DPSC mechanism for this DSA. This value is calculated by DFHSTUP.
Size of CDSA	CDSASIZE	The size, in bytes, of the CICS dynamic storage area (CDSA). This is calculated and managed by CICS automatically, within the overall limits specified for all the DSAs that reside below the 16MB boundary.
CICS system release identifier	CICSREL	The release identifier of the CICS system.
Current time	CURRTIME	The local current time of day.
Size of ECDSA	ECDSASIZE	The size, in bytes, of the extended CICS dynamic storage area (ECDSA) above the 16MB boundary. The size of this storage area is calculated and managed by CICS automatically, within the overall limits specified for all the DSAs that reside above the 16MB boundary.
Size of ERDSA	ERDSASIZE	The size, in bytes, of the extended read-only dynamic storage area (ERDSA) above the 16MB boundary. The size of this storage area is calculated and managed by CICS automatically, within the overall limits specified for all the DSAs that reside above the 16MB boundary.
Size of ESDSA	ESDSASIZE	The current size of the extended shared dynamic storage area (ESDSA). The size of this storage area is calculated and managed by CICS automatically, within the overall limits specified for all the DSAs that reside above the 16MB boundary.
Last reset time	LASTRESET	The last time CICS statistics were reset. The last reset time is expressed as local time.
Number of CDSA programs removed by compression	LDGDPSCRC	The number of program instances for this DSA removed from storage by the dynamic program storage compression (DPSC) mechanism.

Table 159. Fields in LOADER views (continued)

Field	Attribute name	Description
Number of ECDSA programs removed by compression	LDGDPSCREC	The number of program instances for this DSA removed from storage by the dynamic program storage compression (DPSC) mechanism.
Number of ERDSA programs removed by compression	LDGDPSCRER	The number of program instances for this DSA removed from storage by the dynamic program storage compression (DPSC) mechanism.
Number of ESDSA programs removed by compression	LDGDPSCRES	The number of program instances for this DSA removed from storage by the dynamic program storage compression (DPSC) mechanism.
Number of RDSA programs removed by compression	LDGDPSCRR	The number of program instances for this DSA removed from storage by the dynamic program storage compression (DPSC) mechanism.
Number of SDSA programs removed by compression	LDGDPSCRS	The number of program instances for this DSA removed from storage by the dynamic program storage compression (DPSC) mechanism.
Total time for CDSA programs on Not-In-Use queue	LDGDPSCTC	The amount of time in hours, minutes and seconds spent by programs on the Not-In-Use (NIU) queue for this DSA.
Total time for ECDSA programs on Not-In-Use queue	LDGDPSCTEC	The amount of time in hours, minutes and seconds spent by programs on the Not-In-Use (NIU) queue for this DSA.
Total time for ERDSA programs on Not-In-Use queue	LDGDPSCTER	The amount of time in hours, minutes and seconds spent by programs on the Not-In-Use (NIU) queue for this DSA.
Total time for ESDSA programs on Not-In-Use queue	LDGDPSCTES	The amount of time in hours, minutes and seconds spent by programs on the Not-In-Use (NIU) queue for this DSA.
Total time for RDSA programs on Not-In-Use queue	LDGDPSCTR	The amount of time in hours, minutes and seconds spent by programs on the Not-In-Use (NIU) queue for this DSA.
Total time for SDSA programs on Not-In-Use queue	LDGDPSCTS	The amount of time in hours, minutes and seconds spent by programs on the Not-In-Use (NIU) queue for this DSA.

Table 159. Fields in LOADER views (continued)

Field	Attribute name	Description
Number of successful load retries	LDGDREBS	The number of times the loader received an end-of-extent condition during a LOAD and successfully closed and re-opened the DFHRPL or dynamic LIBRARY concatenation and retried the LOAD.
DSECT ID mask	LDGDSID	The identifier mask of the LDG DSECT.
DSECT version number	LDGDSVER	The version number of the LDG DSECT.
Number of times waiting loader requests peaked	LDGHWMT	The number of times the high watermark level indicated by LDGWLRHW was reached.
LIBRARY search order updates	LDGLBSOU	The number of LIBRARY search order updates.
Number of LIBRARY load requests	LDGLLR	The number of times the loader has issued an MVS LOAD request to load programs from the DFHRPL or dynamic LIBRARY concatenation into CICS managed storage. Modules in the LPA are not included in this figure.
Total time for all loads	LDGLLT	The time taken for the number of library loads indicated by LDGLLR.
LIBRARY search order update time	LDGLSORT	The amount of time spent updating the LIBRARY search order.
Load requests waited due to search order update	LDGLWSOU	The number of waits for a program load due to LIBRARY search order updates.
Number of CDSA programs on Not-In-Use (NIU) queue	LDGPROGNIUC	The number of programs on the Not-In-Use (NIU) queue for this DSA.
Number of ECDSA programs on Not-In-Use (NIU) queue	LDGPROGNIUEC	The number of programs on the Not-In-Use (NIU) queue for this DSA.
Number of ERDSA programs on Not-In-Use (NIU) queue	LDGPROGNIUER	The number of programs on the Not-In-Use (NIU) queue for this DSA.
Number of ESDSA programs on Not-In-Use (NIU) queue	LDGPROGNIUES	The number of programs on the Not-In-Use (NIU) queue for this DSA.
Number of RDSA programs on Not-In-Use (NIU) queue	LDGPROGNIUR	The number of programs on the Not-In-Use (NIU) queue for this DSA.
Number of SDSA programs on Not-In-Use (NIU) queue	LDGPROGNIUS	The number of programs on the Not-In-Use (NIU) queue for this DSA.

Table 159. Fields in LOADER views (continued)

Field	Attribute name	Description
Number of program uses	LDGPUSES	The number of uses of any program by the CICS system.
Number of CDSA reclaims from Not-In-Use queue	LDGRECNIUC	The number of reclaims that CICS has made from the Not-In-Use (NIU) queue for this DSA. Reclaims occur when a request is issued for programs currently in the Not-In-Use queue. The reclaimed instance of a program is no longer eligible for program compression (DPSC).
Number of ECDSA reclaims from Not-In-Use queue	LDGRECNIUEC	The number of reclaims that CICS has made from the Not-In-Use (NIU) queue for this DSA. Reclaims occur when a request is issued for programs currently in the Not-In-Use queue. The reclaimed instance of a program is no longer eligible for program compression (DPSC).
Number of ERDSA reclaims from Not-In-Use queue	LDGRECNIUER	The number of reclaims that CICS has made from the Not-In-Use (NIU) queue for this DSA. Reclaims occur when a request is issued for programs currently in the Not-In-Use queue. The reclaimed instance of a program is no longer eligible for program compression (DPSC).
Number of ESDSA reclaims from Not-In-Use queue	LDGRECNIUES	The number of reclaims that CICS has made from the Not-In-Use (NIU) queue for this DSA. Reclaims occur when a request is issued for programs currently in the Not-In-Use queue. The reclaimed instance of a program is no longer eligible for program compression (DPSC).
Number of RDSA reclaims from Not-In-Use queue	LDGRECNIUR	The number of reclaims that CICS has made from the Not-In-Use (NIU) queue for this DSA. Reclaims occur when a request is issued for programs currently in the Not-In-Use queue. The reclaimed instance of a program is no longer eligible for program compression (DPSC).

Table 159. Fields in LOADER views (continued)

Field	Attribute name	Description
Number of SDSA reclaims from Not-In-Use queue	LDGRECNIUS	The number of reclaims that CICS has made from the Not-In-Use (NIU) queue for this DSA. Reclaims occur when a request is issued for programs currently in the Not-In-Use queue. The reclaimed instance of a program is no longer eligible for program compression (DPSC).
Size of CDSA occupied by Not-In-Use (NIU) programs	LDGSTGNIUC	The number of bytes of this DSA's storage occupied by programs on the Not-In-Use (NIU) queue.
Size of ECDSA occupied by Not-In-Use programs	LDGSTGNIUEC	The number of bytes of this DSA's storage occupied by programs on the Not-In-Use (NIU) queue.
Size of ERDSA occupied by Not-In-Use programs	LDGSTGNIUER	The number of bytes of this DSA's storage occupied by programs on the Not-In-Use (NIU) queue.
Size of ESDSA occupied by Not-In-Use programs	LDGSTGNIUES	The number of bytes of this DSA's storage occupied by programs on the Not-In-Use (NIU) queue.
Size of RDSA occupied by Not-In-Use (NIU) programs	LDGSTGNIUR	The number of bytes of this DSA's storage occupied by programs on the Not-In-Use (NIU) queue.
Size of SDSA occupied by Not-In-Use (NIU) programs	LDGSTGNIUS	The number of bytes of this DSA's storage occupied by programs on the Not-In-Use (NIU) queue.
Total time spent waiting for loader	LDGTTW	The suspended time for the number of tasks indicated by LDGWTDLR.
Number of loader requests waiting	LDGWLR	The number of loader domain requests that are currently forced to suspend due to the loader domain currently performing an operation on that program on behalf of another task.
Peak number of waiting loader requests	LDGWLRHW	The maximum number of tasks suspended at one time.
Number of loader requests that waited	LDGWTDLR	The number of loader domain requests that were forced to suspend due to the loader domain performing an operation on that program on behalf of another task.
Rate of program loading	LOADRATE	The rate per second of program load requests.

Table 159. Fields in LOADER views (continued)

Field	Attribute name	Description
Percentage of CDSA held by Not-In-Use programs	PCDSANIU	The amount of this DSA's storage held by programs on the Not-In-Use (NIU) queue expressed as a percentage.
Percentage of ECDSA held by Not-In-Use programs	PECDSANIU	The amount of this DSA's storage held by programs on the Not-In-Use (NIU) queue expressed as a percentage.
Percentage of ERDSA held by Not-In-Use programs	PERDSANIU	The amount of this DSA's storage held by programs on the Not-In-Use (NIU) queue expressed as a percentage.
Percentage of ESDSA held by Not-In-Use programs	PESDSANIU	The amount of this DSA's storage held by programs on the Not-In-Use (NIU) queue expressed as a percentage.
Percentage of waits to program uses	PLOADWAIT	The amount of time suspended tasks spent waiting for loader domain requests expressed as a percentage.
Percentage of RDSA held by Not-In-Use programs	PRDSANIU	The amount of this DSA's storage held by programs on the Not-In-Use (NIU) queue expressed as a percentage.
Percentage of SDSA held by Not-In-Use programs	PSDSANIU	The amount of this DSA's storage held by programs on the Not-In-Use (NIU) queue expressed as a percentage.
Percentage Not-In-Use of DSAs below 16MB in CDSA	PSTGNIUC	The number of programs on the Not-In-Use (NIU) queue for this DSA expressed as a percentage.
Percent Not-In-Use of DSAs above 16MB in ECDSA	PSTGNIUEC	The number of programs on the Not-In-Use (NIU) queue for this DSA expressed as a percentage.
Percentage Not-In-Use of DSAs above 16MB in ERDSA	PSTGNIUER	The number of programs on the Not-In-Use (NIU) queue for this DSA expressed as a percentage.
Percent Not-In-Use of DSAs above 16MB in ESDSA	PSTGNIUES	The number of programs on the Not-In-Use (NIU) queue for this DSA expressed as a percentage.
Percentage Not-In-Use of DSAs below 16MB in RDSA	PSTGNIUR	The number of programs on the Not-In-Use (NIU) queue for this DSA expressed as a percentage.
Percentage Not-In-Use of DSAs below 16MB in SDSA	PSTGNIUS	The number of programs on the Not-In-Use (NIU) queue for this DSA expressed as a percentage.

Table 159. Fields in LOADER views (continued)

Field	Attribute name	Description
Size of RDSA	RDSASIZE	The current size of the read-only dynamic storage area (RDSA). The size of this storage area is calculated and managed by CICS automatically, within the overall limits specified for all the DSAs that reside below the 16MB boundary.
Size of SDSA	SDSASIZE	The current size of the shared dynamic storage area (SDSA). The size of this storage area is calculated and managed by CICS automatically, within the overall limits specified for all the DSAs that reside below the 16MB boundary.
Current DSA total	SMSDSATOTAL	Total amount of storage currently allocated to the DSAs below the line.
DSECT ID mask	SMSDSID	The identifier mask of the SMS DSECT.
DSECT version number	SMSDSVER	The version number of the SMS DSECT.
Current EDSA total	SMSEDSATOTAL	Total amount of storage currently allocated to the DSAs above the line.
Total waiting time for program loads	TLOADWAIT	The amount of time suspended tasks spent waiting for loader domain requests to be satisfied.

Static DFHRPL data set names - RPLLIST

The **static DFHRPL data sets** (RPLLIST) views display information about the relocatable program library data sets concatenated to the DFHRPL DDNAME for each CICS system in the startup JCL. The data sets are listed in the order in which they appear in the DFHRPL DDNAME. Using RPLLIST views, you can determine the source data set of a loaded program if it is in the static DFHRPL concatenation in the CICS startup JCL. If LIBRARY resources are being used to dynamically define load libraries, then the program may not be in the DFHRPL. In this case, use the LIBRARY or PROGRAM views to determine the source data set of a loaded program.

Supplied views

To access from the main menu, click:

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

Table 160. Views in the supplied **Static DFHRPL data sets** *(RPLLIST) view set*

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

Actions

None.

Fields

Table 161. Fields in RPLLIST views

Field	Attribute name	Input values
Return code from SWAREQ	SWAREQRC	The SWAREQ return code
Static RPL data set name	DSNAME	The name of the data set.
Static RPL data set position	RPLNUM	The position of the data set in the static DFHRPL concatenation.
Reason code from SWAREQ	SWAREQRE	The SWAREQ reason code

Task operations views

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

Active tasks - TASK

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

Supplied views

To access from the main menu, click:

CICS operations views > > Active tasks

Table 162. Views in the supplied **Active tasks** *(TASK) view set*

View	Notes
Active tasks EYUSTARTTASK.DETAIL1	Identification details of a selected task
Active tasks EYUSTARTTASK.DETAIL10	Channel usage information about a selected task
Active tasks EYUSTARTTASK.DETAIL11	Task association data
Active tasks EYUSTARTTASK.DETAIL2	Clocks and timings information about a selected task

Table 162. Views in the supplied **Active tasks** *(TASK) view set (continued)*

View	Notes
Active tasks EYUSTARTTASK.DETAIL3	Settings information about a selected task
Active tasks EYUSTARTTASK.DETAIL4	Request count information about a selected task
Active tasks EYUSTARTTASK.DETAIL5	Communications requests information about a selected task
Active tasks EYUSTARTTASK.DETAIL6	Storage usage information about a selected task
Active tasks EYUSTARTTASK.DETAIL7	TCP/IP usage information about a selected task
Active tasks EYUSTARTTASK.DETAIL8	CICS BTS requests information about a selected task
Active tasks EYUSTARTTASK.DETAIL9	CPU and TCB information about a selected task
Active tasks EYUSTARTTASK.DETAILED	Detailed general information about a selected task
Active tasks EYUSTARTTASK.PURGE	Purge a task (terminate it abnormally).
Active tasks EYUSTARTTASK.SET	Set attributes according to new values specified in input fields
Active tasks EYUSTARTTASK.TABULAR	Tabular information about currently executing tasks

Actions

Table 163. Actions available for TASK views

Action	Description
FORCEPURGE	Force CICS to purge a task immediately, regardless of whether system or data integrity can be maintained.
KILL	Force CICS to purge a task immediately when it cannot be cancelled using Purge or Forcepurge
PURGE	Purge a task (terminate it abnormally).
SET	Set attributes according to new values specified in input fields

Fields

Table 164. Fields in TASK views

Field	Attribute name	Description
Current ABEND code	ABCODEC	The identifier of the current abend code.
	ABCODEO	The name of the original abend code.
BTS activity ID	ACTVTYID	The CICS Business Transaction Services activity ID that this task represents.
BTS activity name	ACTVTYNM	The CICS Business Transaction Services Activity Name that this task represents.
Number of ALLOCATE requests	ALLOCATES	The number of ALLOCATE requests issued by this task.
Application name - program	APPLNAMEPROG	Application naming program name.
Application name - transaction	APPLNAMETRAN	Application naming transaction name.
Task attach time	ATTACHTIME	The date and time at which the task was attached.
BTS activity data container requests	BAACDCCT	The number of Activity Data Container requests issued by this task.
BTS acquire requests	BAACQPCT	The number of CICS Business Transaction Server (BTS) Acquire Process and Acquire Activity requests issued by this task.
BTS define activity requests	BADACTCT	The number of Define Activity requests issued by this task.
BTS delete activity and cancel requests	BADCPACT	The number of Delete Activity and Cancel Process/Activity requests issued by this task.
BTS define input event requests	BADFIECT	The number of Define Input Event requests issued by this task.
BTS define process requests	BADPROCT	The number of Define Process requests issued by this task.
BTS link requests	BALKPACT	The number of Link Process/Activity requests issued by this task.
BTS process data container requests	BAPRDCCT	The number of Process Data Container requests issued by this task.
BTS run asynchronous requests	BARASYCT	The number of Run Process/Activity requests issued by this task in Asynchronous mode.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
BTS retrieve reattach event requests	BARATECT	The number of Retrieve Reattach Event requests issued by this task.
BTS resume requests	BARMPACT	The number of Resume Process/Activity requests issued by this task.
BTS reset requests	BARSPACT	The number of Reset ACQprocess/Activity requests issued by this task.
BTS run synchronous requests	BARSYNCT	The number of Run Process/Activity requests issued by this task in Synchronised mode.
BTS suspend requests	BASUPACT	The number of Suspend Process/Activity requests issued by this task.
BTS timer associated event requests	BATIAECT	The number of Timer Associated Event requests issued by this task. This field includes:- • DEFINE TIMER EVENT • CHECK TIMER EVENT • DELETE TIMER EVENT • FORCE TIMER EVENT
BTS total data container requests	BATOTCCT	The total number of Data Container requests issued by this task.
BTS total event requests	BATOTECT	The total number of Event requests issued by this task.
BTS total requests	BATOTPCT	The total number of Process/Activity requests issued by this task.
Total number of BMS requests	BMSCOUNT	The number of terminal control, or basic mapping support (BMS), requests issued by this user task, including MAP, IN, and OUT requests.
Number of BMS map in requests	BMSINCNT	The number of BMS map in requests by this task.
Number of BMS map requests	BMSMAPCNT	The number of BMS map requests by this task.
Number of BMS map out requests	BMSOUTCNT	The number of BMS map out requests by this task.
Transaction ID as started by bridge	BRDGTRAN	Indicates whether this transaction was started by the 3270 bridge facility. The field will indicate not available if CICS monitoring is not switched on. • YES - The task was initiated by the 3270 bridge. • NO - The task was not initiated by the 3270 bridge.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Bridge transaction ID	BRIDGE	The original transaction ID of the current task as initiated by the 3270 bridge.
3270 Bridge Facility Token	BRTOKEN	The 8 byte bridge facility token.
Workload manager begin-to-end phase complete	BTECOMP	Workload manager begin-to-end phase complete.
Number of GETMAIN requests in CDSA	CDSAGETM	The total number of CDSA GETMAIN requests.
Maximum program storage in CDSA	CDSAPSHWM	The high-water mark number of bytes used by this task for programs in the CDSA.
Peak number of bytes used by task in CDSA	CDSASHWM	The peak number of bytes used by this task in CDSA.
	CDSASOCC	The average storage occupancy in the CDSA. This measures the area under the curve of storage in use against elapsed time.
CFDT wait time	CFDTWAIT	This is a composite field displaying one of the following elements: • The elapsed time in which the task waited for CFDT file I/O. • The number of times the task waited for CFDT file I/O.
Number of Primary TC characters received	CHARIN	The number of primary terminal control characters received.
Number of Secondary TC characters received	CHARINSEC	The number of secondary terminal control characters received.
Number of Primary TC characters sent	CHAROUT	The number of primary terminal control characters sent.
Number of Secondary TC characters sent	CHAROUTSEC	The number of secondary terminal control characters sent.
Number of CICS dispatcher change modes	CHMODECT	The number of CICS Dispatcher TCB Change Mode requests issued by this task.
CICS event wait time	CICSWAIT	This is a composite field displaying one of the following elements: • The total CICS event wait time. • The number of times the task waited for an event.
Client IP address	CLIPADDR	The IPv4 or IPv6 address of the client that initiated this task.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Command level security status	CMDSEC	Indicates whether command level security checking is in effect for this task. • CMDSECNO - Command security checking is not in effect. • CMDSECYES - Command security checking is being carried out
Give-up-control wait time	CONTROLWAIT	This is a composite field displaying one of the following elements: • The elapsed time spent waiting after the task gave up control to other transactions. • The number of times the task waited as a result of giving up control to other transactions.
Correlation UOW id	CORREUOW	The ID of the correlation unit of work.
User task CPU time	CPUTIME	This is a composite field displaying one of the following elements: • The CPU time used by this task. • The number of times this task was dispatched. Note: If the dispatch status for this task is RUNNING, the User task CPU time and Task dispatch count will not be accumulated until the end of this dispatch.
Current program being executed	CURRENTPROG	The name of the currently executing program.
DB2 Connection (TCB) wait time	DB2CONWT	This is a composite field displaying one of the following elements: • The amount of time that this task has spent waiting for DB2 connections. • The number of times the task waited for DB2 connections.
DB2 plan name	DB2PLAN	The DB2 plan associated with this task.
DB2 ReadyQ wait time	DB2RDYQW	This is a composite field displaying one of the following elements: • The amount of time that this task has spent waiting on the DB2 ready queue. • The number of times the task waited on the DB2 ready queue.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Total number of DB2 requests	DB2REQCT	The number of DB2 Database requests (SQL and IFI) issued by this task.
DB2 request wait time	DB2WAIT	This is a composite field displaying one of the following elements: • The amount of time that this task has spent waiting for DB2 Database Requests to complete. • The number of times the task waited for DB2 Database Requests to complete.
DCE services delay time	DCEDELAYTIME	The Distributed Computing Environment services delay time.
DCE services wait time	DCEWAITTIME	The Distributed Computing Environment services wait time.
Transaction type details	DETTRANTYPE	The details of the transaction type. Valid values are: BRIDGE, CICSBTS, DPL, MIRROR, NONE, ONCRPC, SYSTEM, WEB.
Current container storage allocated to task.	DFHCHNL329	The current container storage allocated to this task.
Non-persistent sockets	DFHSOCK292	The current number of non-persistent sockets associated with this task.
Persistent sockets	DFHSOCK293	The current number of persistent sockets associated with this task.
Task storage UDSA	DFHSTOR033	The UDSA storage for the task.
Program storage - Total	DFHSTOR087	Total program storage.
Task storage EUDSA	DFHSTOR106	EUDSA storage for the task.
Program storage - Below	DFHSTOR108	Program storage below the line.
Task storage CDSA	DFHSTOR116	CDSA storage for the Task.
Task storage ECDSA	DFHSTOR119	ECDSA storage for the Task.
Program storage - ERDSA	DFHSTOR122	ERDSA storage for the Program.
Program storage - Above	DFHSTOR139	Above the line program storage.
Program storage - ECDSA	DFHSTOR142	ECDSA storage for the Program.
Program storage - CDSA	DFHSTOR143	CDSA storage for the Program.
Program storage - SDSA	DFHSTOR160	SDSA storage for the Program.
Program storage - ESDSA	DFHSTOR161	ESDSA storage for the Program.
Program storage - RDSA	DFHSTOR162	RDSA storage for the Program.
Current CICS dispatcher TCBs	DFHTASK252	The current number of CICS dispatcher TCBs.
Number of Document Create requests	DHCRECT	The number of document create requests issued by this task.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Number of Document Insert requests	DHINSCT	The number of document insert requests issued by this task.
Number of Document Retrieve requests	DHRETCT	The number of document retrieve requests issued by this task.
Number of Document Set requests	DHSETCT	The number of document set requests issued by this task.
Total number of Document requests	DHTOTCT	The total number of Document Handling requests issued by this task.
Total length of documents created	DHTOTDCL	The total length of documents created by this task.
User task dispatch time	DISPTIME	This is a composite field displaying one of the following elements: • The elapsed time since the task was dispatched. • The number of times this task was dispatched.
First dispatch delay time	DSPDELAY	This is a composite field displaying one of the following elements: • The elapsed time waiting for the first dispatch This time includes the time waiting for MAXT or TRANCLASS limits. • The number of delays during the first dispatch.
Dynamic transaction backout option	DTB	Indicates how uncommitted changes made to recoverable resources by this task are handled if the task fails. • BACKOUT - Changes are backed out. • COMMIT - Changes are committed. • WAIT - Changes are put into a wait state.
	DTIMEOUT	Indicates the deadlock time-out interval (in seconds). CICS abends a task that waits longer than its deadlock timeout value for a locked resource.
Transaction dump option	DUMPING	Indicates whether transaction dumps will be taken if the task terminates abnormally. • NOTRANDUMP - Transaction dumps will not be taken. • TRANDUMP - Transaction dumps will be taken.
Number of GETMAIN requests in ECDSA	ECDSAGETM	The total number of ECDSA GETMAIN requests.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Maximum program storage in ECDSA	ECDSAPSHWM	The high-water mark number of bytes used by this task for programs in the ECDSA.
Peak number of bytes used by task in ECDSA	ECDSASHWM	The peak number of bytes used by this transaction in ECDSA
	ECDSASOCC	The average storage occupancy in the ECDSA. This measures the area under the curve of storage in use against elapsed time.
Delay time for enqueue	ENQDELAY	This is a composite field displaying one of the following elements: • The elapsed time waiting for a task control enqueue. • The number of times this task waited for a task control enqueue.
Workload manager execution phase complete	EXECOMP	Workload manager execution phase complete.
External wait time	EXTERNWAIT	This is a composite field displaying one of the following elements: • The elapsed time spent waiting for resources external to CICS. • The number of times the task waited for resources external to CICS. These waits can arise as a result of issuing WAIT EXTERNAL commands or as a result of CICS waiting for external events.
Exception wait time	EXWAIT	This is a composite field displaying one of the following elements: • The total elapsed time the task has waited on exception conditions. • The number of times this task waited on exception conditions.
Principal facility	FACILITY	The name of the facility associated with initiation of this task, if that facility is a transient data queue or a terminal or system. If the task was initiated otherwise, the facility value is blanks. The FACILITYTYPE field tells you what type of facility caused task initiation, and therefore what FACILITY represents.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Facility type	FACILITYTYPE	The type of facility that initiated this task. Valid values are: • DEST - CICS initiated the task to process a transient data queue which had reached its trigger level. • TASK - Another task initiated the task with a START command that did not specify a terminal, or CICS created the task internally. • TERM - Either the task was initiated to process unsolicited input or another task initiated the task with a START command with the TERMID option.
Number of file control WRITE requests	FCADDCNT	The total number of file control add/new record write requests issued by this task.
Number of file control access method requests	FCAMCNT	The total number of Access Method (VSAM and BDAM) requests issued for this task by CICS file control.
Number of file control browse requests	FCBRWCNT	The total number of file control getnext and getprevious requests issued by this task.
Total number of file control requests	FCCOUNT	The number of file control requests issued by this user task, excluding OPEN, CLOSE, ENABLE, and DISABLE requests.
Number of file control DELETE requests	FCDELCNT	The total number of file control delete requests issued by this task.
Number of file control READ requests	FCGETCNT	The total number of file control get/read requests issued by this task.
File control I/O wait time	FCIOTIME	This is a composite field displaying one of the following elements: • The total file control I/O wait time. • The number of times this task waited for file control I/O.
Number of file control REWRITE requests	FCPUTCNT	The total number of file control put/write requests issued by this task.
First program name	FIRSTPRGM	The name of the first program invoked at task-attach time.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Global ENQ delay time	GNQDELAY	This is a composite field displaying one of the following elements: • The amount of time spent by this task waiting for a Global enqueue. • The number of times that this task waited for a Global enqueue.
Number of interval control requests	ICCOUNT	The number of interval control START or INITIATE requests issued by this task. This includes the number of transactions started with EXEC CICS START transid commands, the number of Automatic Transaction Initiations, and the number of internally issued interval control initiates.
User data provided by the bridge exit	IDENT	The identifier supplied by 3270 bridge which may be used to associate this CICS task with the input from the 3270 bridge.
Total number of IMS requests	IMSREQCT	The number of IMS Database requests issued by this task.
IMS request wait time	IMSWAIT	This is a composite field displaying one of the following elements: • The amount of time that this task has spent waiting for IMS Database Requests to complete. • The number of times the task waited for IMS Database Requests to complete.
Transaction in-doubt option	INDOUBT	Indicates the action to be taken when a CICS region fails, or loses connectivity with its coordinator, during two-phase commit processing, and the UOW has entered an in-doubt state. If WAIT is specified in the Wait Option field, this field has no effect until the wait time expires. The valid values are: • BACKOUT - All changes made to recoverable resources are backed out and the resources are returned to the state they were in before the start of the UOW. • COMMIT - All changes made to recoverable resources are committed and the in-flight UOW is marked as completed.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Recovery manager UOW indoubt failure	INDOUBTFAIL	Indicates whether an in-doubt UOW is to wait pending recovery from a failure that occurs after the UOW has entered the in-doubt state. The valid values are WAIT and NOWAIT.
In-doubt time (minutes)	INDOUBTMINS	The length of time, in minutes, after a failure during the in-doubt period, before the task is to take the action indicated in in-doubt Option field (COMMIT or BACKOUT).
In-doubt wait option	INDOUBTWAIT	Indicates whether an in-doubt UOW is to wait pending recovery from a failure that occurs after the UOW has entered the in-doubt state. The valid values are WAIT and NOWAIT.
Number of interval control requests	INTVLC	The total number of interval control START, CANCEL, DELAY and RETRIEVE requests issued by the user task.
Interval control delay time	INTVLWAIT	This is a composite field displaying one of the following elements: • The total interval control delay time. • The number of times the task waited as a result of interval control services.
Number of IP facilities associated with task	IPFACCNT	The number of IP facilities currently associated with this task.
Pointer to IP facilities associated with task	IPFACPTR	A pointer to the list of IP facilities associated this task.
Inter-region communication I/O wait time	IRIOTIME	This is a composite field displaying one of the following elements: • The total inter-region communication I/O wait time. • The number of times this task waited for inter-region communication I/O.
Data isolation type	ISOLATEST	Identifies whether the user key task-lifetime storage is isolated from the user-key programs of other transactions. • ISOLATE - Storage is isolated. • NOISOLATE - Storage is not isolated.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
J8 TCB mode CPU time	J8CPUT	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the J8 TCB Mode. • The number of times this task was dispatched on the J8 TCB Mode. This mode is used by Java applications.
Journal control I/O wait time	JCIOTIME	This is a composite field displaying one of the following elements: • The total journal control I/O wait time. • The number of times this task waited for journal control I/O.
Number of journal output requests	JCUSRWCNT	The number of invoke web service requests issued by this task.
Number of journal write requests	JRNLWRITREQ	The number of journal write requests issued by this task.
Total Java virtual machine (JVM) suspend time	JVMSUSP	This is a composite field displaying one of the following elements: • The amount of elapsed time this task was suspended back in CICS while executing as a Java Virtual Machine (JVM). • The number of times that this task was suspended back in CICS while executing as a Java virtual machine (JVM).
Total Java virtual machine (JVM) elapsed time	JVMTIME	This is a composite field displaying one of the following elements: • The amount of elapsed time this task spent executing as a Java virtual machine (JVM), including time suspended (see JVM suspend time). • The number of times that this task executed as a Java virtual machine (JVM).

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
L8 TCB mode CPU time	L8CPUT	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the L8 TCB Mode. • The number of times this task was dispatched on the L8 TCB Mode. This mode is used by programs that are defined to be CONCURRENCY=THREADSAFE when they issue DB2 requests.
Lock manager wait time	LOCKMGRWAIT	This is a composite field displaying one of the following elements: • The elapsed time in which the user task waited to acquire a lock on a resource. • The number of times the user task waited to acquire a lock on a resource. A user task cannot explicitly acquire a lock on a resource, but many CICS modules lock resources on behalf of user tasks using the CICS lock manager (LM) domain
Number of CICS logger write requests	LOGGRWRITREQ	The number of CICS Logger write requests issued by this task.
LU6.1 I/O wait time	LU61WTT	This is a composite field displaying one of the following elements: • The total LU6.1 I/O wait time. • The number of times this task waited for LU6.1 I/O.
LU6.2 I/O wait time	LU62WTT	This is a composite field displaying one of the following elements: • The total LU6.2 I/O wait time. • The number of times this task waited for LU6.2 I/O.
VTAM LU name	LUNAME	The name of the VTAM logical unit of the terminal associated with this transaction.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Other TCB mode CPU time	MSCPUT	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has been dispatched on TCB Modes other than QR, H8, J8, L8, and S8 TCB Modes. • The number of times that this task 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, and so on.
Other TCB mode dispatch time	MSDISPT	This is a composite field displaying one of the following elements: • The amount of time that this task has been dispatched on TCB Modes other than QR, H8, J8, L8, and S8 TCB Modes. • The number of times that this task 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, and so on.
Number of Primary TC message receives	MSGIN	The number of primary terminal control messages received.
Number of Secondary TC message receives	MSGINSEC	The number of secondary terminal control messages received.
Number of Primary TC message sends	MSGOUT	The number of primary terminal control messages sent.
Number of Secondary TC message sends	MSGOUTSEC	The number of secondary terminal control messages sent.
First dispatch delay time caused by MXT limit	MXTDELAY	This is a composite field displaying one of the following elements: • The elapsed time waiting for first dispatch which was delayed because of the limits set by the system parameter, MXT, being reached. • The number of delays during the first dispatch due to the limits set by the system parameter, MXT, being reached.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Maximum delay time on an open TCB	MXTOTDLY	This is a composite field displaying one of the following elements: • Delay incurred by this task due to waiting on the MAXOPENTCBS Open TCB limit (including that there may be free Open TCBs but they cannot be used by this task). • The number of times the task waited on the MAXOPENTCBS Open TCB limit (including that there may be free Open TCBs but they cannot be used by this task).
Originating system netname	NETNAME	The network name of the originating system.
Network id of UOW	NETUOWID	Network ID of the unit of work.
Originating application ID	OAPPLID	The applid of the CICS region in which this work request (transaction) originated; (for example, the region in which the CWXN task ran)
Originating client IP address	OCLIPADR	The IPv4 or IPv6 address of the originating client (or Telnet client).
Originating client port number	OCLIPORT	The TCP/IP port number of the originating client (or Telnet client).
Originating facility name	OFCTYNME	The facility name of the originating transaction. If the originating transaction is not associated with a facility, this field is null. The transaction facility type, if any, can be identified using byte 0 of the transaction flags, OTRANFLG (370), field.
Originating network ID	ONETWKID	The network ID of the APPLID taken from the Origin Descriptor associated with this task.
Originating port number	OPORTNUM	The port number used by the originating TCPIPSERVICE.
Transaction origin type	ORIGINTYPE	The source of the transaction. This is an interpretation of the primary transaction client type with which the transaction was attached using the CICS transaction manager.
Originating start time	OSTART	The time at which the originating task (for example, the CWXN task) was started.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Originating TCPIPSERVICE name	OTCPSVCE	The name of the originating TCPIPSERVICE.
Originating task ID	OTRAN	The transaction ID (TRANSID) of the originating task (for example, the CWXN task).
Originating transaction flags	OTRANFLG	Originating transaction flags, a string of 64 bits used for signaling transaction definition and status information
Originating task ID	OTRANNUM	The number of the originating task (for example, the CWXN task).
Originating user correlation data	OUSERCOR	The originating user correlator.
Originating user ID	OUSERID	The originating Userid-2 or Userid-1 (for example, from CWBA), depending on the originating task.
Maximum read-only storage in RDSA	PC24RHWM	Maximum amount (high-water mark) of program storage in use by the user task below the 16MB line, in read-only dynamic storage area (RDSA).
Maximum shared storage in SDSA	PC24SHWM	Maximum amount (high-water mark) of program storage in use by the user task below the 16MB line, in the shared dynamic storage area (SDSA).
Maximum shared storage in ESDSA	PC31SHWM	Maximum amount (high-water mark) of program storage in use by the user task above the 16MB line, in the extended shared dynamic storage area (ESDSA).
Distributed program link (DPL) request count	PCDPLCT	The total number of times this task has issued a CICS Program Control Distributed Program Link to another CICS system.
Number of program link requests	PCLINKCNT	The total number of program link requests issued by this task.
Number of program load requests	PCLOADCNT	The total number of program load requests issued by this task.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Program load time	PCLOADTM	This is a composite field displaying one of the following elements: • The elapsed time in which the user task waited for fetches from DFHRPL or dynamic LIBRARY concatenations. • The number of times this task waited for program fetches from DFHRPL or dynamic LIBRARY concatenations. Only fetches for programs with installed program definitions or autoinstalled as a result of application requests are included in this figure. However, installed programs residing in the LPA are not included because they do not incur a physical fetch from a LIBRARY.
Number of user replaceable module (URM) links	PCLURMCT	The number of times that this transaction has issued a link to a user replaceable module.
	PCXCTLCNT	The number of program XCTL requests issued by this task.
Number of performance records	PERFRECCNT	The number of performance records written by the CICS Monitoring Facility (CMF) for this task.
Maximum container storage allocated to task.	PGCSTHWM	The maximum container storage allocated to this task.
BTS process ID	PRCSID	The CICS-assigned identifier of the CICS BTS root activity that the user task implemented.
BTS process name	PRCSNAME	The CICS Business Transaction Services Process Name that this task represents.
BTS process type	PRCSTYPE	The CICS Business Transaction Services Process Type that this task represents.
Task priority	PRIORITY	The total priority of the task. Total priority is the sum of the priority of the user associated with the task, the priority of the terminal which is the principal facility, and the priority of the transaction being executed.
Task profile name	PROFILE	The profile name for the task.
Maximum program storage below 16 MB line	PSTG24HWM	The maximum amount of program storage in use by this user task below the 16MB line.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Maximum program storage above 16 MB line	PSTG31HWM	The maximum amount of program storage in use by this user task above the 16MB line.
Maximum program storage across all DSAs	PSTGHWM	The high-water mark number of bytes used by this task for programs in all DSAs.
Purgeability status	PURGEABILITY	Identifies whether the task is purgeable in a system stall condition. • NOTPURGEABLE - Task is not purgeable. • PURGEABLE - Task is purgeable.
Purge Type	PURGETYPE	Purge Type of the task.
CPU time used on QR TCB	QRCPUT	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the QR TCB Mode. • The number of times that this task was dispatched on the QR TCB Mode.
Dispatch time whilst running on QR TCB	QRDISPT	This is a composite field displaying one of the following elements: • The amount of time that this task has spent dispatched on the QR TCB Mode. • The number of times that this task was dispatched on the QR TCB Mode.
Delay time whilst running on QR TCB	QRMODDLY	This is a composite field displaying one of the following elements: • The amount of time that this task has spent waiting while on the QR TCB mode plus the time spent waiting to switch back to QR TCB mode from another TCB mode. • The number of times the task waited while on the QR TCB mode, including waiting to switch back to QR TCB mode from another TCB mode.
	RECOVERTOKN	The Unit of work ID for the recovery manager.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
	RECTYPE	The performance record type. This field indicates the reason why a performance record has been output for the user task. It can be one of the following values: • C - Record output for a terminal converse • D - Record output for a SET MONITOR against a user defined Event Monitoring Point (EMP) that specifies PERFORM=DELIVER • F - Record output for a long-running transaction • S - Record output for a syncpoint request • T - Record output for a task termination (detach) For transaction resource class data, this field is always T.
Local unit of recovery ID	RECUNITID	The ID of the local unit of recovery.
Remote transaction name	REMOTENAME	Name of the transaction that will be run in a remote system.
Recovery manager UOW resolved with indoubt action	RESOLVEACT	The total number of units of work that lost connection to their recovery coordinator during syncpoint processing that were resolved with indoubt action.
Task response time	RESPTIME	The task response time in milliseconds.
Resource level security status	RESSEC	Indicates whether resource security checking is in effect for this task. • RESSECNO - Resource security checking is not in effect. • RESSECYES - Resource security checking is being carried out
CPU time used by VSAM record level sharing	RLSCPUT	This is a composite field displaying one of the following elements: • The total amount of CPU time spent by this transaction performing RLS requests which run in SRB mode. • The number of times the task performed RLS requests which run in SRB mode.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
VSAM record level sharing wait time	RLSWAITTIME	This is a composite field displaying one of the following elements: • The elapsed time in which the task waited for RLS file I/O. • The number of times the task waited for RLS file I/O.
RMI suspend time	RMISUSP	This is a composite field displaying one of the following elements: • The elapsed time the task was suspended while in the CICS Resource Manager Interface (RMI). • The number of times the task was suspended while in the CICS Resource Manager Interface (RMI).
Total RMI elapsed time	RMITIME	This is a composite field displaying one of the following elements: • The total elapsed time the task spent in the CICS Resource Manager Interface (RMI) including time suspended. • The number of times the task invoked the CICS CICS Resource Manager Interface (RMI).
Recovery manager UOW resource owner failure	ROFAIL	Recovery manager UOW resource owner failure.
Maximum program storage in ERDSA	ROPS31HWM	The high-water mark number of bytes used by this task for programs in the ERDSA (read-only storage above the 16M line).
Dynamic routing type	ROUTING	Indicates whether the task may be or may have been subjected to dynamic routing. • DYNAMIC - The task can be or could have been routed dynamically. • STATIC - The task is static.
RRMS/MVS unit of recovery ID	RRMSURID	The Unit of Recovery ID/token given to CICS by RRMS/MVS.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
RRMS/MVS syncpoint coordination delay time	RRMSWAIT	This is a composite field displaying one of the following elements: • The amount of time spent by this task waiting for syncpoint coordination with RRMS/MVS. • The number of times that this task waited for syncpoint coordination with RRMS/MVS.
	RSVD1	Reserved space.
Reserved space	RSVD2	Reserved space.
Remote system ID	RSYSID	Name of the remote system where the transaction defined by remotename is defined.
Read timeout (seconds)	RTIMEOUT	Indicates the read time-out value (in seconds), after which this task is terminated if no input is received.
Runaway task time (milliseconds)	RUNAWAY	Indicate the amount of time (in milliseconds), for which any task can have control of the processor before it is assumed to be in a runaway condition. When the interval expires, the task is abnormally terminated.
Dispatch status	RUNSTATUS	Indicates which processing queue the task is currently on (DISPATCHABLE, RUNNING, or SUSPENDED).
Run synchronous transaction wait time	RUNTRWTT	This is a composite field displaying one of the following elements: • The total amount of time that this transaction has spent waiting for a transaction it attached synchronously to complete. • The number of times the task waited for a transaction it attached synchronously to complete. For CICS BTS this field will record the times this task spent waiting for a Run Process or Run Activity to execute synchronously.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
S8 TCB mode CPU time	S8CPUT	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the S8 TCB Mode. • The number of times this task was dispatched on the S8 TCB Mode. This mode is used when making secure sockets calls.
Screen size	SCRNSIZE	Indicates whether the alternate or default screen size will be used by this task. • ALTERNATE - The alternate screen size will be used. • DEFAULT - The default screen size will be used.
Shared temporary storage wait time	SHAREDTSWAIT	This is a composite field displaying one of the following elements: • The total shared temporary storage wait time. • The number of times the task waited for shared temporary storage.
FREEMAIN bytes of shared storage above 16 MB line	SHSTGBYTEFMA	The total number of FREEMAIN bytes of shared storage above 16MB.
FREEMAIN bytes of shared storage below 16 MB line	SHSTGBYTEFMB	The total number of FREEMAIN bytes of shared storage below 16MB.
GETMAIN bytes of shared storage above 16 MB line	SHSTGBYTEGMA	The total number of GETMAIN bytes of shared storage above 16MB.
GETMAIN bytes of shared storage below 16 MB line	SHSTGBYTEGMB	The total number of GETMAIN bytes of shared storage below 16MB.
Shared storage GETMAIN requests above 16 MB line	SHSTGGMCABV	The number of GETMAIN requests issued by this task for shared storage above the 16MB line, in the ECDSA or ESDSA.
Shared storage GETMAIN requests below 16 MB line	SHSTGGMCBEL	The number of GETMAIN requests issued by this task for shared storage below the 16MB line, in the CDSA or SDSA. Note that these figures are NOT included in the CDSA or SDSA getmain count figures.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Recovery manager UOW shunted	SHUNTED	The total number of units of work that lost connection to their recovery coordinator during syncpoint processing and had to be shunted for indoubt failure.
Number of socket bytes decrypted	SOBYDECT	The total number of bytes decrypted by this task that were passed over the TCP/IP Sockets Interface.
Number of socket bytes encrypted	SOBYENCT	The total number of bytes encrypted by this task that were passed over the TCP/IP Sockets Interface.
TCP/IP sockets I/O wait time	SOIOWTT	This is a composite field displaying one of the following elements: • The amount of time spent by this task waiting for socket sends or receives to complete. • The number of times that this task waited for socket sends or receives to complete. This includes the times spent by this task on the SO, SL and S8 TCB modes.
CFDT syncpoint wait time	SRVSYWTT	This is a composite field displaying one of the following elements: • The elapsed time in which the task waited for CFDT syncpoints to complete. • The number of times the task waited for CFDT syncpoints to complete.
Task start time	START	The time when the task started.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
	STARTCODE	A 2-character value indicating how this task started. Possible values are: • D - The task was initiated to process a distributed programming link (DPL) command that did not specify the SYNCONRETURN option. (The task is not allowed to issue syncpoints.) • DS - The task was initiated to process a distributed programming link (DPL) command containing the SYNCONRETURN option. (The task is allowed to issue syncpoints). • QD - CICS initiated the task to process a transient data queue that had reached trigger level. • S - Another task initiated this one, using a START command that did not pass data in the FROM option. The START command may or may not have passed a channel. • SD - Another task initiated this one, using a START command that passed data in the FROM option. • SZ - The task was initiated with a FEPI START command (see the Front End Programming Interface Guide for further information). • TO - The task was initiated to process unsolicited input from a terminal (or another system), and the transaction to be executed was determined from the input. • TP - The task was initiated to process unsolicited input or in response to a RETURN IMMEDIATE command in another task. In either case, the transaction to be executed was preset (in the RETURN command or in the associated TERMINAL definition) without reference to input. • U - CICS created the task internally. Note: When the IIOP request processor is run locally the startcode for an ASSIGN command or an INQUIRE TASK is U. When the IIOP request processor is run remotely, over an MRO link, the startcode for these commands is TO. (If you attempt to run the IIOP request

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Task stop time	STOP	The stop time of the task.
	STORAGECLEAR	Indicates whether CICS should clear storage that is released from this task (to prevent other tasks accidentally viewing confidential data). Values are: • CLEAR - Storage is cleared. • NOCLEAR - Storage will not be cleared.
WLM subset of execution phase complete	SUBEXECOMP	WLM subset of execution phase complete.
Time task has been suspended	SUSPENDTIME	The number of seconds (rounded down) for which the task has been suspended since last dispatch, if its RUNSTATUS value is SUSPENDED. If the task is running or dispatchable, the SUSPENDTIME value is 0.
Reason task is suspended	SUSPENDTYPE	Indicates why this task is suspended, if it is (blanks are returned for tasks that are running or dispatchable).
Resource for which task is waiting	SUSPENDVALUE	The name of the resource for which this task is waiting (the name of the file if the task is enqueued on a record, for example). SUSPENDVALUE applies only to suspended tasks; if the task is running or dispatchable, the value returned is blanks.
Task suspend time	SUSPTIME	This is a composite field displaying one of the following elements: • The total elapsed time for which the task was suspended. • The number of times this task was suspended.
Number of syncpoint requests	SYNCCOUNT	The number of syncpoint requests issued by this task.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Waiting for parent syncpoint delay time	SYNCDLY	This is a composite field displaying one of the following elements: • The total amount of time that this transaction has spent waiting for its parent transaction to syncpoint, such that its updates will be committed. • The number of times the task waited for a its parent transaction to syncpoint, such that its updates will be committed. For CICS BTS this field records the times this task spent waiting for a syncpoint from its parent task that started this task by issuing Run Process or Run Activity Synchronously.
Syncpoint wait time	SYNCPTWAITTM	This is a composite field displaying one of the following elements: • The total elapsed time for which this task was dispatched or suspended while processing syncpoint requests. • The number of times the task was dispatched or suspended while prcessing syncpoint requests.
Number of FEPI allocate timeouts	SZALLCTO	Number of times the user task timed out while waiting to allocate a conversation.
Number of FEPI allocate requests	SZALLOCT	Number of conversations allocated by the user task.
Number of FEPI characters received	SZCHRIN	Number of characters received through FEPI by the user task.
Number of FEPI characters sent	SZCHROUT	Number of characters sent through FEPI by the user task.
Number of FEPI receive requests	SZRCVCT	Number of FEPI RECEIVE requests made by the user task.
Number of FEPI receive timeouts	SZRCVTO	Number of times the user task timed out while waiting to receive data.
Number of FEPI send requests	SZSENDCT	Number of FEPI SEND requests made by the user task.
Number of FEPI start requests	SZSTRTCT	Number of FEPI START requests made by the user task.
Total number of FEPI requests	SZTOTCT	Total number of all FEPI API and SPI requests made by the user task.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
FEPI suspend time	SZWAIT	This is a composite field displaying one of the following elements: • Total elapsed time for which the user task waited for all FEPI services. • The number of times this task waited for any FEPI service.
Active tasks	TASK	The ID of the task.
	TASKDATAKEY	The storage key of the storage CICS allocates at task initialization for the duration of the task (task-lifetime storage), and which is accessible by the application. These storage areas are the EXEC interface block (EIB) and the transaction work area (TWA). Values are: • Userdatakey - CICS obtains user-key storage for this transaction. Application programs executing in any key can both read and modify these storage areas. • Cicsdatakey - obtains CICS-key storage for this transaction. Application programs executing in CICS key can both read and modify these storage areas. Application programs executing in user key can only read these storage areas. Userdatakey must be specified if any of the programs in the transaction is defined with USER. If you specify Cicsdatakey for a transaction, an attempt to run any program in user key under this transaction leads to a task abend, with abend code AEZD.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
	TASKDATALOC	Indicates whether task life-time storage acquired by CICS for the duration of the transaction can be located above the 16MB line in virtual storage. These areas, which relate to specific CICS tasks, include the EXEC interface block (EIB) and the transaction work area (TWA). Values are: • BELOW - Storage areas that CICS acquires for the transaction must be located below the 16MB line. • ANY - Storage areas that CICS acquires for the transaction can be located above the 16MB line in virtual storage.
	TASKFLAG	The transaction error flags for this task.
CICS TCB type	TCB	The type of CICS TCB under which the task is running: • CKOPEN - The task is running under a CICS key open TCB. • UKOPEN - The task is running under a user key open TCB. • QR - The task is running under the CICS quasi-reentrant TCB. • INTERNAL - The user task is running under one of the other CICS-managed TCBs.
Number of CICS dispatcher TCB attaches	TCBATTCT	The number of CICS Dispatcher TCB Attaches issued by this task.
	TCC62IN2	The number of secondary LU6.2 characters received by this task.
Number of secondary LU6.2 characters sent	TCC62OU2	Number of characters sent to the alternate facility by the user task for LU6.2 sessions.
Terminal I/O wait time	TCIOTIME	This is a composite field displaying one of the following elements: • The total terminal I/O wait time. • The number of times this task waited for terminal I/O.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
First dispatch delay time caused by TCL	TCLDELAY	This is a composite field displaying one of the following elements: • The elapsed time waiting for the first dispatch which was delayed because of the limits set for this transaction's transaction class. • The number of delays during the first dispatch due to limits set for this transaction's transaction transaction class.
Number of secondary LU6.2 messages received	TCM62IN2	Number of messages received from the alternate facility by the user task for LU6.2 sessions.
Number of secondary LU6.2 messages sent	TCM62OU2	Number of messages sent to the alternate facility by the user task for LU6.2 sessions.
Total number of transient data requests	TDCOUNT	The number of transient data requests issued by this user task, including GET, PUT, and PURGE requests.
Number of transient data get requests	TDGETCNT	The total number of Transient Data get/read requests issued by this task.
Transient data I/O wait time	TDIOTIME	This is a composite field displaying one of the following elements: • The total transient data I/O wait time. • The number of times this task waited for transient data I/O.
Number of transient data purge requests	TDPURCNT	The total number of Transient Data purge/delete requests issued by this task.
Number of transient data put requests	TDPUTCNT	The total number of Transient Data put/write requests issued by this task.
Terminal connection name	TERMCONNAME	The name of the terminal session connection.
Actual terminal ID or session ID	TERMID	This is the actual Terminal Identification that the task is executing upon. In a Transaction Routing environment this will be the ID of the Session the task is routed across and TermConn will contain the system ID of the connection that this session belongs to.
	TERMNALINFO	Terminal information.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
	TERMSTG	The average amount of terminal storage (TIOA) allocated to the terminal associated with the transaction.
CorbaServer name	TMRCBRNM	The name of the CorbaServer associated with the task.
Number OO class library API requests	TMRCFACT	The total number of OO class library API requests.
Client IP Port	TMRCIPOR	The port number of the client.
	TMRCMDLY	This is a composite field displaying one of the following elements: • The elapsed time in which the user task waited for redispatch after a CICS Dispatcher change-TCB mode request was issued by or on behalf of the user task. • The number of times the user task waited for redispatch after a CICS Dispatcher change-TCB mode request was issued by or on behalf of the user task. For example, a change-TCB mode request from a CICS L8 or S8 mode TCB back to the CICS QR mode TCB might have to wait for the QR TCB because another task is currently dispatched on the QR TCB.
Number of Document Delete requests	TMRDHDLC	The number of document delete requests issued by this task.
	TMRDSCWT	This is a composite field displaying one of the following elements: • The elapsed time which the user task spent waiting because no TCB was available, and none could be created because of MVS storage constraints. • The number of times the user task waited because no TCB was available, and none could be created because of MVS storage constraints.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
	TMRDSMWT	This is a composite field displaying one of the following elements: • The total amount of TCB mismatch wait time, that is, TCB requests that waited because there was no TCB available matching the request, but there was at least one non-matching free TCB. • The number of TCB requests that waited because there was no TCB available matching the request, but there was at least one non-matching free TCB.
CICS dispatcher TCB high water mark	TMRDSTHW	The peak number of CICS dispatcher TCBs in use.
Number of bean state activation requests	TMREJBAC	The number of bean state activation requests issued by this task.
Number of bean creation requests	TMREJBCC	The number of enterprise bean creation requests issued by this task.
Number of bean state passivation requests	TMREJBPC	The number of bean state passivation requests issued by this task.
Number of bean removal requests	TMREJBRC	The number of ALLOCATE requests issued by this task.
Total number of Enterprise bean requests	TMREJBTC	The number of enterprise bean requests issued by this task.
Number of Enterprise bean method calls	TMREJMCT	The number of enterprise bean method calls issued by this task.
Maximum Hot-Pooling TCB delay time	TMRHTDLY	This is a composite field displaying one of the following elements: • The elapsed time in which the user task waited to obtain a CICS Hot-Pooling TCB (H8 mode), because the CICS system had reached the limit set by the system parameter, MAXHPTCBS. • The number of times the task waited on the limit set by the system parameter MAXHPTCBS.
Total local START CHANNEL requests	TMRICSCC	The number of local START CHANNEL requests issued by this task.
Data length of all local START CHANNEL requests	TMRICSCD	The data length of all local START CHANNEL requests issued by this task.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Total remote START CHANNEL requests	TMRICSRC	The total number of remote START CHANNEL requests issued by this task.
Data length of all remote START CHANNEL requests	TMRICSRD	The data length of all remote START CHANNEL requests issued by this task.
Number of IPCONN allocate requests	TMRISACT	The number of allocate session requests issued by the task for sessions on IP intercommunications connections.
IPCONN Name	TMRISCNM	The name of the IP interconnectivity entry (IPCONN) that defines an IP intercommunications connection associated with this transaction.
IPCONN I/O wait time	TMRISWT	This is a composite field displaying one of the following elements: • The amount of time the task has spent waiting for the work on the IP intercommunications connection to complete. • The number of times the task waited for work on the IP intercommunications connection to complete.
J9 TCB mode CPU time	TMRJ9CPU	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the J9 TCB Mode. • The number of times this task was dispatched on the J9 TCB Mode.
Maximum Java virtual machine (JVM) TCB delay time	TMRJTDLY	This is a composite field displaying one of the following elements: • Delay incurred by this task due to waiting on the MAXJVMTCBS limit. • The number of times the task waited on the limit set by the system parameter MAXJVMTCBS.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Java virtual machine elapsed time - initialise	TMRJVMIT	This is a composite field displaying one of the following elements: • The elapsed time spent initializing the JVM environment. • The number of times the JVM environment was initialized.
Java virtual machine elapsed time - resetting	TMRJVMRT	This is a composite field displaying one of the following elements: • The elapsed time spent resetting the JVM environment. • The number of times the JVM environment was reset.
User task key 8 mode CPU time	TMRKY8CP	This is a composite field displaying one of the following elements: • The key 8 mode CPU time used by this task. • The number of times that this task was dispatched in key 8 mode.
User task key 8 mode dispatch time	TMRKY8DS	This is a composite field displaying one of the following elements: • The key 8 mode dispatch time used by this task. • The number of times that this task was dispatched in key 8 mode.
User task key 9 mode CPU time	TMRKY9CP	This is a composite field displaying one of the following elements: • The total CPU time during which the user task was dispatched by the CICS dispatcher on a CICS Key 9 mode TCB. • The number of times this task was dispatched on a key 9 mode TCB. L9 mode TCBs are used for USERKEY OPENAPI application programs.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
User task key 9 mode dispatch time	TMRKY9DS	This is a composite field displaying one of the following elements: • The total elapsed time during which the user task was dispatched by the CICS dispatcher on a CICS Key 9 mode TCB. • The number of times this task was dispatched on a key 9 mode TCB. L9 mode TCBs are used for USERKEY OPENAPI application programs.
User task L9 mode CPU time	TMRL9CPU	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the L9 TCB Mode. • The number of times this task was dispatched on the L9 TCB Mode. L9 mode TCBs are used for USERKEY OPENAPI application programs.
Websphere MQ Getwait wait time	TMRMQGWT	This is a composite field displaying one of the following elements: • The amount of time the task has spent waiting for WebSphere MQ to service the task's GETWAIT requests. • The number of times the task waited for WebSphere MQ to service the task's GETWAIT requests.
Network id	TMRNETID	The ID of the network.
LU6.2 network-wide UOW instance & sequence number	TMRNETSX	The name by which the network unit-of-work ID is known within the originating system. This name is assigned at transaction attach time using either a STCK-derived token created by the originating system, or the network unit-of-work ID passed as part of an IRC (MRO) or ISC (APPC) attach function management header (FMH).

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
OTS indoubt wait time	TMROIDWT	This is a composite field displaying one of the following elements: • The object transaction service indoubt wait time. • The number of times that this task waited indoubt for object transaction services.
OTS transaction id	TMROTSID	The Object Transaction Service transaction wait time.
Number of DPL program link requests with channel	TMRPCDCC	The number of DPL program link requests issued by this task.
Data length of all DPL program links with channel	TMRPCDLL	The total length of the data in the containers of all the distributed program link (DPL) requests issued with the CHANNEL option by the user task. This total includes the length of any headers to the data.
Total data length of all DPL returns with channel	TMRPCDRL	The total length of the data in the containers of all DPL RETURN CHANNEL commands issued by the user task. This total includes the length of any headers to the data.
Number of program link requests with channel	TMRPCLCC	The total number of program link requests with channel issued by this task.
Number of program return requests with channel	TMRPCRCC	The number of program return requests with channel issued by this task.
Data length of all program returns with channel	TMRPCRCL	The total length of the data in the containers of all the remote pseudoconversational RETURN CHANNEL commands issued by the user task. This total includes the length of any headers to the data.
Number of program XCTL requests with channel	TMRPCXCC	The total number of program XCTL requests issued by this task.
Number of browse container channel requests	TMRPGBCC	The number of browse container channel requests issued by this task.
Number of containers created for channel containers	TMRPGCCC	The number of containers created for channel containers by this task.
Total number of channel data container requests	TMRPGCTC	The total number of channel data container requests issued by this task.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Number of get container channel requests	TMRPGGCC	The number of get container channel requests issued by this task.
Data length of all get container channel requests	TMRPGGCL	The data length of all get container channel requests issued by this task.
Number of move container channel requests	TMRPGMCC	The number of move container channel requests issued by this task.
Number of put container channel requests	TMRPGPCC	The number of put container channel requests issued by this task.
Data length of all put container channel requests	TMRPGPCL	The data length of all put container channel requests issued by this task.
TCP/IP service port number	TMRPORTN	The port number used by the TCP/IP service.
Partner wait time	TMRPTPWT	This is a composite field displaying one of the following elements: • The total partner wait time. • The number of times that this task waited for the partner transaction to complete.
Real LUNAME	TMRRLUNM	The name of the VTAM logical unit of the terminal associated with this transaction.
User task RO mode CPU time	TMRROCPU	This is a composite field displaying one of the following elements: • The read only mode CPU time used by this task. • The number of times that this task was dispatched in read only mode.
User task RO mode dispatch time	TMRRODSP	This is a composite field displaying one of the following elements: • The read only mode dispatch time, in seconds, used by this task. • The number of times that this task was dispatched in read only mode.
Request processor wait time	TMRRQPWT	This is a composite field displaying one of the following elements: • The elapsed time spent waiting for a request processor I/O operation. • The number of times that this task waited for a request processor I/O operation.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Request receiver wait time	TMRRQRWT	This is a composite field displaying one of the following elements: • The elapsed time spent waiting for a request receiver I/O operation. • The number of times that this task waited for a request receiver I/O operation.
Number characters received	TMRSOCIN	The number of characters received by this task.
Number CREATE non-persistent socket requests	TMRSOCNS	The number of Create non-persistent socket requests issued by this task.
Number characters sent	TMRSOCOT	The number of characters sent by this task.
Number CREATE persistent socket requests	TMRSOCPS	The number of Create persistent socket requests issued by this task.
EXTRACT TCPIP & EXTRACT CERTIFICATE request count	TMRSOERC	The total number of EXTRACT TCPIP and EXTRACT CERTIFICATE requests.
Number inbound socket characters received	TMRSOI1C	The number inbound socket characters received by this task.
Number inbound socket receive requests	TMRSOIMC	The number inbound socket receive requests issued by this task.
Non-persistent socket HWM	TMRSONHW	The peak number of non-persistent sockets associated with this task.
Number inbound socket characters sent	TMRSOO1C	The number inbound socket characters sent by this task.
Number inbound socket send requests	TMRSOOMC	The number inbound socket send requests by this task.
Outbound socket I/O wait time	TMRSOOWT	This is a composite field displaying one of the following elements: • The total outbound socket I/O wait time. • The number of times that this task waited for outbound socket I/O.
Persistent socket HWM	TMRSOPHW	The peak number of persistent sockets.
Number socket receive requests	TMRSORCT	The total number of socket receive requests issued by this task.
Number socket send requests	TMRSOSCT	The total number of socket send requests issued by this task.
Total number socket requests	TMRSOTC	The total number of socket requests issued by this task.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Maximum CICS SSL TCB delay time	TMRSTDLY	This is a composite field displaying one of the following elements: • The elapsed time in which the user task waited to obtain a CICS SSL TCB (S8 mode), because the CICS system had reached the limit set by the system initialization parameter MAXSSLTCBS. • The number of times the user task waited to obtain a CICS SS TCB (S8 mode), because the CICS system had reached the limit set by the system initialization parameter MAXSSLTCBS.
TCP/IP Service name	TMRTCPSV	The name of the TCP/IP service.
Transaction group id	TMRTGPID	The identifier of the transaction group associated with this task.
Transaction sequence number	TMRTRSN	The sequence number of the transaction.
Number of web browse requests	TMRWBBOC	The total number of web browse requests issued by this task.
Number WEB BROWSE requests	TMRWBBRC	The number of web browse requests issued by this transaction.
Number WEB EXTRACT requests	TMRWBERC	The number of web extract requests issued by this transaction.
Number of bytes received by web requests	TMRWBI1C	The number of bytes received by web requests issued by this task.
Number of web receive requests	TMRWBIRC	The total number of web receive requests issued by this task.
Number of invoke web service requests	TMRWBIWC	The number of invoke web service requests issued by this task.
Number of bytes sent by web send requests	TMRWBO1C	The number of bytes sent by web send requests issued by this task.
Number of web send requests	TMRWBOSC	The total number of web send requests issued by this task.
Number of web parse requests	TMRWBPRC	The total number of web parse requests issued by this task.
Data length of data read from the repository	TMRWBRDL	The data length of data read from the repository.
Number of web read requests	TMRWBROC	The total number of web read requests issued by this task.
Number repository reads	TMRWBRPR	The total number of repository read requests issued by this task.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Number WEB READ requests	TMRWBRRC	The number of web read requests issued by this transaction.
Data length of data written to the repository	TMRWBWDL	The total length of the data written to the repository in temporary storage by the user task.
Number of web write requests	TMRWBWOC	The total number of web write requests issued by this task.
Number WEB WRITE requests	TMRWBWRC	The number of web write requests issued by this transaction.
Total number Websphere MQ requests	TMRWMQRC	The total number of Websphere MQ requests for the task.
User task X8 mode CPU time	TMRX8CPU	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the X8 TCB Mode. • The number of times this task was dispatched on the X8 TCB Mode.
User task X9 mode CPU time	TMRX9CPU	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the X9 TCB Mode. • The number of times this task was dispatched on the X9 TCB Mode.
Maximum CICS XPLink TCB delay time	TMRXTDLY	This is a composite field displaying one of the following elements: • The maximum CICS XPLink TCB delay time. • The number of times the user task waited to obtain a CICS XPLink TCB.
Task tracing type	TRACING	Indicates the type of tracing for this task. • SPECTRACE - Tracing for this task is special. • SPRSTRACE - Tracing for this task is suppressed. • STANTRACE - Tracing for this task is standard.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Transaction class	TRANCLASS	The name of the transaction class to which the task belongs. If the task is not assigned to any class, the default class DFHTCL00 is returned. If the task belongs to a numbered class, the value returned is DFHTCLnn, where nn is the 2-digit class number.
Transaction flags	TRANFLAGS	The CICS transaction definition and status information flags for the transaction.
Transaction	TRANID	The name of the transaction associated with the task.
Transaction priority	TRANPRIORITY	The component of the total priority of the task that came from the PRIORITY option in the definition of the TRANSACTION being executed.
Transaction type	TRANTYPE	The transaction start type. Values are: • TO - Attached from terminal input • S - Attached by automatic transaction initiation (ATI) without data • SD - Attached by automatic transaction initiation (ATI) with data • QD - Attached by transient data trigger level • U - Attached by user request • TP - Attached from terminal TCTTE transaction ID • SZ - Attached by Front End Programming Interface (FEPI)
Transaction routing profile name	TRPROF	The name of the profile that is used for transaction routing.
Total number of temporary storage requests	TSCOUNT	The number of temporary storage requests issued by this user task, including GET, PUT, and PURGE requests.
Number of temporary storage gets	TSGETCNT	The total number of Temporary Storage get/read requests issued by this task.
Temporary storage I/O wait time	TSIOTIME	This is a composite field displaying one of the following elements: • The total temporary storage I/O wait time. • The number of times this task waited for temporary storage I/O.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
Number of TS puts to auxiliary storage	TSPUTACNT	The number of TS puts to auxiliary storage.
Number of TS puts to main storage	TSPUTMCNT	The number of TS puts to main storage.
Size in bytes of transaction work area (TWA)	TWASIZE	Indicates the size of the associated transaction work area (TWA) in bytes.
Local unit of work (UOW) ID	UNITOFWORK	The local identifier of the unit of work associated with the task. The unit of work identifier is used to synchronize recovery operations among CICS and other resource managers, such as IMS and DB2.
Recovery manager UOW unshunted	UNSHUNTED	The total number of units of work that lost connection to their recovery coordinator during syncpoint processing but were not shunted for indoubt failure.
Local unit of work ID	UOWID	The local identifier of the unit of work associated with this task.
User ID	USERID	The ID of the user currently associated with the task.
Maximum program storage in UDSA	USRPS24HWM	The high-water mark number of bytes used by this task for programs in the UDSA.
Maximum program storage in EUDSA	USRPS31HWM	The high-water mark number of bytes used by this task for programs in the EUDSA.
User storage GETMAIN requests below 16 MB line	USTG24CNT	The number of user storage GETMAIN requests issued by this user task for storage below the 16MB line.
Peak number of bytes used by task in UDSA	USTG24HWM	The high-water mark number of bytes used by this task in the UDSA.
Average storage usage below 16 MB line	USTG24OCC	The average storage occupancy of the user task below the 16MB line. This measures the area under the curve of storage in use against elapsed time.
User storage GETMAIN requests above 16 MB line	USTG31CNT	The number of user storage GETMAIN requests issued by this user task for storage above the 16MB line.
Peak number of bytes used by task in EUDSA	USTG31HWM	The High-Water-Mark number of bytes used by this task in the EUDSA.

Table 164. Fields in TASK views (continued)

Field	Attribute name	Description
	USTG31OCC	The average storage occupancy of the user task above the 16MB line. This measures the area under the curve of storage in use against elapsed time.
Dispatch wait time	WAITTIME	This is a composite field displaying one of the following elements: • The average time the task spent waiting for redispatch. • The number of times this task waited for redispatch.
Number of characters received via WEB requests	WBCHRIN	The number of characters received via the WEB as a result of WEB Receives issued by this task.
Number of characters sent via WEB requests	WBCHROUT	The number of characters sent via the WEB as a result of WEB Sends issued by this task.
Number of WEB receive requests	WBRCVCT	The number of WEB Receive requests issued by this task.
Number of WEB repository writes	WBREPWCT	The number of WEB Repository write requests issued by this task.
Number of WEB send requests	WBSENDCT	The number of WEB Send requests issued by this task.
Total number of WEB requests	WBTOTCT	The total number of WEB requests issued by this task. This does not include the number of repository write requests.
Workload manager report class name	WLMRPTRCNAME	The MVS Workload Manager (WLM) report class for this transaction.
Workload manager service class name	WLMSRVCNAME	The MVS Workload Manager (WLM) service class for this transaction.

Completed tasks - HTASK

The **completed tasks (history)** (HTASK) views display information about completed tasks; that is tasks that previously ran in a system managed by CICSPlex SM, but have now been completed. Once a task completes, information can be obtained by the HTASK resource, provided CICSPlex SM history recording has been activated for that task.

Supplied views

To access from the main menu, click:

- **CICS operations views > Task operations views > Completed tasks**, or
- **History Views > Recent** (tasks completed within the last specified number of seconds),

- **History Views > By interval** (tasks completed from a start time for a specified number of seconds),
- **History Views > By time** (tasks completed from a start time to an end time),
- **History Views > Recent** (tasks completed within the last specified number of seconds, filtered by association data attributes).

Table 165. Views in the supplied **Completed task (history)** *(HTASK) view set*

View	Notes
Completed task (history) EYUSTARTHTASK.TABULAR	Tabular information about tasks completed within a specified number of seconds from the present time.
Completed task (history) EYUSTARTHTASK.DETAIL8	CICS BTS requests information about a selected task.
Completed task (history) with filters - By interval EYUSTARTHTASK.TABULAR1	Tabular information about tasks completed within a time period (in seconds) from a specified start time.
Completed task (history) EYUSTARTHTASK.DETAIL15	Enterprise bean usage information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL4	Request count information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL5	Communications requests information about a selected task.
Completed task (history) with filters - By time EYUSTARTHTASK.TABULAR2	Tabular information about tasks completed from a start time to an end time.
Completed task (history) EYUSTARTHTASK.DETAIL9	CPU and TCB information about a selected task.
Completed task (history) EYUSTARTHTASK.TABULAR3 with association data filters - Recent	Tabular information about association data for completed tasks.
Completed task (history) EYUSTARTHTASK.DETAIL11	JVM usage information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL2	Clocks and timings information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL16	Resource manager interface (RMI) usage information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAILED	Detailed general information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL6	Storage usage information about a selected task. Note: For the GETMAIN requests table below, GETMAIN requests have no meaning with regard to GCDSA and will remain blank.

Table 165. Views in the supplied **Completed task (history)** *(HTASK) view set (continued)*

View	Notes
Completed task (history) EYUSTARTHTASK.DETAIL12	Shared storage information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL10	Program storage information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL17	Task association data
Completed task (history) EYUSTARTHTASK.DETAIL14	FEPI communications information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL3	Settings information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL13	Web and Document request information about a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL1	Identification details of a selected task.
Completed task (history) EYUSTARTHTASK.DETAIL7	TCP/IP communications information about a selected task.

Actions

None.

Fields

Table 166. Fields in HTASK views

Field	Attribute name	Input values
Number of user storage GETMAIN requests below 16MB	USTG24CNT	The number of user storage GETMAIN requests issued by this user task for storage below the 16MB line.
Number of program return requests with channel	TMRPCRCC	The number of program return requests with channel issued by this task.
Number of FEPI RECEIVE timeouts	SZRCVTO	The number of FEPI receive timeouts issued by this task.
Total number WebSphere MQ requests	TMRWMQRC	The total number of WebSphere MQ requests for the task.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Exception wait time	EXWAIT	This is a composite field displaying one of the following elements: • The total elapsed time the task has waited on exception conditions. • The number of times this task waited on exception conditions.
Facility type	FACILITYTYPE	Identifies the type of facility that initiated this task. Values are: • TDQUEUE - CICS initiated the task to process a transient data queue that had reached trigger level; the FACILITY field returns the name of queue. • START - Another task initiated the task with a START command that did not specify a terminal, or CICS created the task internally; the FACILITY field returns blanks in this case. • TERMINAL - Either the task was initiated to process unsolicited input or another task initiated the task with a START command with the TERMID option. In the first case the FACILITY field returns the name of the terminal that sent the input, and in the second, it returns the terminal named in TERMID.
Shared storage GETMAIN request count above 16MB	SHSTGGMCABV	The number of GETMAIN requests issued by this task for shared storage above the 16MB line, in the ECDSA or ESDSA.
CFDT syncpoint wait time	SRVSYWTT	This is a composite field displaying one of the following elements: • The elapsed time in which the task waited for CFDT syncpoints to complete. • The number of times the task waited for CFDT syncpoints to complete.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
JVM elapsed time - initializing	TMRJVMIT	This is a composite field displaying one of the following elements: • The elapsed time spent initializing the JVM environment. • The number of times the JVM environment was initialized.
Number of secondary TC characters sent	CHAROUTSEC	The number of secondary terminal control characters sent by this task.
Originating transaction sequence number	OTRANNUM	The number of the originating task (for example, the CWXN task).
Number of Document Delete requests	TMRDHDLC	The number of document delete requests issued by this task.
BTS reset requests	BARSPACT	The number of reset process/activity requests issued by this task.
Number of DOCUMENT RETRIEVE requests	DHRETCT	The number of document retrieve requests issued by this task.
Maximum hot-pooling TCB delay time	TMRHTDLY	This is a composite field displaying one of the following elements: • The elapsed time in which the user task waited to obtain a CICS Hot-Pooling TCB (H8 mode), because the CICS system had reached the limit set by the system parameter, MAXHPTCBS. • The number of times the task waited on the limit set by the system parameter MAXHPTCBS.
Total number of Web requests	WBTOTCT	The total number of WEB requests issued by this task. This does not include the number of repository write requests.
LU6.2 network-wide UOW instance & sequence number	TMRNETSX	The name by which the network unit-of-work ID is known within the originating system. This name is assigned at transaction attach time using either a STCK-derived token created by the originating system, or the network unit-of-work passed as part of an IRC (MRO), IPIC (IP interconnectivity) or ISC (APPC) attach function management header (FMH).

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Recovery manager UOW shunted	SHUNTED	The total number of units of work that lost connection to their recovery coordinator during syncpoint processing and had to be shunted for indoubt failure.
Maximum program storage below 16MB	PSTG24HWM	The maximum amount of program storage in use by this user task below the 16MB line.
Task stop time	STOP	The time when the task stopped in GMT (Greenwich Mean Time).
BTS total requests	BATOTPCT	The total number of process/activity requests issued by this task.
Other TCB mode CPU time	MSCPUT	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has been dispatched on TCB Modes other than QR, H8, J8, L8, and S8 TCB Modes. • The number of times that this task 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, and so on.
Number of WEB RECEIVE requests	WBRCVCT	The total number of web receive requests issued by this task.
DBCTL RMI elapsed time	RMIDBCTLTIME	This is a composite field displaying one of the following elements: • The total elapsed time the task spent in the DBCTL Resource Manager Interface (RMI). • The number of times the task invoked the DBCTL Resource Manager Interface (RMI).
BTS activity name	ACTVTYNM	The CICS Business Transaction Services activity name that this task represents.
Number of socket receive requests	TMRSORCT	The number of socket receive requests issued by this task.
LU62 I/O wait time	LU62WTT	This is a composite field displaying one of the following elements: • The total LU6.2 I/O wait time. • The number of times this task waited for LU6.2 I/O.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Number of FEPI characters sent	SZCHROUT	The number of FEPI characters sent by this task.
Maximum program storage above 16MB	PSTG31HWM	The maximum amount of program storage in use by this user task above the 16MB line.
	TMRSTDLY	This is a composite field displaying one of the following elements: • The elapsed time in which the user task waited to obtain a CICS SSL TCB (S8 mode), because the CICS system had reached the limit set by the system initialization parameter MAXSSLTCBS. • The number of times the user task waited to obtain a CICS SS TCB (S8 mode), because the CICS system had reached the limit set by the system initialization parameter MAXSSLTCBS.
Transaction group ID	TMRTGPID	The identifier of the transaction group associated with this task.
Peak number of CICS dispatcher TCBs	TMRDSTHW	The peak number of CICS dispatcher TCBs in use.
BTS define process requests	BADPROCT	The number of define process requests issued by this task.
Inbound TCP/IP sockets I/O wait time	SOIOWTT	This is a composite field displaying one of the following elements: • The amount of time spent by this task waiting for socket sends or receives to complete. • The number of times that this task waited for socket sends or receives to complete. This includes the times spent by this task on the SO, SL and S8 TCB modes.
Peak number of bytes used by task in ECDSA	ECDSASHWM	The peak number of bytes used by this task in the ECDSA.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
User task L9 mode CPU time	TMRL9CPU	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the L9 TCB Mode. • The number of times this task was dispatched on the L9 TCB Mode. L9 mode TCBs are used for USERKEY OPENAPI application programs.
Data length of all DPL program links with channel	TMRPCDLL	The total length of the data in the containers of all the distributed program link (DPL) requests issued with the CHANNEL option by the user task. This total includes the length of any headers to the data.
Transaction origin type	ORIGINTYPE	The source of the transaction. This is an interpretation of the primary transaction client type with which the transaction was attached using the CICS transaction manager.
Workload manager report class name	WLMRPTRCNAME	The MVS Workload Manager (WLM) report class for this transaction.
Total remote interval control starts with channel	TMRICSRC	The total number of remote interval control starts with channel requests issued by this task.
Number of program XCTL requests with channel	TMRPCXCC	The number of program XCTL requests with channel issued by this task.
Data length of all remote IC starts with channel	TMRICSRD	The data length of all remote IC starts with channel.
Number of TS PUT requests to main storage	TSPUTMCNT	The number of TS puts to main storage.
Number of secondary LU62 TC characters received	TCC62IN2	The number of secondary LU6.2 characters received by this task.
Number of transient data PURGE requests	TDPURCNT	The number of transient data purge/delete requests issued by this task.
BTS activity ID	ACTVTYID	The CICS Business Transaction Services activity ID that this task represents.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Journal control I/O wait time	JCIOTIME	This is a composite field displaying one of the following elements: • The total journal control I/O wait time. • The number of times this task waited for journal control I/O.
BTS link requests	BALKPACT	The number of link process/activity requests issued by this task.
Maximum program storage in CDSA	CDSAPSHWM	The high-water-mark number of bytes used by this task for programs in the CDSA.
Total number of channel data container requests	TMRPGCTC	The total number of channel data container requests issued by this task.
BTS run synchronous requests	BARSYNCT	The number of run process/activity requests issued by this task in synchronized mode.
Number of file control WRITE requests	FCPUTCNT	The total number of file control write requests issued by this task.
File control I/O wait time	FCIOTIME	This is a composite field displaying one of the following elements: • The total file control I/O wait time. • The number of times this task waited for file control I/O.
Number of Web characters received	WBCHRIN	The number of characters received via the web as a result of web receives issued by this task.
J9 TCB mode CPU time	TMRJ9CPU	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the J9 TCB Mode. • The number of times this task was dispatched on the J9 TCB Mode.
Number of FEPI RECEIVE requests	SZRCVCT	The number of FEPI receive requests issued by this task.
Number of Web characters sent	WBCHROUT	The number of characters sent via the web as a result of web sends issued by this task.
Number of ALLOCATE requests	ALLOCATES	The total number of allocate requests by this task.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
BTS acquire requests	BAACQPCT	The number of CICS Business Transaction Server (BTS) acquire process and acquire activity requests issued by this task.
Terminal connection name	TERMCONNAME	The name of the terminal session connection.
OTS transaction ID	TMROTSID	The object transaction service transaction identifier.
Remote system ID	RSYSID	The name of the remote system where the transaction defined by remotename is defined.
Time key	TIME	The time when the task started.
Originating portnumber	OPORTNUM	The port number used by the originating TCPIPSERVICE.
VSAM Record Level Sharing wait time	RLSWAITTIME	This is a composite field displaying one of the following elements: • The elapsed time in which the task waited for RLS file I/O. • The number of times the task waited for RLS file I/O.
Number of invoke web service requests	TMRWBIWC	The number of invoke web service requests issued by this task.
Lock manager wait time	LOCKMGRWAIT	This is a composite field displaying one of the following elements: • The elapsed time in which the user task waited to acquire a lock on a resource. • The number of times the user task waited to acquire a lock on a resource. A user task cannot explicitly acquire a lock on a resource, but many CICS modules lock resources on behalf of user tasks using the CICS lock manager (LM) domain

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Transaction type	TRANTYPE	The transaction start type. Values are: • TO - Attached from terminal input • S - Attached by automatic transaction initiation (ATI) without data • SD - Attached by automatic transaction initiation (ATI) with data • QD - Attached by transient data trigger level • U - Attached by user request • TP - Attached from terminal TCTTE transaction ID • SZ - Attached by Front End Programming Interface (FEPI)
Number of DOCUMENT INSERT requests	DHINSCT	The number of document insert requests issued by this task.
IPCONN Name	TMRISCNM	The name of the IP interconnectivity entry (IPCONN) that defines an IP intercommunications connection associated with this transaction.
Peak number of bytes used by task in UDSA	USTG24HWM	The peak number of bytes used by this task in the UDSA.
Originating transaction flags	OTRANFLG	Originating transaction flags, a string of 64 bits used for signaling transaction definition and status information
DSECT version number	MNTDSVER	The version number of the DSECT
Number of DOCUMENT CREATE requests	DHCRECT	The number of document create requests issued by this task.
Number of BMS map in requests	BMSINCNT	The number of BMS map in requests by this task.
Number of bean creation requests	TMREJBCC	The number of enterprise bean creation requests issued by this task.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Program load time	PCLOADTM	This is a composite field displaying one of the following elements: • The elapsed time in which the user task waited for fetches from DFHRPL or dynamic LIBRARY concatenations. • The number of times this task waited for program fetches from DFHRPL or dynamic LIBRARY concatenations. Only fetches for programs with installed program definitions or autoinstalled as a result of application requests are included in this figure. However, installed programs residing in the LPA are not included because they do not incur a physical fetch from a LIBRARY.
Number of secondary TC messages received	MSGINSEC	The number of secondary terminal control messages received by this task.
Correlation UOW ID	CORREUOW	The ID of the correlation unit of work.
Total data length of all DPL returns with channel	TMRPCDRL	The total length of the data in the containers of all DPL RETURN CHANNEL commands issued by the user task. This total includes the length of any headers to the data.
Shared storage GETMAIN request count below 16MB	SHSTGGMCBEL	The number of GETMAIN requests issued by this task for shared storage below the 16MB line, in the CDSA or SDSA.
Number of file control READ requests	FCGETCNT	The total number of file control read requests issued by this task.
Task response time	RESPTIME	The task response time in milliseconds.
Number of WEB WRITE requests	TMRWBWRC	The total number of web write requests issued by this task.
Number of DOCUMENT SET requests	DHSETCT	The number of document set requests issued by this task.
Number of bytes received by web requests	TMRWBI1C	The number of bytes received by web requests issued by this task.
LU6.2 network-wide UOW instance & sequence number	UOWINSTSEQ	The total number of LU6.2 network-wide units of work.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Waiting for parent syncpoint delay time	SYNCDLY	This is a composite field displaying one of the following elements: • The total amount of time that this transaction has spent waiting for its parent transaction to syncpoint, such that its updates will be committed. • The number of times the task waited for a its parent transaction to syncpoint, such that its updates will be committed. For CICS BTS this field records the times this task spent waiting for a syncpoint from its parent task that started this task by issuing Run Process or Run Activity Synchronously.
BTS process name	PRCSNAME	The CICS Business Transaction Services process name that this task represents.
Originating facility name	OFCTYNME	The facility name of the originating transaction. If the originating transaction is not associated with a facility, this field is null. The transaction facility type, if any, can be identified using byte 0 of the transaction flags, OTRANFLG (370), field.
Number of web receive requests	TMRWBIRC	The number of web receive requests issued by this task.
Number of CREATE persistent socket requests	TMRSOCPS	The number of Create persistent socket requests issued by this task.
User ID	USERID	The ID of the user associated with the task.
Number of characters received	TMRSOCIN	The number of characters received by this task.
Data length of all put container channel requests	TMRPGPCL	The data length of all put container channel requests.
TS I/O wait time	TSIOTIME	This is a composite field displaying one of the following elements: • The total temporary storage I/O wait time. • The number of times this task waited for temporary storage I/O.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
WebSphere MQ Getwait wait time	TMRMQGWT	This is a composite field displaying one of the following elements: • The amount of time the task has spent waiting for WebSphere MQ to service the task's GETWAIT requests. • The number of times the task waited for WebSphere MQ to service the task's GETWAIT requests.
Number of web send requests	TMRWBOSC	The number of web send requests issued by this task.
Recovery manager UOW indoubt failure	INDOUBTFAIL	Indicates whether an in-doubt UOW is to wait pending recovery from a failure that occurs after the UOW has entered the in-doubt state. The valid values are WAIT and NOWAIT.
J8 TCB mode CPU time	J8CPUT	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the J8 TCB Mode. • The number of times this task was dispatched on the J8 TCB Mode. This mode is used by Java applications.
User task X9 mode CPU time	TMRX9CPU	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the X9 TCB Mode. • The number of times this task was dispatched on the X9 TCB Mode.
Number of Web repository writes	WBREPWCT	The number of web repository write requests issued by this task.
Client IP address	CLIPADDR	The TCP/IP Client IP address that initiated this task.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
	EXTERNWAIT	This is a composite field displaying one of the following elements: • The average time spent waiting for resources external to CICS. • The number of times the task waited for resources external to CICS. These waits can arise as a result of issuing WAIT EXTERNAL commands or as a result of CICS waiting for external events.
EXTRACT TCPIP & EXTRACT CERTIFICATE request count	TMRSOERC	The total number of EXTRACT TCPIP and EXTRACT CERTIFICATE requests.
Total RMI elapsed time	RMITOTALTIME	This is a composite field displaying one of the following elements: • The total elapsed time spent in the RMI including time suspended. • The total number of requests issued by this task in the RMI.
Average CDSA storage usage	CDSASOCC	The average storage occupancy in the CDSA. This measures the area under the curve of storage in use against elapsed time.
Total number of DB2 requests	DB2REQCT	The number of DB2 Database requests (SQL and IFI) issued by this task.
	TMRKY9DS	This is a composite field displaying one of the following elements: • The total elapsed time during which the user task was dispatched by the CICS dispatcher on a CICS Key 9 mode TCB. • The number of times this task was dispatched on a key 9 mode TCB. L9 mode TCBs are used for USERKEY OPENAPI application programs.
Number of FEPI ALLOCATE requests	SZALLOCT	The number of FEPI allocate requests issued by this task.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
First dispatch delay time caused by TCL	TCLDELAY	This is a composite field displaying one of the following elements: • The elapsed time waiting for the first dispatch which was delayed because of the limits set for this transaction's transaction class. • The number of delays during the first dispatch due to limits set for this transaction's transaction class.
Terminal control I/O wait time	TCIOTIME	This is a composite field displaying one of the following elements: • The total terminal I/O wait time. • The number of times this task waited for terminal I/O.
Number of WEB READ requests	TMRWBRRC	The total number of web read requests issued by this task.
Number of CICS dispatcher change modes	CHMODECT	The number of CICS Dispatcher TCB Change Mode requests issued by this task.
Number of file control BROWSE requests	FCBRWCNT	The total number of file control browse requests issued by this task.
BTS define activity requests	BADACTCT	The number of define activity requests issued by this task.
Application naming - program name	APPLNAMEPROG	The name of the application program that was currently executing when the resource shortage condition occurred as identified by the exception record.
Number of bean state activation requests	TMREJBAC	The number of bean state activation requests issued by this task.
GETMAIN byte count of shared storage above 16MB	SHSTGBYTEGMA	The total number of GETMAIN bytes of shared storage above 16MB.
Dispatch time while running in QR TCB mode	QRDISPT	This is a composite field displaying one of the following elements: • The amount of time that this task has spent dispatched on the QR TCB Mode. • The number of times that this task was dispatched on the QR TCB Mode.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Task priority	PRIORITY	The total priority of the task. Total priority is the sum of the priority of the user associated with the task, the priority of the terminal which is the principal facility, and the priority of the transaction being executed.
Number of get container channel requests	TMRPGGCC	The number of get container channel requests issued by this task.
Recovery manager UOW resolved with indoubt action	RESOLVEACT	The total number of units of work that lost connection to their recovery coordinator during syncpoint processing that were resolved with indoubt action.
Local enqueue delay time	ENQDELAY	This is a composite field displaying one of the following elements: • The elapsed time waiting for a task control enqueue. • The number of times this task waited for a task control enqueue.
Record type	RECTYPE	The performance record type. Values are: • C - Record output for a terminal converse. • D - Record output for a SET MONITOR against a user defined Event Monitoring Point (EMP) that specifies PERFORM=DELIVER. • F - Record output for a long-running transaction. • S - Record output for a syncpoint request. • T - Record output for a task termination (detach). For transaction resource class data, this field is always T.
Number of WEB EXTRACT requests	TMRWBERC	The total number of web extract requests issued by this task.
Number of program LOAD requests	PCLOADCNT	The total number of program load requests issued by this task.
Maximum program storage in EUDSA	USRPS31HWM	The high-water-mark number of bytes used by this task for programs in the EUDSA.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Total RMI suspend time	RMISUSP	This is a composite field displaying one of the following elements: • The elapsed time the task was suspended while in the CICS Resource Manager Interface (RMI). • The number of times the task was suspended while in the CICS Resource Manager Interface (RMI).
Total local interval control starts with channel	TMRICSCC	The number of local interval control starts with channel issued by this task.
Number of primary TC messages sent	MSGOUT	The number of primary terminal control messages sent.
	TMRX8CPU	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the X8 TCB Mode. • The number of times this task was dispatched on the X8 TCB Mode.
Number of journal write requests	JRNLWRITREQ	The number of journal write requests issued by this task.
Dispatch wait time	WAITTIME	This is a composite field displaying one of the following elements: • The average time the task spent waiting for redispatch. • The number of times this task waited for redispatch.
Number of program transfer control (XCTL) requests	PCXCTLCNT	The number of program XCTL requests issued by this task.
Number of secondary TC characters received	CHARINSEC	The number of secondary terminal control characters received by this task.
Number of CICS dispatcher TCB attaches	TCBATTCT	The number of CICS Dispatcher TCB Attaches issued by this task.
Number of secondary TC messages sent	MSGOUTSEC	The number of secondary terminal control messages sent by this task.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Total RMI elapsed time	RMITIME	This is a composite field displaying one of the following elements: • The total elapsed time the task spent in the CICS Resource Manager Interface (RMI) including time suspended. • The number of times the task invoked the CICS Resource Manager Interface (RMI).
CPU time used by VSAM Record Level Sharing	RLSCPUT	This is a composite field displaying one of the following elements: • The total amount of CPU time spent by this transaction performing RLS requests which run in SRB mode. • The number of times the task performed RLS requests which run in SRB mode.
BTS suspend requests	BASUPACT	The number of suspend process/activity requests issued by this task.
Request processor wait time	TMRRQPWT	This is a composite field displaying one of the following elements: • The elapsed time spent waiting for a request processor I/O operation. • The number of times that this task waited for a request processor I/O operation.
JVM elapsed time - resetting	TMRJVMRT	This is a composite field displaying one of the following elements: • The elapsed time spent resetting the JVM environment. • The number of times the JVM environment was reset.
DB2 request wait time	DB2WAIT	This is a composite field displaying one of the following elements: • The amount of time that this task has spent waiting for DB2 Database Requests to complete. • The number of times the task waited for DB2 Database Requests to complete.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Transaction type details	DETTRANTYPE	The details of the transaction type. Valid values are: BRIDGE, CICSBTS, DPL, MIRROR, NONE, ONCRPC, SYSTEM, WEB
User task key 8 mode dispatch time	TMRKY8DS	This is a composite field displaying one of the following elements: • The key 8 mode dispatch time used by this task. • The number of times that this task was dispatched in key 8 mode.
Number of Interval Control requests	ICCOUNT	The number of interval control START or INITIATE requests issued by this task. This includes the number of transactions started with EXEC CICS START transid commands, the number of Automatic Transaction Initiations, and the number of internally issued interval control initiates.
Client IP Port	TMRCIPOR	The port number of the client.
CICS event wait time	CICSWAIT	This is a composite field displaying one of the following elements: • The total CICS event wait time. • The number of times the task waited for an event.
Number of repository reads	TMRWBRPR	The number of repository read requests issued by this task.
BTS process type	PRCSTYPE	The CICS Business Transaction Services process type that this task represents.
User task read-only mode dispatch time	TMRRODSP	This is a composite field displaying one of the following elements: • The read only mode dispatch time, in seconds, used by this task. • The number of times that this task was dispatched in read only mode.
Number of BMS map out requests	BMSOUTCNT	The number of BMS map out requests by this task.
FREEMAIN byte count of shared storage below 16MB	SHSTGBYTEFMB	The total number of FREEMAIN bytes of shared storage below 16MB.
Number of TS PUT requests to auxiliary storage	TSPUTACNT	The number of TS puts to auxiliary storage.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Maximum read-only program storage	ROPS31HWM	The high-water-mark number of bytes used by this task for programs in the ERDSA (read-only storage above the 16MB line).
Originating client portnumber	OCLIPORT	The TCP/IP port number of the originating client (or Telnet client).
GETMAIN byte count of shared storage below 16MB	SHSTGBYTEGMB	The total number of GETMAIN bytes of shared storage below 16MB.
WLM subset of execution phase complete	SUBEXECOMP	A subset of the execution phase of the work request (transaction) is complete.
Workload manager service class name	WLMSRVCNAME	The MVS Workload Manager (WLM) service class for this transaction.
Give-up-control wait time	CONTROLWAIT	This is a composite field displaying one of the following elements: • The average time spent waiting after the task gave up control to other transactions. • The number of times the task waited as a result of giving up control to other transactions.
BTS total data container requests	BATOTCCT	The total number of data container requests issued by this task.
Number of bytes sent by web send requests	TMRWBO1C	The number of bytes sent by web send requests issued by this task.
Recovery manager UOW resource owner failure	ROFAIL	The resource owner has failed.
Network ID	TMRNETID	The ID of the network
FREEMAIN byte count of shared storage above 16M	SHSTGBYTEFMA	The total number of FREEMAIN bytes of shared storage above 16MB.
Number of program link requests with channel	TMRPCLCC	The number of program link requests with channel issued by this task.
Interval control count	INTVLC	Interval control request count. The number of START, DELAY, CANCEL, RETRIEVE and DELAY requests issued by this task (excluding DELAY INTERVAL(0) requests).
Originating networkid	ONETWKID	The network ID of the APPLID taken from the Origin Descriptor associated with this task.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Total number of FEPI requests	SZTOTCT	The total number of all FEPI API and SPI requests made by the user task.
Originating user correlation data	OUSERCOR	The originating user correlator.
S8 TCB mode CPU time	S8CPUT	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the S8 TCB Mode. • The number of times this task was dispatched on the S8 TCB Mode. This mode is used when making secure sockets calls.
	MXTOTDLY	This is a composite field displaying one of the following elements: • Delay incurred by this task due to waiting on the MAXOPENTCBS Open TCB limit (including that there may be free Open TCBs but they cannot be used by this task). • The number of times the task waited on the MAXOPENTCBS Open TCB limit (including that there may be free Open TCBs but they cannot be used by this task).
DL/I RMI elapsed time	RMIEXECDLITM	This is a composite field displaying one of the following elements: • The total elapsed time the task spent in the EXEC DLI Resource Manager Interface (RMI). • The number of times the task invoked the EXEC DLI Resource Manager Interface (RMI).
Data length of all get container channel requests	TMRPGGCL	The data length of all get container channel requests.
Maximum shared program storage in SDSA	PC24SHWM	Maximum amount (high-water mark) of program storage in use by the user task below the 16MB line, in the shared dynamic storage area (SDSA).
Number of web browse requests	TMRWBBOC	The number of web browse requests issued by this task.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
	TMRDSCWT	This is a composite field displaying one of the following elements: • The elapsed time which the user task spent waiting because no TCB was available, and none could be created because of MVS storage constraints. • The number of times the user task waited because no TCB was available, and none could be created because of MVS storage constraints.
Total JVM elapsed time	JVMTIME	This is a composite field displaying one of the following elements: • The amount of elapsed time this task spent executing as a Java virtual machine (JVM), including time suspended (see JVM suspend time). • The number of times that this task executed as a Java virtual machine (JVM).
Data isolation type	ISOLATEST	Identifies whether the user key task-lifetime storage is isolated from the user-key programs of other transactions: • YES - Storage is isolated. • NO - Storage is not isolated.
Bridge transaction ID	BRIDGE	The original transaction ID of this transaction as initiated by the 3270 bridge.
LU6.2 network-wide UOW ID	NETUOWID	Network ID of the unit of work.
Number of FEPI ALLOCATE timeouts	SZALLCTO	The number of FEPI allocate timeouts issued by this task.
Number of secondary LU62 TC messages sent	TCM62OU2	The number of LU6.2 terminal control messages sent by this task.
Task suspend time	SUSPTIME	This is a composite field displaying one of the following elements: • The total elapsed time for which the task was suspended. • The number of times this task was suspended.
Number of syncpoint requests	SYNCCOUNT	The number of syncpoint requests issued by this task.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Syncpoint wait time	SYNCPTWAITTM	This is a composite field displaying one of the following elements: • The total elapsed time for which this task was dispatched or suspended while processing syncpoint requests. • The number of times the task was dispatched or suspended while processing syncpoint requests.
DSECT ID mask	MNTDSID	The identifier mask of the DSECT
Number of primary TC characters received	CHARIN	The number of primary terminal control characters received.
Number of file control access method requests	FCAMCNT	The total number of file control access method requests issued by this task.
Number of primary TC characters sent	CHAROUT	The number of primary terminal control characters sent.
Number of FEPI SEND requests	SZSENDCT	The number of FEPI send requests issued by this task.
Maximum container storage allocated to task	PGCSTHWM	Maximum amount (high-water mark) of bytes of container storage allocated to this task.
Number of CREATE non-persistent socket requests	TMRSOCNS	The number of Create non-persistent socket requests issued by this task.
QR TCB mode delay time	QRMODDLY	This is a composite field displaying one of the following elements: • The amount of time that this task has spent waiting while on the QR TCB mode plus the time spent waiting to switch back to QR TCB mode from another TCB mode. • The number of times the task waited while on the QR TCB mode, including waiting to switch back to QR TCB mode from another TCB mode.
Number of primary TC messages received	MSGIN	The number of primary terminal control messages received.
Number of DPL program link requests with channel	TMRPCDCC	The number of DPL program link requests issued by this task.
Number of secondary LU62 TC characters sent	TCC62OU2	The number of secondary LU6.2 characters sent by this task.
Number of inbound socket send requests	TMRSOOMC	The number of inbound socket send requests issued by this task.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Transaction flags	TRANFLAGS	The CICS transaction definition and status information flags for the transaction.
BTS total event requests	BATOTECT	The total number of event requests issued by this task.
Number of bean state passivation requests	TMREJBPC	The number of bean state passivation requests issued by this task.
Number of Enterprise bean method calls	TMREJMCT	The number of enterprise bean method calls issued by this task.
Number of secondary LU62 TC messages received	TCM62IN2	The number of secondary LU6.2 TC messages received by this task.
Number of socket send requests	TMRSOSCT	The number of socket send requests issued by this task.
Dispatcher TCB mismatch wait time	TMRDSMWT	This is a composite field displaying one of the following elements: • The total amount of TCB mismatch wait time, that is, TCB requests that waited because there was no TCB available matching the request, but there was at least one non-matching free TCB. • The number of TCB requests that waited because there was no TCB available matching the request, but there was at least one non-matching free TCB.
Transaction error flags	TASK	The ID of the task.
Originating TCPIPSERVICE	OTCPSVCE	The name of the originating TCPIPSERVICE.
Peak number of non-persistent sockets	TMRSONHW	The peak number of non-persistent sockets associated with this task.
Actual terminal ID or session ID	TERMID	This is the actual terminal identification that the task is executing upon. In a Transaction Routing environment this is the ID of the session the task is routed across.
Outbound TCP/IP sockets I/O wait time	TMRSOOWT	This is a composite field displaying one of the following elements: • The total outbound socket I/O wait time. • The number of times that this task waited for outbound socket I/O.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Originating userid	OUSERID	The originating Userid-2 or Userid-1 (for example, from CWBA), depending on the originating task.
IPCONN i/o wait time	TMRISWT	This is a composite field displaying one of the following elements: • The amount of time the task has spent waiting for work on the IP intercommunications connection to complete. • The number of times the task waited for work on the IP intercommunications connection to complete.
TCP/IP service port number	TMRPORTN	The port number used by the TCP/IP service.
CFDT wait time	CFDTWAIT	This is a composite field displaying one of the following elements: • The elapsed time in which the task waited for CFDT file I/O. • The number of times the task waited for CFDT file I/O.
Number of bean removal requests	TMREJBRC	The number of enterprise bean removal requests issued by this task.
Number of move container channel requests	TMRPGMCC	The number of move container channel requests issued by this task.
Data location above/below 16MB	TASKDATALOC	Indicates whether task life-time storage acquired by CICS for the duration of the transaction can be located above the 16MB line in virtual storage. These areas, which relate to specific CICS tasks, include the EXEC interface block (EIB) and the transaction work area (TWA). Values are: • BELOW - Storage areas that CICS acquires for the transaction must be located below the 16MB line. • ANY - Storage areas that CICS acquires for the transaction can be located above the 16MB line in virtual storage.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Data length of all program returns with channel	TMRPCRCL	The total length of the data in the containers of all the remote pseudoconversational RETURN CHANNEL commands issued by the user task. This total includes the length of any headers to the data.
Peak number of bytes used by task in CDSA	CDSASHWM	The peak number of bytes used by this task in the CDSA.
Number of containers created for channel containers	TMRPGCCC	The number of containers created for channel containers by this task.
BTS process ID	PRCSID	The CICS-assigned identifier of the CICS BTS root activity that the user task implemented.
Maximum program storage in UDSA	USRPS24HWM	The high-water-mark number of bytes used by this task for programs in the UDSA.
Number of web read requests	TMRWBROC	The number of web read requests issued by this task.
Request receiver wait time	TMRRQRWT	This is a composite field displaying one of the following elements: • The elapsed time spent waiting for a request receiver I/O operation. • The number of times that this task waited for a request receiver I/O operation.
TCP/IP Sockets RMI elapsed time	RMITCPIPTIME	This is a composite field displaying one of the following elements: • The total elapsed time the task spent in the z/OS Communications Server IP CICS Sockets Resource Manager Interface (RMI). • The number of times the task invoked the z/OS Communications Server IP CICS Sockets Resource Manager Interface (RMI).
BTS process data container requests	BAPRDCCT	The number of process data container requests issued by this task.
Number of CICS logger write requests	LOGGRWRITREQ	The number of CICS Logger write requests issued by this task.
Number of inbound socket receive requests	TMRSOIMC	The number of inbound socket receive requests issued by this task.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Transaction indoubt option	INDOUBT	Indicates the action taken when a CICS region fails, or loses connectivity with its coordinator, during two-phase commit processing, and the UOW has entered an in-doubt state. If WAIT is specified in the Wait Option field, this field has no effect until the wait time expires. The valid values are: • BACKWARD - All changes made to recoverable resources are backed out and the resources are returned to the state they were in before the start of the UOW. • FORWARD - All changes made to recoverable resources are committed and the in-flight UOW is marked as completed.
Data length of data read from the repository	TMRWBRDL	The data length of data read from the repository.
Maximum JVM TCB delay time	TMRJTDLY	This is a composite field displaying one of the following elements: • Delay incurred by this task due to waiting on the MAXJVMTCBS limit. • The number of times the task waited on the limit set by the system parameter MAXJVMTCBS.
BTS run asynchronous requests	BARASYCT	The number of run process/activity requests issued by this task in asynchronous mode.
User task read-only mode CPU time	TMRROCPU	This is a composite field displaying one of the following elements: • The read only mode CPU time used by this task. • The number of times that this task was dispatched in read only mode.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Total other RMI elapsed time	RMIOTHERTIME	This is a composite field displaying one of the following elements: • The total elapsed time the task spent in the CICS Resource Manager Interface (RMI) excluding the times listed separately (RMIDB2TIME, RMIDBCTLTIME, RMIEXECDLITM, RMIMQSERIEST, RMICPSMTIME and RMITCPIPTIME). • The number of times the task invoked the CICS Resource Manager Interface (RMI) excluding the times listed separately (RMIDB2TIME, RMIDBCTLTIME, RMIEXECDLITM, RMIMQSERIEST, RMICPSMTIME and RMITCPIPTIME).
Maximum shared program storage in ESDSA	PC31SHWM	Maximum amount (high-water mark) of program storage in use by the user task above the 16MB line, in the extended shared dynamic storage area (ESDSA).
Originating client IP address	OCLIPADR	The IP address of the originating client (or Telnet client).
Total number of socket requests	TMRSOTC	The total number of socket requests issued by this task.
Terminal information	TERMNALINFO	Information relating to the terminal: • byte 0 - Nature: – X'00' - Not applicable – X'01' - Terminal – X'02' - Session • byte 1 - Session Type: – X'00' - Not applicable – X'01' - IRC – X'02' - IRC XM – X'03' - IRC XCF – X'04' - LU61 – X'05' - LU62 SINGLE – X'06' - LU62 PARALLEL • byte 2 - Access method: – X'01' - VTAM – X'03' - BSAM – X'04' - TCAM – X'06' - BGAM – X'07' - CONSOLE • byte 3: Device type code.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Average storage usage above 16MB	USTG31OCC	The average storage occupancy of the user task above the 16MB line. This measures the area under the curve of storage in use against elapsed time.
Interregion communication (MRO) I/O wait time	IRIOTIME	This is a composite field displaying one of the following elements: • The total inter-region communication I/O wait time. • The number of times this task waited for inter-region communication I/O.
FEPI suspend time	SZWAIT	This is a composite field displaying one of the following elements: • Total elapsed time for which the user task waited for all FEPI services. • The number of times this task waited for any FEPI service.
RRMS/MVS unit of recovery ID	RRMSURID	The Unit of Recovery ID/token given to CICS by RRMS/MVS.
Number of IPCONN allocate requests	TMRISACT	The number of allocate session requests issued by the task for sessions on IP intercommunications connections.
CICSPlex SM RMI elapsed time	RMICPSMTIME	This is a composite field displaying one of the following elements: • The total elapsed time the task spent in the CICSPlex SM Resource Manager Interface (RMI). • The number of times the task invoked the CICSPlex SM Resource Manager Interface (RMI).
Number of FEPI START requests	SZSTRTCT	The number of FEPI start requests issued by this task.
First dispatch delay time caused by MXT	MXTDELAY	This is a composite field displaying one of the following elements: • The elapsed time waiting for first dispatch which was delayed because of the limits set by the system parameter, MXT, being reached. • The number of delays during the first dispatch due to the limits set by the system parameter, MXT, being reached.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
DB2 RMI elapsed time	RMIDB2TIME	This is a composite field displaying one of the following elements: • The total elapsed time the task spent in the DB2 Resource Manager Interface (RMI). • The number of times the task invoked the DB2 Resource Manager Interface (RMI).
Transaction class	TRANCLASS	The name of the transaction class to which the task belongs.
Number of WEB BROWSE requests	TMRWBBRC	The total number of web browse requests issued by this task.
Indoubt wait time	INDOUBTWAIT	Indicates whether an in-doubt UOW is to wait pending recovery from a failure that occurs after the UOW has entered the in-doubt state. The valid values are WAIT and NOWAIT.
Total length of documents created	DHTOTDCL	The total length of documents created by this task.
	DB2CONWT	This is a composite field displaying one of the following elements: • The amount of time that this task has spent waiting for DB2 connections. • The number of times the task waited for DB2 connections.
Average ECDSA storage usage	ECDSASOCC	The average storage occupancy in the ECDSA. This measures the area under the curve of storage in use against elapsed time.
Number of browse container channel requests	TMRPGBCC	The number of browse container channel requests issued by this task.
	CPUTIME	The CPU time, in seconds, used by this task. If monitoring is inactive, the value 0000:00:00.000000 is returned.
Number of web parse requests	TMRWBPRC	The number of web parse requests issued by this task.
Total number of file control requests	FCCOUNT	The number of file control requests issued by this user task, excluding OPEN, CLOSE, ENABLE, and DISABLE requests.
Real LU name	TMRRLUNM	The name of the VTAM logical unit of the terminal associated with this transaction.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
First program name	FIRSTPRGM	The name of the first program invoked at task-attach time.
Principal facility	FACILITY	The name of the facility associated with initiation of this task, if that facility is a transient data queue or a terminal or system. If the task was initiated otherwise, the facility value is blank. The FACILITYTYPE field tells you what type of facility caused task initiation, and therefore what FACILITY represents.
RRMS/MVS syncpoint coordination delay time	RRMSWAIT	This is a composite field displaying one of the following elements: • The amount of time spent by this task waiting for syncpoint coordination with RRMS/MVS. • The number of times that this task waited for syncpoint coordination with RRMS/MVS.
Number of GETMAIN requests in ECDSA	ECDSAGETM	The total number of ECDSA GETMAIN requests.
Number of FEPI characters received	SZCHRIN	The number of FEPI characters received by this task.
Total number of Enterprise bean requests	TMREJBTC	The number of enterprise bean requests issued by this task.
Peak number of bytes used by task in EUDSA	USTG31HWM	The peak number of bytes used by this task in the EUDSA.
CorbaServer name	TMRCBRNM	The name of the CorbaServer associated with the task.
Workload manager execution phase complete	EXECOMP	The entire execution phase of the work request (transaction) is complete.
Number of socket bytes encrypted	SOBYENCT	The number of bytes encrypted by this task that were passed over the TCP/IP Sockets Interface.
Number of user storage GETMAIN requests above 16MB	USTG31CNT	The number of user storage GETMAIN requests issued by this user task for storage above the 16MB line.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
	TMRKY9CP	This is a composite field displaying one of the following elements: • The total CPU time during which the user task was dispatched by the CICS dispatcher on a CICS Key 9 mode TCB. • The number of times this task was dispatched on a key 9 mode TCB. L9 mode TCBs are used for USERKEY OPENAPI application programs.
Transient data I/O wait time	TDIOTIME	This is a composite field displaying one of the following elements: • The total transient data I/O wait time. • The number of times this task waited for transient data I/O.
DB2 ready queue wait time	DB2RDYQW	This is a composite field displaying one of the following elements: • The amount of time that this task has spent waiting on the DB2 ready queue. • The number of times the task waited on the DB2 ready queue.
Data length of data written to the repository	TMRWBWDL	The data length of data written to the repository.
Number of inbound socket characters received	TMRSOI1C	The total number of inbound socket characters received by this task.
Number of WEB SEND requests	WBSENDCT	The total number of web send requests issued by this task.
WebSphere MQ RMI elapsed time	RMIMQSERIEST	This is a composite field displaying one of the following elements: • The total elapsed time the task spent in the WebSphere MQ Resource Manager Interface (RMI). • The number of times the task invoked the WebSphere MQ Resource Manager Interface (RMI).
Application naming - transaction name	APPLNAMETRAN	The name of the transaction that was currently executing when the resource shortage condition occurred as identified by the exception record.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Total number of document requests	DHTOTCT	The total number of document handling requests issued by this task.
Data length of all local IC starts with channel	TMRICSCD	The data length of all local IC starts with channel.
L8 TCB mode CPU time	L8CPUT	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the L8 TCB Mode. • The number of times this task was dispatched on the L8 TCB Mode. This mode is used by programs that are defined to be CONCURRENCY=THREADSAFE when they issue DB2 requests.
Task start time	START	The time when the task started in GMT (Greenwich Mean Time).
Number of file control DELETE requests	FCDELCNT	The total number of file control delete requests issued by this task.
Number of characters sent	TMRSOCOT	The number of characters sent by this task.
Global enqueue delay time	GNQDELAY	This is a composite field displaying one of the following elements: • The amount of time spent by this task waiting for a Global enqueue. • The number of times that this task waited for a Global enqueue.
First dispatch delay time	DSPDELAY	This is a composite field displaying one of the following elements: • The elapsed time waiting for the first dispatch This time includes the time waiting for MAXT or TRANCLASS limits. • The number of delays during the first dispatch.
Number of performance records	PERFRECCNT	The number of performance records written by the CICS Monitoring Facility (CMF) for this task.
Number of OO class library API requests	TMRCFACT	The total number of OO class library API requests

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
	TMRXTDLY	This is a composite field displaying one of the following elements: • The maximum CICS XPLink TCB delay time. • The number of times the user task waited to obtain a CICS XPLink TCB.
Peak number of persistent sockets	TMRSOPHW	The peak number of persistent sockets associated with this task.
Total number of transient data requests	TDCOUNT	The number of transient data requests issued by this user task, including GET, PUT, and PURGE requests.
Number of GETMAIN requests in CDSA	CDSAGETM	The total number of CDSA GETMAIN requests.
Maximum program storage in ECDSA	ECDSAPSHWM	The high-water-mark number of bytes used by this task for programs in the ECDSA.
Number of inbound socket characters sent	TMRSOO1C	The number of inbound socket characters sent by this task.
Number of temporary storage GET requests	TSGETCNT	The number of temporary storage get/read requests issued by this task.
Original ABEND code	ABCODEO	The name of the original abend code.
Number of transient data GET requests	TDGETCNT	The number of transient data get/read requests issued by this task.
Number of program LINK requests	PCLINKCNT	The number of program link requests issued by this task.
Current ABEND code	ABCODEC	The identifier of the current abend code.
Run synchronous transaction wait time	RUNTRWTT	This is a composite field displaying one of the following elements: • The total amount of time that this transaction has spent waiting for a transaction it attached synchronously to complete. • The number of times the task waited for a transaction it attached synchronously to complete. For CICS BTS this field will record the times this task spent waiting for a Run Process or Run Activity to execute synchronously.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Number of put container channel requests	TMRPGPCC	The number of put container channel requests issued by this task.
BTS delete activity and cancel requests	BADCPACT	The number of delete activity and cancel process/activity requests issued by this task.
Maximum read-only program storage on RDSA	PC24RHWM	Maximum amount (high-water mark) of program storage in use by the user task below the 16MB line, in read-only dynamic storage area (RDSA).
Total JVM suspend time	JVMSUSP	This is a composite field displaying one of the following elements: • The amount of elapsed time this task was suspended back in CICS while executing as a Java Virtual Machine (JVM). • The number of times that this task was suspended back in CICS while executing as a Java virtual machine (JVM).
CPU time used while running in QR TCB mode	QRCPUT	This is a composite field displaying one of the following elements: • The amount of CPU time that this task has used when dispatched on the QR TCB Mode. • The number of times that this task was dispatched on the QR TCB Mode.
Originating task start time	OSTART	The time at which the originating task (for example, the CWXN task) was started.
Transaction ID started by bridge	BRDGTRAN	Indicates whether or not this transaction was started by the 3270 bridge facility. The field will indicate **No** if CICS monitoring is not switched on.
BTS activity data container requests	BAACDCCT	The number of activity data container requests issued by this task.
Transaction error flags	TASKFLAG	The transaction error flags for this task.
Number of web write requests	TMRWBWOC	The number of web write requests issued by this task.
Total number of BMS requests	BMSCOUNT	The number of terminal control, or basic mapping support (BMS), requests issued by this user task, including MAP, IN, and OUT requests.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Recovery manager UOW unshunted	UNSHUNTED	The total number of units of work that lost connection to their recovery coordinator during syncpoint processing but were not shunted for indoubt failure.
Shared temporary storage I/O wait time	SHAREDTSWAIT	This is a composite field displaying one of the following elements: • The total shared temporary storage wait time. • The number of times the task waited for shared temporary storage.
Partner wait time	TMRPTPWT	This is a composite field displaying one of the following elements: • The total partner wait time. • The number of times that this task waited for the partner transaction to complete.
TCP/IP Service name	TMRTCPSV	The name of the TCP/IP service.
Originating applid	OAPPLID	The applid of the CICS region in which this work request (transaction) originated; (for example, the region in which the CWXN task ran)
Number of transient data PUT requests	TDPUTCNT	The number of transient data put/write requests issued by this task.
User task key 8 mode CPU time	TMRKY8CP	This is a composite field displaying one of the following elements: • The key 8 mode CPU time used by this task. • The number of times that this task was dispatched in key 8 mode.
BTS retrieve reattach event requests	BARATECT	The number of retrieve reattach event requests issued by this task.
BTS define input event requests	BADFIECT	The number of define input event requests issued by this task.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Other TCB mode dispatch time	MSDISPT	This is a composite field displaying one of the following elements: • The amount of time that this task has been dispatched on TCB Modes other than QR, H8, J8, L8, and S8 TCB Modes. • The number of times that this task 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, and so on.
BTS timer associated event requests	BATIAECT	The number of timer associated event requests issued by this task. This field includes: • DEFINE TIMER EVENT • CHECK TIMER EVENT • DELETE TIMER EVENT • FORCE TIMER EVENT
OTS indoubt wait time	TMROIDWT	This is a composite field displaying one of the following elements: • The object transaction service indoubt wait time. • The number of times that this task waited indoubt for object transaction services.
Data storage key	TASKDATAKEY	The storage key of the storage CICS allocates at task initialization for the duration of the task (task-lifetime storage), and which is accessible by the application. These storage areas are the EXEC interface block (EIB) and the transaction work area (TWA). Values are: • USER - CICS obtains user-key storage for this transaction. Application programs executing in any key can both read and modify these storage areas • CICS - CICS obtains CICS-key storage for this transaction. Application programs executing in CICS key can both read and modify these storage areas. Application programs executing in user key can only read these storage areas.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Number of file control ADD requests	FCADDCNT	The total number of file control add/new record write requests issued by this task.
Local unit of work (UOW) ID	UOWID	The local identifier of the unit of work associated with this task.
VTAM LU name	LUNAME	The name of the VTAM logical unit of the terminal associated with this transaction
Interval control delay time	INTVLWAIT	This is a composite field displaying one of the following elements: • The total interval control delay time. • The number of times the task waited as a result of interval control services.
Number of BMS map requests	BMSMAPCNT	The number of BMS map requests by this task.
BTS resume requests	BARMPACT	The number of resume process/activity requests issued by this task.
Transaction ID	TRANID	The name of the transaction associated with the task.
User task dispatch time	DISPTIME	This is a composite field displaying one of the following elements: • The elapsed time since the task was dispatched. • The number of times this task was dispatched.
Originating transaction sequence number	OTRAN	The transaction ID (TRANSID) of the originating task (for example, the CWXN task).
Distributed program link (DPL) request count	PCDPLCT	The total number of times this task has issued a CICS Program Control Distributed Program Link to another CICS system.
LU 6.2 network-wide UOW netname	NETNAME	The network name of the originating system.
Number of user replaceable module link requests	PCLURMCT	The number of times that this task has issued a link to a user replaceable module.
Maximum program storage across all DSAs	PSTGHWM	The high-water-mark number of bytes used by this task for programs in all DSAs.
Number of journal output requests	JCUSRWCNT	The number of journal output requests issued by this task.
Number of socket bytes decrypted	SOBYDECT	The number of bytes decrypted by this task that were passed over the TCP/IP Sockets Interface.

Table 166. Fields in HTASK views (continued)

Field	Attribute name	Input values
Total number of IMS requests	IMSREQCT	The number of IMS database requests issued by this task.
Workload manager begin-to-end phase complete	BTECOMP	The total begin-to-end phase of the work request (transaction) is complete.
Total number of TS requests	TSCOUNT	The number of temporary storage requests issued by this user task, including GET, PUT, and PURGE requests.
IMS request wait time	IMSWAIT	This is a composite field displaying one of the following elements: • The amount of time that this task has spent waiting for IMS Database Requests to complete. • The number of times the task waited for IMS Database Requests to complete.
LU61 I/O wait time	LU61WTT	This is a composite field displaying one of the following elements: • The total LU6.1 I/O wait time. • The number of times this task waited for LU6.1 I/O.
	TMRCMDLY	This is a composite field displaying one of the following elements: • The elapsed time in which the user task waited for redispatch after a CICS Dispatcher change-TCB mode request was issued by or on behalf of the user task. • The number of times the user task waited for redispatch after a CICS Dispatcher change-TCB mode request was issued by or on behalf of the user task. For example, a change-TCB mode request from a CICS L8 or S8 mode TCB back to the CICS QR mode TCB might have to wait for the QR TCB because another task is currently dispatched on the QR TCB.
Average storage usage below 16MB	USTG24OCC	The average storage occupancy of the user task below the 16MB line. This measures the area under the curve of storage in use against elapsed time.

EXCI requests - EXCI

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

Supplied views

To access from the main menu, click:

CICS operations views > Task operations views > EXCI requests

Table 167. Views in the supplied **EXCI requests** *(EXCI) view set*

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

Actions

None.

Fields

Table 168. Fields in EXCI views

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

Interval control requests - REQID

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

Supplied views

To access from the main menu, click:

CICS operations views > Task operations views > Interval control requests

Table 169. Views in the supplied **Interval control requests** *(REQID) view set*

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

Actions

Table 170. Actions available for REQID views

Action	Description
CANCEL	Cancels an interval control element.

Fields

Table 171. Fields in REQID views

Field	Attribute name	Input values
Interval until request expires	INTERVAL	The amount of time that remains until the request expires.
Expiration time	TIME	The expiration time associated with the request.
TERMID from START command that created request	TERMID	The terminal name associated with the request.
Associated user ID	USERID	The ID of the user associated with the task that created this request.
RTRANSID from START command that created request	RTRANSID	The remote transaction name associated with the request.
TRANSID specified by command creating request	TRANSID	The transaction name associated with the request.

Table 171. Fields in REQID views (continued)

Field	Attribute name	Input values
Function management headers status	FMHSTATUS	Indicates whether the data asociated with the request contains function management headers: • FMH - The data associated with the request contains a function management header. • NOFMH - The data associated with the request does not contain a function management header. • NOTAPPLIC - Either there is no data associated with the request or the request type is not START or ROUTE.
QUEUE from START command that created request	QUEUE	The queue value associated with the request.
Request name	NAME	The name of the request.
RTERMID from START command that created request	RTERMID	The remote terminal name associated with the request.
Length of associated data	LENGTH	The length of the associated data
Type of command that created request	REQTYPE	The request type attribute. • DELAY - The queued request was issued by a DELAY command. • POST - The queued request was issued by a POST command. • START - The queued request was issued by a START command. • ROUTE - The queued request was issued by a ROUTE command.

3270 bridge facilities - BRFACIL

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

Supplied views

To access from the main menu, click:

CICS operations views > Terminal operations views > 3270 bridge facilities

Table 172. Views in the supplied **3270 bridge facilities** *(BRFACIL) view set*

View	Notes
3270 bridge facilities EYUSTARTBRFACIL.DETAILED	Detailed information about a selected 3270 bridge facility.

Table 172. Views in the supplied **3270 bridge facilities** *(BRFACIL) view set (continued)*

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

Actions

Table 173. Actions available for BRFACIL views

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

Fields

Table 174. Fields in BRFACIL views

Field	Attribute name	Description
Facility keep time	KEEPTIME	The length of time that a bridge facility is retained whilst inactive. The facility is marked for deletion after this period expires.
Remote bridge target region network name	LINKSYSNET	The applid of the target region if the Link3270 bridge request is routed to another region. If the request is processed in the same region as the Link3270 router, then this field is blank. This field may change if dynamic transaction routing makes more than one attempt at running the first transaction in a Link3270 session. This field is only set in the router region.
Remote bridge target region system ID	LINKSYSTEM	The system ID of the target region if the Link3270 bridge request is routed to another region. If the request is processed in the same region as the Link3270 router, this field is blank. This field may change if dynamic transaction routing makes more than one attempt at running the first transaction in a Link3270 session. This field is only set in the router region.
Bridge facility token	NAME	The 8 byte facility token of the bridge facility.

Table 174. Fields in BRFACIL views (continued)

Field	Attribute name	Description
Namespace type	NAMESPACE	The scope of the namespace used to allocate bridge facility names. Values are: • LOCAL - The bridge facility was allocated by the START BREXIT bridge mechanism, so its name is unique only in the local region where it is created. • SHARED - The bridge facility was allocated by the Link3270 bridge mechanism, so its name is unique across all CICS router regions in the CICSplex who have access to a shared DFHBRNSF namespace file.
Network name	NETNAME	The virtual network name of the 3270 Bridge Facility.
Remote bridge router network name	REMOTESYSNET	The applid of the bridge router region. This field is only set in the target region. It is blank if the request is processed in the router region and not sent to an target region.
Remote bridge router system ID	REMOTESYSTEM	The system ID of the bridge router region. This field is only set in the target region. It is blank if the request is processed in the router region and not sent to a target region.
Task number	TASKID	The number of the active CICS task currently running on the 3270 bridge facility. This field is only displayed in the target region, and is set to zero when the bridge is not in use.
Terminal	TERMID	The virtual terminal ID of the 3270 bridge facility.
Terminal status	TERMSTATUS	The status of the bridge facility. Values are: • ACQUIRED - The bridge facility is currently in use. • AVAILABLE - The bridge facility is not in use. It can be reused by the client. • RELEASED - SET BRFACILITY RELEASED has been issued for the bridge facility. It will be deleted on the next cleanup cycle.

Table 174. Fields in BRFACIL views (continued)

Field	Attribute name	Description
Transaction	TRANSID	The name of the user transaction currently running on the 3270 bridge facility. This field is blank if the bridge is not currently in use.
User ID	USERID	The user identifier associated with the 3270 bridge facility.

Work requests - WORKREQ

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

Supplied views

To access from the main menu, click:

CICS operations views > Task operations views > Work requests

Table 175. Views in the supplied **Work requests** *(WORKREQ) view set*

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

Actions

Table 176. Actions available for WORKREQ views

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

Fields

Table 177. Fields in WORKREQ views

Field	Attribute name	Input values
Local task number	TASK	The Local task number.

Table 177. Fields in WORKREQ views (continued)

Field	Attribute name	Input values
Current request ID	REQUESTID	The ID of the current request. This value is sent by the client initiating the request and is used to associate the reply with the request. A client can be processing more than one request at any given moment.
Client TCP/IP address	CLIENTIPADDR	The TCPIP address of the client that originated the request.
Type of work being performed	WORKTYPE	The type of work being performed: • IIOP - Specifies that the work is being performed for an IIOP request • SOAP - Specifies that the work is being performed for a Web service request
Transaction ID that received the request	OTRANSID	The transaction ID that received the request
Local transaction ID	TRANSID	The ID of the local transaction.
Task that received the request	OTASK	The number of the task (RequestReceiver) that received the request.
Purge type	PURGETYPE	Specifies whether a task is to be purged or forcepurged. The values are: • Forcepurge - The work request is terminated immediately. System integrity is not guaranteed. In some extreme cases, for example if a work request is forcepurged during backout processing, CICS terminates abnormally. If you want to terminate a work request but do not want to terminate CICS, you should use PURGE instead of FORCEPURGE. • Purge - The work request is terminated, but termination occurs only when system and data integrity can be maintained.
Originating tasks application ID	OAPPLID	The applid of the originating task.
Work request	NAME	The token generated by CICS to identify the work request.

Table 177. Fields in WORKREQ views (continued)

Field	Attribute name	Input values
Address of target CICS system	TSYSTEM	The applid of the target CICS system. This field can be one of the following: • The dotted decimal TCPIP address and port number of the target system • Up to eight characters followed by blanks. In this case these 8-characters, or less, are the VTAM applid of the target system • If the field contains only a string of blank characters (spaces), the target is not CICS over MRO • Another value. CICS does not know about any other possibilities. Any other value must be meaningful to other software at your installation which expects to work with the value obtained from this parameter of this CICS command
Associated corba server	CORBASERVER	Associated CorbaServer
Stack level of call	STACK	The stack level of this call. As each new request is received from the client the request receiver creates a stack and initializes it with a value of 1. The stack is incremented by 1 every time a new bean is invoked, and decremented each time a bean which has incremented it terminates. So the value of the stack gives the current level within the EJB transaction at which this work request is executing. If a request is sent to a non-CICS EJB server, this field is NOT incremented.
Host port that received the request	LISTENERPORT	The host port that received the request.

Storage element by task - TASKESTG

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

Supplied views

To access from the main menu, click:

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

Table 178. Views in the supplied **Storage element by task** *(TASKESTG) view set*

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

Actions

None.

Fields

Table 179. Fields in TASKESTG views

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

File usage by task - TASKFILE

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

Supplied views

To access from the main menu, click:

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

Table 180. Views in the supplied **File usage by an individual task** *(TASKFILE) view set*

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

Actions

None.

Fields

Table 181. Fields in TASKFILE views

Field	Attribute name	Input values
Data set name	DSNAME	The name of the data set.
Number of access method calls	FCAMCNT	The total number of access method (VSAM and BDAM) requests issued for this task by CICS file control.
Transaction ID	MNRTRANID	The name of the transaction associated with the task.
BROWSE request time and count	MNRBRWSE	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for completion of BROWSE requests issued by the user task for this file. • The number of BROWSE requests issued against the file.
READ request time and count	MNRGET	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for completion of READ requests issued by the user task for this file. • The number of READ requests issued against the file.
Resource flags	MNRIDFLAGS	A string of 32 bits used for signaling resource status information.
File ID	MNRNAME	The name of the file used by the Task.
File I/O wait time and count	MNRIOWT	This is a composite field containing either or both of the following elements: • The total elapsed time that the user task waited for completion of all input and output requests issued by the user task for this file. • The total number of input and output requests issued against the file.

Table 181. Fields in TASKFILE views (continued)

Field	Attribute name	Input values
Total request time and count	MNRTOTAL	This is a composite field containing either or both of the following elements: • The total elapsed time that the user task waited for completion of all READ, WRITE, REWRITE, DELETE, STARTBR, ENDBR, UNLOCK and RESETBR requests issued by the user task for this file. • The total number of READ, WRITE, REWRITE, DELETE, STARTBR, ENDBR, UNLOCK and RESETBR requests issued against the file.
User ID	MNRUSERID	The ID of the user associated with the task.
ADD request time and count	MNRADD	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for completion of ADD requests issued by the user task for this file. • The number of ADD requests issued against the file.
CFDT I/O wait time and count	MNRCFDTIOWT	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for completion of CFDT input and output requests issued by the user task for this file. • The number of CFDT input and output requests issued against the file.
RLS I/O wait time and count	MNRRLSIOWT	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for completion of RLS input and output requests issued by the user task for this file. • The number of RLS input and output requests issued against the file.
File limit exceeded	MNRFILELIMIT	Shows whether the maximum number of files to be monitored (defined in the MCT) has been exceeded.
Task ID	MNRTASKNO	The ID of the task.

Table 181. Fields in TASKFILE views (continued)

Field	Attribute name	Input values
Task start time	MNRSTART	The time when the task started.
DELETE request time and count	MNRDEL	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for completion of DELETE requests issued by the user task for this file. • The number of DELETE requests issued against the file.
WRITE request time and count	MNRPUT	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for completion of WRITE requests issued by the user task for this file. • The number of WRITE requests issued against the file.

TS queue usage by task - TASKTSQ

The **TS queue usage by task** (TASKTSQ) views display information about tasks and the CICS temporary storage queues they have used in active systems being managed by CICSPlex SM.

Supplied views

To access from the main menu, click:

CICS operations views > Task operations views > TS queue usage by task

Table 182. Views in the supplied **TSQ usage by an individual task** *(TASKTSQ) view set*

View	Notes
TSQ usage by an individual task EYUSTARTTASKTSQ.TABULAR	Tabular information about tasks and their associated CICS temporary storage queues.
TSQ usage by an individual task EYUSTARTTASKTSQ.DETAILED	Detailed information about temporary storage queues associated with a selected file.

Actions

None.

Fields

Table 183. Fields in TASKTSQ views

Field	Attribute name	Input values
Main TS queue WRITEQ time and count	TSQPUTMAIN	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for WRITEQ requests to main temporary storage issued by the user task for this temporary storage queue. • The number of WRITEQ requests to main temporary storage issued against the temporary storage queue.
Transaction ID	MNRTRANID	The name of the transaction associated with the task.
Resource flags	MNRIDFLAGS	Resource flags, a string of 32 bits used for signaling resource status information.
Shared TS queue I/O wait time	SHRTSQIOWT	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for input and output requests issued by the user task for this shared temporary storage queue. • The total number of input and output requests issued against the shared temporary storage queue.
Auxiliary TS queue WRITEQ time and count	TSQPUTAUX	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for WRITEQ requests to auxiliary temporary storage issued by the user task for this temporary storage queue. • The number of WRITEQ requests to auxiliary temporary storage issued against the temporary storage queue.
Main TS queue WRITEQ item length	PUTMAINITEML	The total length of all items written to the main temporary storage queue.
User ID	MNRUSERID	The ID of the user associated with the task.

Table 183. Fields in TASKTSQ views (continued)

Field	Attribute name	Input values
TS queue READQ time and count	TSQGET	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for GET requests issued by the user task for this temporary storage queue. • The number of GET requests issued by the user task against the temporary storage queue.
TS queue limit exceeded	MNRTSQLIMIT	The number of times the maximum number of TS queues to be monitored (defined in the MCT) has been exceeded.
Total TSQ READQ, WRITEQ and DELETEQ time and count	TSQTOTAL	This is a composite field containing either or both of the following elements: • The total elapsed time that the user task waited for all requests issued by the user task for this temporary storage queue. • The total number of requests issued by the user task against the temporary storage queue.
DSECT ID mask	MNRDSID	The DSECT ID mask.
Task ID	MNRTASKNO	The ID of the task.
TS queue I/O wait time	TSQIOWT	This is a composite field containing either or both of the following elements: • The elapsed time that the user task waited for input and output requests issued by the user task for this temporary storage queue. • The total number of input and output requests issued against the temporary storage queue.
Auxiliary TS queue WRITEQ item length	PUTAUXITEML	The total length of all items written to the auxiliary temporary storage queue.
Task start time	MNRSTART	The time when the task started.
TS queue READQ item length	TSQGETITEML	The total length of all items read from this temporary storage queue.
TS queue name	TSQNAME	The CICS 16-character name of the temporary storage queue.
DSECT version number	MNRDSVER	The DSECT version number.

RMI usage by task - TASKRMI

The **RMI usage by an individual task** (TASKRMI) views display information about the use tasks have made of the CICS Resource Manager Interface (RMI).

Supplied views

To access from the main menu, click:

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

Table 184. Views in the supplied **RMI usage by task** *(TASKRMI) view set*

View	Notes
RMI usage by task EYUSTARTTASKRMI.TABULAR	Tabular information about use made of the RMI by tasks
RMI usage by task EYUSTARTTASKRMI.DETAILED	Detailed information about the RMI use of a selected task

Actions

None.

Fields

Table 185. Fields in TASKRMI views

Field	Attribute name	Input values
MQSeries RMI elapsed time	RMIMQSERIEST	This is a composite field containing either or both of the following elements: • The total elapsed time spent in the CICS RMI waiting for WebSphere MQ requests. • The number of WebSphere MQ requests in the CICS RMI
Transaction ID	TRANID	The name of the transaction associated with the task.
Task response time	RESPTIME	The task response time in milliseconds.
User task dispatch time	DISPTIME	This is a composite field containing either or both of the following elements: • The elapsed time since the task was dispatched. • The total number of requests issued by this task since the task was dispatched.
Total RMI elapsed time at last statistics interval	RMITOTALTIME	This is a composite field containing either or both of the following elements: • The total elapsed time spent in the RMI including time suspended. • The total number of requests issued by this task in the RMI.

Table 185. Fields in TASKRMI views (continued)

Field	Attribute name	Input values
Total other elapsed time	RMIOTHERTIME	This is a composite field containing either or both of the following elements: • The total elapsed time spent in the RMI excluding time suspended. • The total number of requests issued by this task in the RMI excluding suspend requests.
DL/I RMI elapsed time	RMIEXECDLITM	This is a composite field containing either or both of the following elements: • The total elapsed time spent in the CICS RMI waiting for EXEC DLI requests. • The number of EXEC DLI requests in the CICS RMI
Task start time	START	The time when the task started.
User ID	USERID	The ID of the user associated with the task.
CICSPlex SM RMI elapsed time	RMICPSMTIME	This is a composite field containing either or both of the following elements: • The total elapsed time spent in the CICS RMI waiting for CICSPlex SM requests. • The number of CICSPlex SM requests in the CICS RMI
Dispatch wait time	WAITTIME	This is a composite field containing either or both of the following elements: • The total elapsed time spent in the CICS RMI waiting for redispatch requests. • The number of redispatch requests in the CICS RMI
DB2 RMI elapsed time	RMIDB2TIME	This is a composite field containing either or both of the following elements: • The total elapsed time spent in the CICS RMI waiting for DB2 requests. • The number of DB2 requests in the CICS RMI
Task suspend time	SUSPTIME	This is a composite field containing either or both of the following elements: • The total elapsed time the task has been suspended since last dispatch. • The number of times the task has been suspended since last dispatch.
Task ID	TASKID	The ID of the task.

Table 185. Fields in TASKRMI views (continued)

Field	Attribute name	Input values
Task stop time	STOP	The time when the task stopped
Total RMI elapsed time	RMITIME	This is a composite field containing either or both of the following elements: • The total elapsed time spent in the RMI, including time suspended. • The total number of requests issued by this task in the RMI.
TCP/IP Sockets RMI elapsed time	RMITCPIPTIME	This is a composite field containing either or both of the following elements: • The total elapsed time spent in the CICS RMI waiting for CICS TCP/IP socket requests. • The number of CICS TCP/IP socket requests in the CICS RMI
User task CPU time	CPUTIME	This is a composite field displaying one of the following elements: • The CPU time used by this task. • The number of times this task was dispatched.
DBCTL RMI elapsed time	RMIDBCTLTIME	This is a composite field containing either or both of the following elements: • The total elapsed time spent in the CICS RMI waiting for DBCTL requests. • The number of DBCTL requests in the CICS RMI

IP facilities - IPFACIL

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

Supplied views

To access from the main menu, click:

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

Table 186. Views in the supplied **IP facilities** *(IPFACIL) view set*

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

Actions

None.

Fields

Table 187. Fields in IPFACIL views

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

Task association data - TASKASSC

The ID of the task.

Supplied views

To access from the main menu, click:

CICS operations views > Task operations views > Task association data

Table 188. Views in the supplied **Task association information** *(TASKASSC) view set*

View	Notes
Task association information EYUSTARTTASKASSC.TABULAR	Tabular view displaying data for task correlation purposes
Task association information EYUSTARTTASKASSC.DETAILED	Detail view displaying data for task correlation purposes

Actions

None.

Fields

Table 189. Fields in TASKASSC views

Field	Attribute name	Input values
Originating facility name	ODFACILNAME	If the facility associated with the initiation of the originating task is a transient data queue, a terminal, or a system, this attribute contains the name of the facility. If the originating task was not started in any of these ways, this attribute contains blanks.
Originating task start time	ODSTARTTM	The time when the originating task was started, in basic character string format.
Scheduling IP server	SERVERIPADDR	The IP address of the TCP/IP server that scheduled this task. When the IPFAMILY option contains 'IPV4', the address is a 15-character, dotted-decimal, IP Version 4 address, padded with blanks. If this task was not started from a TCP/IP server, this attribute contains blanks.
Client IP address	CLIENTIPADDR	The IP address of the TCP/IP client that requested this task to start. When the IPFAMILY option contains 'IPV4', the address is a 15-character, dotted-decimal, IP Version 4 address, padded with blanks. If this task was not started from a TCP/IP client, this attribute contains blanks.
Network ID	NETID	The network ID of the terminal from which this task was started.
Originating task	ODTASKID	The identifier of the originating task that is associated with this task.
Task start time	STARTTM	The time when this task was started, in basic character string format.
Facility name	FACILNAME	The facility associated with the initiation of this task. If the task was started by an unnamed facility, this attribute contains blanks.
Originating IP addressing	ODIPFAMILY	Indicates the form of TCP/IP addressing used by the originating task. In this release only IP Version 4 addressing is supported.
Originating transaction ID	ODTRANSID	The name of the transaction under which the originating task ran.

Table 189. Fields in TASKASSC views (continued)

Field	Attribute name	Input values
TCP/IP addressing	IPFAMILY	Indicates the form of TCP/IP addressing used by this task. In this release, only IP Version 4 addressing is supported.
Originating client IP address	ODCLNTIPADDR	The IP address of the TCP/IP client that requested the originating task to start. (The originating task is the one that forms the root of a distributed transaction.) When the ODIPFAMILY option contains 'IPV4', the address is a 15-character, dotted-decimal, IP Version 4 address, padded with blanks. If the originating task was not started from a TCP/IP client, this attribute contains blanks.
User ID	USERID	The user ID associated with this task.
TCP/IP job	TCPIPJOB	The name of the TCP/IP job associated with the IP connection (IPCONN) that received the request that resulted in this task starting. If the task was not started in this way, TCPIPJOB contains blanks. Note: This function is dependent on Communication Server TCP/IP Network Access Control support being activated and the CLIENTIPADDRESS being configured into a network security zone
Originating VTAM LU name	ODLUNAME	The fully-qualified network name of the terminal from which the originating task was started. If the originating task was started from an IP interconnectivity (IPCONN), ISC over SNA (APPC), or MRO session, this attribute contains the network name of the remote region. If the originating task was not started from a terminal, nor from an IPCONN, APPC, or MRO session, this attribute contains blanks. For OTS transactions, this attribute contains blanks.
Application ID	APPLID	The CICS region this task is running in.
Originating facility type	ODFACILTYPE	The type of facility that initiated the originating task that is associated with this task.
Task ID	TASKID	The ID of the task.

Table 189. Fields in TASKASSC views (continued)

Field	Attribute name	Input values
Originating network ID	ODNETID	The network qualifier for the LUNAME that caused the task to run.
TCP/IP stack port number	CLIENTPORT	The number of the port that the TCP/IP stack used to send the request that resulted in this task being attached. If the task was not started in this way, CLIENTPORT contains zero.
Originating user ID	ODUSERID	The user ID under which the originating task ran.
First program	PROGRAM	The name of the first program invoked by a task executing this transaction.
Socket application data	APPLDATA	The application data associated by CICS with the socket that received the request that started this task. If the task was not started through a socket then APPLDATA is blank.
VTAM LU name	LUNAME	The fully-qualified network name of the terminal from which this task was started. If the task was started from an IP interconnectivity (IPCONN), ISC over SNA (APPC), or MRO session, LUNAME contains the network name of the remote region. If the task was not started from a terminal, nor from an IPCONN, APPC, or MRO session, LUNAME contains blanks. For OTS transactions, LUNAME contains blanks.
Transaction group ID	TRNGRPID	The transaction group ID of the origin transaction.
User ID of initiating task	INITUSERID	The user ID of the initiating task (the task that caused this one to be attached).
Originating network ID	ODNETWORKID	The network qualifier for the origin region APPLID that the task ran on.
Task start time	STARTTIME	A 21-character representation of the time when this task was started. The time is in the form yyyymmddhhmmss.ssssss.

Table 189. Fields in TASKASSC views (continued)

Field	Attribute name	Input values
User correlation data	USERCORRDATA	The user correlator data that was added to the associated data origin descriptor by means of an XAPADMGR global user exit program. This field is created when the originating task is started. If the global user exit program is not driven at that point, this attribute contains blanks.
TCP/IP network security zone	TCPIPZONE	The name of the TCP/IP network security zone, if any, associated with the IPCONN that received the request that resulted in this task starting. If there is no TCP/IP network security zone, or the task was not started in this way, this attribute contains blanks. Note: This function is dependent on Communication Server TCP/IP Network Access Control support being activated and the CLIENTIPADDRESS being configured into a network security zone.
MVS image	MVSIMAGE	The name of the MVS image associated with the TCPIPSERVICE used to receive a request that resulted in this task starting. If the task was not started in this way, MVSIMAGE contains blanks. Note: This function is dependent on Communication Server TCP/IP Network Access Control support being activated and the CLIENTIPADDRESS being configured into a network security zone.
TCP/IP service name	TCPIPSERVICE	The name of the TCPIPSERVICE associated with the IP connection (IPCONN) that received the request that resulted in this task starting. If the task was not started in this way, this attribute contains blanks.
TCPIPSERVICE listening port	SERVERPORT	The number of the port on which the TCPIPSERVICE that received the request that resulted in this task being attached, is listening. If the task was not started in this way, SERVERPORT contains zero.
Facility type	FACILTYPE	The type of facility that initiated this task.

Table 189. Fields in TASKASSC views (continued)

Field	Attribute name	Input values
Originating Application ID	ODAPPLID	The application ID taken from the Origin Descriptor associated with this task.
Originating task start time	ODSTARTTIME	21-character representation of the time when the originating task was started. The time is in the form yyyymmddhhmmss.ssssss.
IPCONN resource	IPCONN	The name of any IP connection (IPCONN) that was used to receive a request that resulted in this task starting. If the task was not started in this way, IPCONN contains blanks. This field contains a non-blank value only when the FACILTYPE is IPCONN.
Transaction ID	TRANSACTION	The name of the transaction that this task is executing.
Originating TCP/IP stack port number	ODCLNTPORT	The number of the port that the TCP/IP stack used to send the request that resulted in the originating task being attached. If the originating task was not started in this way, ODCLNTPORT contains zero.

TCP/IP service operations views

The TCP/IP service operations views show information about TCP/IP services within the current context and scope.

TCP/IP services - TCPIPS

Name of the TCP/IP service.

Supplied views

To access from the main menu, click:

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

Table 190. Views in the supplied **TCP/IP services** *(TCPIPS) view set*

View	Notes
TCP/IP services EYUSTARTTCPIPS.DISCARD	Discard a TCP/IP service definition from the CICS system where it is installed.

Table 190. Views in the supplied **TCP/IP services** *(TCPIPS) view set (continued)*

View	Notes
TCP/IP services EYUSTARTTCPIPS.CLOSE	Close a TCP/IP service. When this action command is used, a managed CICS system no longer accepts input from this TCP/IP service definition. Output operations from transactions in a managed CICS system that use this TCP/IP service definition are allowed to complete.
TCP/IP services EYUSTARTTCPIPS.TABULAR	Tabular information about currently installed TCP/IP service definitions.
TCP/IP services EYUSTARTTCPIPS.DETAILED	Detailed information about a selected TCP/IP service definition.
TCP/IP service EYUSTARTTCPIPS.SET	Set attributes according new values specified in input fields.
TCP/IP service EYUSTARTTCPIPS.OPEN	Open a TCP/IP service. When this action command is used, a managed CICS system will accept input from this TCP/IP service definition.
TCP/IP service EYUSTARTTCPIPS.IMMCLOSE	Requests a TCP/IP service definition to be closed immediately. When this action command is used, a managed CICS system no longer accepts input from this TCP/IP service definition. If a managed CICS system has transactions that are using the TCP/IP service definition, when this action command is used these transactions may be abnormally terminated.
TCP/IP service EYUSTARTTCPIPS.DETAIL1	Detailed SSL cipher suite code information for a selected TCP/IP service definition.

Actions

Table 191. Actions available for TCPIPS views

Action	Description
CLOSE	Close a TCP/IP service. When this action command is used, a managed CICS system no longer accepts input from this TCP/IP service definition. Output operations from transactions in a managed CICS system that use this TCP/IP service definition are allowed to complete.
DISCARD	Discard a TCP/IP service definition from the CICS system where it is installed.
DEREGISTER	Deregister a TCP/IP service definition.
SET	Set attributes according new values specified in input fields.
OPEN	Open a TCP/IP service. When this action command is used, a managed CICS system will accept input from this TCP/IP service definition.

Table 191. Actions available for TCPIPS views (continued)

Action	Description
IMMCLOSE	Requests a TCP/IP service definition to be closed immediately. When this action command is used, a managed CICS system no longer accepts input from this TCP/IP service definition. If a managed CICS system has transactions that are using the TCP/IP service definition, when this action command is used these transactions may be abnormally terminated.

Fields

Table 192. Fields in TCPIPS views

Field	Attribute name	Input values
Number of sends across all sockets	SENDS	The total number of sends made across all sockets in this TCP/IP Service.
Number of connections	CONNECTIONS	The current number of socket connections associated with this service.
Number of bytes sent across all sockets	BYTESENT	The total number of bytes sent across all sockets in this TCP/IP Service.
SSL cipher suite codes	CIPHERS	A value specifying up to 28 cipher suites, in the form of hexadecimal pairs.
	IPADDRESS	The IP address used for this TCP/IP service.
Attach-time security	ATTACHSEC	Indicates, for ECI over TCP/IP services, the level of attach-time security used by connections to CICS Clients: • LOCAL - CICS does not require a userid or password from clients. • VERIFY - Incoming attach requests must specify a user identifier and a user password.
	PORT	The port number on which the managed CICS system is listening for incoming client requests.
Privacy for clients using this service	PRIVACY	Indicates the level of SSL encryption required for inbound connections to this service. • REQUIRED - Encryption must be used. • SUPPORTED - Encryption is used if both client and server support it. • NOTSUPPORTED - Encryption must not be used.

Table 192. Fields in TCPIPS views (continued)

Field	Attribute name	Input values
Critical domain name service (DNS) group member	GRPCRITICAL	Whether or not this TCP/IP service is a critical member of the DNS group: • CRITICAL - If this TCPIPSERVICE is closed, or abnormally stops listening for any reason, the group name specified in the DNSGROUP attribute is deregistered from WLM. • NONCRITICAL - If this TCPIPSERVICE is closed, or abnormally stops listening for any reason, the group name specified in the DNSGROUP attribute is not deregistered from WLM, unless this is the last service in a set with the same group name.
	BACKLOG	The maximum number of requests which can be queued in TCP/IP waiting to be processed. Input Values: 0 - 32767.
Number of receives across all sockets	RECEIVES	The total number of receives made across all sockets in this TCP/IP Service.
	SOCKETCLOSE	The action taken by the managed CICS system if no data is received from the socket. • WAIT - The managed CICS system waits and does not close the socket if no data is received. • TIMEOUT - The managed CICS system will close the socket if no data has been received after the period specified in the close timeout parameter.
Basic authentication realm name	REALM	The realm that is provided when CICS requests basic authentication.
	PROTOCOL	The name of the protocol being used by this TCP/IP resource: • ECI - ECI over TCP/IP protocol. • HTTP - Hypertext Transfer protocol. • IIOP - Internet Inter-orb protocol. • IPIC - IP Interconnectivity protocol. • USER - User-defined protocol.

Table 192. Fields in TCPIPS views (continued)

Field	Attribute name	Input values
	TSQPREFIX	This parameter is no longer required or used in CICS Transaction Server for z/OS, Version 3 Release 2 and later releases.
Timeout for socket close (seconds)	CLOSETIMEOUT	The period in seconds after which the managed CICS system will close the socket if no data is received. This value applies when the socket close parameter is TIMEOUT.
Certificate	CERTIFICATE	The name of a certificate within the key ring file that is to be used in the SSL handshake for this TCP/IP service.
	TIMEOPEN	The local time at which this TCP/IP service was opened.
Maximum length of data that may be received	MAXDATALEN	The maximum length of data that may be received on this TCP/IP service.
GMT service open time	GMTSERVOPN	The Greenwich mean time at which this TCP/IP service was opened.
Number of transactions attached	TRANATTACH	The total number of transactions attached via this TCP/IP Service.
Peak number of connections	PEAKCONNS	The peak number of socket connections in use across this TCP/IP Service.
Number of SSL cipher suite codes	NUMCIPHERS	The count of cipher suite codes, which are specified as hexadecimal pairs.
User-replaceable module name	URM	The name of the user-replaceable module to be invoked by this service.
Number of bytes received across all sockets	BYTERCVD	The total number of bytes received across all sockets in this TCP/IP Service.
CICS transaction ID	TRANSID	The identifier of the transaction which is attached to process requests received for this service.
Domain name service (DNS) group	DNSGROUP	The DNS Group Name.

Table 192. Fields in TCPIPS views (continued)

Field	Attribute name	Input values
Secure sockets layer (SSL) type	SSLTYPE	Whether the service uses secure sockets layer. • NOSSL - The service does not use secure sockets layer. • SSL - Secure sockets layer is used by this service except for client authentication. • CLIENTAUTH - Secure sockets layer is used by this service including client authentication.
TCP/IP service name	NAME	Name of the TCP/IP service.
TCP/IP service status	OPENSTATUS	The state of the TCP/IP service definition as follows: • OPEN - Input is accepted from this TCP/IP service definition. • OPENING - Input is not accepted from this TCP/IP service definition. The service is in the process of OPENING. • CLOSED - Input is not accepted from this TCP/IP service definition. • IMMCLOSE - Input is not accepted from this TCP/IP service definition. If a managed CICS system has transactions that are using the TCP/IP service definition, these transactions might be abnormally terminated. • MMCLOSING - Input is not accepted from this TCP/IP service definition. CICS internal sockets support is in the process of immediate termination.
	AUTHENTICATE	The level of authentication used by this TCP/IP resource.

Table 192. Fields in TCPIPS views (continued)

Field	Attribute name	Input values
Domain name service (DNS) status	DNSSTATUS	The current state of WLM/DNS registration for this TCP/IP service: • NOTAPPLIC - This service is not using DNS connection optimization. No DNSGROUP attribute was specified when the resource was installed. • UNAVAILABLE - Registration is not supported by OS/390 • UNREGISTERED - Registration has not yet occurred (this is the initial state of any service). • REGISTERED - Registration has completed successfully. • REGERROR - Registration has failed with an error. • DEREGISTERED - Deregistration has completed successfully. • DEREGERROR - Deregistration has failed with an error.

Global TCP/IP statistics - TCPIPGBL

The **TCP/IP global statistics** (TCPIPGBL) views display information about CICS internal TCP/IP sockets support.

Supplied views

To access from the main menu, click:

CICS operations views > TCP/IP service operations views > Global TCP/IP statistics

Table 193. Views in the supplied **Global TCP/IP statistics** *(TCPIPGBL) view set*

View	Notes
Global TCP/IP statistics EYUSTARTTCPIPGBL.TABULAR	Tabular information about CICS internal TCP/IP sockets
Global TCP/IP statistics EYUSTARTTCPIPGBL.DETAILED	Detailed information about TCP/IP sockets in a selected CICS system
Global TCP/IP statistics EYUSTARTTCPIPGBL.SET	Set attributes according new values specified in input fields
Global TCP/IP statistics EYUSTARTTCPIPGBL.DETAIL1	Details of CRL profile in a selected CICS system.

Actions

Table 194. Actions available for TCPIPGBL views

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

Fields

Table 195. Fields in TCPIPGBL views

Field	Attribute name	Input values
Number of timeouts at maximum sockets	TDOMAXSOCKS	The number of timeouts at maxsockets since the last CICS statistics reset.
Peak number of requests delayed at maximum sockets	PDELMAXSOCKS	The peak number of tasks waiting at maxsockets since the last CICS statistics reset.
Number of outbound sockets created	OUTSOCKETSCR	The number of outbound TCP/IP sockets created since the last CICS statistics reset.
Number of outbound sockets closed	OUTSOCKETSCL	The number of outbound TCP/IP sockets closed since the last CICS statistics reset.
Peak number of inbound sockets	PINSOCKETS	The peak number of inbound TCP/IP sockets since the last CICS statistics reset.
Maximum number of TCP/IP sockets	MAXSOCKETS	The maximum number of TCP/IP sockets that can be managed by the CICS sockets domain. Input Values: 1 - 65535
	CRLPROFILE	The name of the Certificate Revocation List (CRL) Profile.
Current number of requests delayed at maximum sockets	CDELMAXSOCKS	The current number of tasks waiting at maxsockets.
Number of times maximum sockets reached	TIMMAXSOCKS	The number of times the maxsockets limit was reached since the last CICS statistics reset.
CRL server name	CRLSERVER	The name of the Certificate Revocation List (CRL) server.
Peak number of persistent outbound sockets	PPERSOCKETS	The peak number of persistent outbound TCP/IP sockets since the last CICS statistics reset.
SSL cache type	SSLCACHE	The SSL Cache type - may be CICS, SYSPLEX or Not applicable.
Number of active TCP/IP sockets	ACTSOCKETS	The current number of active TCP/IP sockets managed by the CICS sockets domain.

Table 195. Fields in TCPIPGBL views (continued)

Field	Attribute name	Input values
TCP/IP status	STATUS	The status of CICS internal sockets support (TCP/IP). Input Values: OPEN, CLOSED, IMMCLOSE
Number of persistent outbound sockets	CPERSOCKETS	The current number of persistent outbound TCP/IP sockets.
Number of inbound sockets created	INSOCKETSCR	The number of inbound TCP/IP sockets created since the last CICS statistics reset.
Total number of requests delayed at maximum sockets	DELMAXSOCKS	The number of tasks that have waited at maxsockets since the last CICS statistics reset.
Number of inbound sockets	CINSOCKETS	The current number of inbound TCP/IP sockets.
Number of outbound sockets	COUTSOCKETS	The current number of outbound TCP/IP sockets.
Current delay time at maximum sockets (seconds)	CQTMAXSOCKS	The current delay time at maxsockets (seconds).
Reserved area	RSVD1	The reserved area.
Total delay time at maximum sockets (seconds)	QTMAXSOCKS	The total delay time at maxsockets since the last CICS statistics reset (seconds).
Peak number of outbound sockets	POUTSOCKETS	The peak number of outbound TCP/IP sockets since the last CICS statistics reset.

IPIC connections - IPCONN

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

Supplied views

To access from the main menu, click:

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

Table 196. Views in the supplied **IPIC connections** *(IPCONN) view set*

View	Notes
IPIC connections EYUSTARTIPCONN.NORECOVDATA	Force all in-doubt units of work, forget any outstanding resynchs, and erase the logname previously received from the partner system.
IPIC connections EYUSTARTIPCONN.TABULAR	Tabular information about IP interconnectivity (IPIC) connections.
IPIC connections EYUSTARTIPCONN.DISCARD	Discard a connection from the CICS system where it is installed. The connection must be out of service before it can be discarded.

Table 196. Views in the supplied **IPIC connections** *(IPCONN) view set (continued)*

View	Notes
IPIC connections EYUSTARTIPCONN.CANCEL	Cancel all automatic initiation descriptors (AIDs) queuing for the IPIC connection.
IPIC connections EYUSTARTIPCONN.DETAILED2	Detailed session information and allocate requests for a selected IP interconnectivity (IPIC) connection.
IPIC connections EYUSTARTIPCONN.RELEASE	Release the IPIC connection.
IPIC connections EYUSTARTIPCONN.NOTPENDING	Force all in-doubt units of work and forget any outstanding resynchs created before the initial (or cold) start of the partner system. This overrides the resynchronization process.
IPIC connections EYUSTARTIPCONN.BACKOUT	Back out all units of work that have been shunted because of the failure of this IPIC connection.
IPIC connections EYUSTARTIPCONN.FORCEPURGE	Force transactions associated with the IP connection purged immediately.
IPIC connections EYUSTARTIPCONN.DETAILED	Detailed information about a selected IP interconnectivity (IPIC) connection.
IPIC connections EYUSTARTIPCONN.FORCECANCEL	Cancel all AIDs, including system AIDs, queuing for the IPIC connection.
IPIC connections EYUSTARTIPCONN.RESYNC	Attempt exchange lognames resynchronization.
IPIC connections EYUSTARTIPCONN.INSERVICE	Place a connection in service.
IPIC connections EYUSTARTIPCONN.SET	Display the **Set** view in order to change the attributes of a selected connection.
IPIC connections EYUSTARTIPCONN.PURGE	Purge normally the transactions associated with the IPIC connection. CICS terminates the transactions associated with this connection only if system and data integrity can be maintained. **Note:** A transaction is not purged if its definition specifies SPURGE=NO.
IPIC connections EYUSTARTIPCONN.OUTSERVICE	Take a connection out of service.

Table 196. Views in the supplied **IPIC connections** *(IPCONN) view set (continued)*

View	Notes
IPIC connections EYUSTARTIPCONN.KILL	Terminate the task allocated to the IPCONN session. System and data integrity is not guaranteed. The KILL option extends the PURGE and FORCEPURGE options. It should be used only after an attempt has been made to PURGE or FORCEPURGE a task. The KILL option does not guarantee integrity of any kind but in some situations it allows you to free up a stalled region, enabling the region to continue processing. In some cases, for example, if a task is killed during backout processing, CICS terminates abnormally.
IPIC connections EYUSTARTIPCONN.FORCE	Force all UOWs shunted because of the failure of this IPIC connection to BACKOUT or COMMIT, as specified on the ACTION option of the TRANSACTION definition.
IPIC connections EYUSTARTIPCONN.COMMIT	Commit all units of work that have been shunted because of the failure of this IP connection.
IPIC connections EYUSTARTIPCONN.ACQUIRE	Acquire a connection
IPIC connections EYUSTARTIPCONN.DETAILED3	Detailed function ship information for a selected IP interconnectivity (IPIC) connection.

Actions

Table 197. Actions available for IPCONN views

Action	Description
DISCARD	Discard a connection from the CICS system where it is installed. The connection must be out of service before it can be discarded.
NORECOVDATA	Force all in-doubt units of work, forget any outstanding resynchs, and erase the logname previously received from the partner system.
CANCEL	Cancel all automatic initiation descriptors (AIDs) queuing for the IPIC connection.
RELEASE	Release the IPIC connection.
NOTPENDING	Force all in-doubt units of work and forget any outstanding resynchs created before the initial (or cold) start of the partner system. This overrides the resynchronization process.
BACKOUT	Back out all units of work that have been shunted because of the failure of this IPIC connection.
FORCEPURGE	Force transactions associated with the IP connection purged immediately.
FORCECANCEL	Cancel all AIDs, including system AIDs, queuing for the IPIC connection.
RESYNC	Attempt exchange lognames resynchronization.

Table 197. Actions available for IPCONN views (continued)

Action	Description
INSERVICE	Place a connection in service.
PURGE	Purge normally the transactions associated with the IPIC connection. CICS terminates the transactions associated with this connection only if system and data integrity can be maintained. **Note:** A transaction is not purged if its definition specifies SPURGE=NO.
OUTSERVICE	Take a connection out of service.
SET	Display the **Set** view in order to change the attributes of a selected connection.
FORCE	Force all UOWs shunted because of the failure of this IPIC connection to BACKOUT or COMMIT, as specified on the ACTION option of the TRANSACTION definition.
KILL	Terminate the task allocated to the IPCONN session. System and data integrity is not guaranteed. The KILL option extends the PURGE and FORCEPURGE options. It should be used only after an attempt has been made to PURGE or FORCEPURGE a task. The KILL option does not guarantee integrity of any kind but in some situations it allows you to free up a stalled region, enabling the region to continue processing. In some cases, for example, if a task is killed during backout processing, CICS terminates abnormally.
COMMIT	Commit all units of work that have been shunted because of the failure of this IP connection.
ACQUIRE	Acquire a connection

Fields

Table 198. Fields in IPCONN views

Field	Attribute name	Input values
Number of XISQUE allocates purged	EXITALLCPUR	The number of sessions on this connection that have been purged by the XISQUE exit module.
Number of peak send sessions used	PSENDSESS	The maximum number of send sessions in use on this connection at any one time.
Number of XISQUE allocation queue purges	EXITALLCQPUR	The number of session allocations on this connection that have been purged by the XISQUE exit module.
SSL cipher suite codes	CIPHERS	A value specifying up to 28 cipher suites, in the form of hexadecimal pairs.
Number of transactions attached	TRANSATTCH	The number of transactions that have been attached on this connection.

Table 198. Fields in IPCONN views (continued)

Field	Attribute name	Input values
Port number	PORT	The port number used for outbound requests on this IPIC connection; that is, the number of the port on which the remote system is listening.
Number of send sessions in use	CSENDSESS	The number of send sessions in use on this connection.
Number of queue time allocates purged	MQTALLPURG	The number of session allocations that have been purged on this connection because the queue time value has been exceeded.
Autoconnect option	AUTOCONNECT	Identifies which AUTOCONNECT option has been specified in the IPCONN definition: • NOAUTOCONN – CICS does not try to establish sessions when the IPIC connection is installed. • AUTOCONN – CICS tries to establish sessions when the IPIC connection is installed.
Remote network ID	NETWORKID	The network ID of the remote system. This is the value of the NETWORKID option of the IPCONN definition. If NETWORKID is not specified on the IPCONN definition, the value returned is the VTAM NETID or, for VTAM=NO systems, the value of the UOWNETQL system initialization parameter, of this CICS (that is, the CICS on which the IPCONN definition is installed). NETWORKID is used in combination with the APPLID option to ensure unique naming for connecting systems.

Table 198. Fields in IPCONN views (continued)

Field	Attribute name	Input values
Pending status	PENDSTATUS	Identifies whether there are any pending units of work for this IPIC connection: • NOTPENDING – There has been no mismatch of lognames with the partner. • PENDING – There is resynchronization work outstanding for the IPIC connection but the partner system has performed an initial start, preventing completion of the resynchronization process. You can use the SET IPCONN NOTPENDING command to unilaterally commit or back out the units of work associated with the connection, according to their associated transaction definitions. You can also investigate the units of work individually and force them to commit or back out, in which case you must also complete the recovery activity by using a SET IPCONN NOTPENDING command to clear the PENDING condition. No new syncpoint work (that is, work involving sync level 2 protocols) can be transmitted across the connection until a SET IPCONN NOTPENDING command has been issued. If you are not concerned by the loss of synchronization caused by the initial (or cold) start of the partner, you can cause the SET IPCONN NOTPENDING command to be issued automatically by specifying XLNACTION(FORCE) on the IPCONN definition.

Table 198. Fields in IPCONN views (continued)

Field	Attribute name	Input values
Remote application ID	APPLID	The name by which the remote system is known to the network (taken from the APPLID option of the IPCONN definition). This is the application identifier (*applid*) of the remote system, as specified on the APPLID option of its system initialization table. For XRF systems it is the generic applid.
Number of peak queued session allocations	PEAKQUEUED	The maximum number of session allocations queued on this connection at any one time.

Table 198. Fields in IPCONN views (continued)

Field	Attribute name	Input values
Purge type	PURGETYPE	How associated transactions are purged: • CANCEL – AIDs queuing for the specified IPCONN are canceled. • FORCECANCEL – All AIDs, including system AIDs, queuing for the IPCONN are canceled. **Note:** FORCECANCEL does not remove transient data AIDs with an associated triggered task. You can remove these AIDs by purging the associated task. • FORCEPURGE – All transactions running on sessions on the connected system are immediately terminated abnormally. This can lead to unpredictable results and should be used only in exceptional circumstances. In some extreme cases (for example, if an error occurs during backout processing), CICS might terminate abnormally. For in-doubt and shunted UOWs, FORCEPURGE has no effect. **Note:** To force shunted UOWs, the operator must issue SET IPCONN COMMIT, BACKOUT, or FORCE following a FORCEPURGE. This can lead to unpredictable results and should be used only in exceptional circumstances. • KILL – The task allocated to the IPCONN session is terminated. System and data integrity is not guaranteed. The KILL option extends the PURGE and FORCEPURGE options. It should be used only after an attempt has been made to PURGE or FORCEPURGE a task. The KILL option does not guarantee integrity of any kind but in some situations it allows you to free up a stalled region, enabling the region to continue processing. In some cases, for example, if a task is

Table 198. Fields in IPCONN views (continued)

Field	Attribute name	Input values
Number of allocations failed on link	ALLCFAILLINK	The number of session allocations that have failed on the link for this connection.
Queue limit	QUEUELIMIT	The maximum number of allocate requests that can be queued for this IPIC connection. The value is in the range 0-9999, or will have the standard null value of -1 if QUEUELIMIT(NO) is specified on the IPCONN definition.
GMT connection delete time	GMTDTIME	The time when the connection was deleted in Greenwich Mean Time (GMT) format
Number of allocations failed for other reasons	ALLCFAILOTH	The number of session allocations that have failed on this connection for non-link related reasons.
Link security	LINKAUTH	Specifies how the userid for link security is established in a CICS system with security initialized (SEC=YES). • CERTUSER - TCP/IP communication with the partner system must be configured for SSL and a certificate must be received from the partner system during SSL handshake. For example, the TCPIPSERVICE in the partner CICS system should be defined with SSL(YES) or SSL(CLIENTAUTH) In addition, this received certificate must be defined to the external security manager so that it is associated with a userid. This userid is used to establish link security. • SECUSER - The userid specified in SECURITYNAME is used to establish link security. This is the default value.
Maximum queue time	MAXQTIME	The maximum time, in seconds, for which allocate requests may be queued. The value is in the range 0-9999, or will have the standard null value of -1 if MAXQTIME(NO) is specified on the IPCONN definition.
Number of PC function shipped bytes received	FSPCBYTERECD	The number of Distributed Program Link (DPL) requests that have been received across this connection.

Table 198. Fields in IPCONN views (continued)

Field	Attribute name	Input values
Connection status	CONNSTATUS	The state of the IPIC connection between CICS and the remote system: • ACQUIRED – The IPIC connection is acquired. The criterion for ACQUIRED is that the capabilities exchange is complete. (The capabilities exchange is how two connected CICS regions discover the levels of service that they can collectively support; for example, the syncpoint level, and security protocols such as SSL.) • FREEING – The IPIC connection is being released. • OBTAINING – The IPIC connection is being acquired. The connection remains in the OBTAINING state until all the criteria for ACQUIRED have been met. • RELEASED – The IPIC connection is RELEASED. Although it may also be in INSERVICE status, it is not usable.
Certificate	CERTIFICATE	The name of a certificate within the key ring file that is to be used as a client certificate in the SSL handshake for outbound IPCONN connections.
Number of PC function shipped bytes sent	FSPCBYTESENT	The number of Distributed Program Link (DPL) requests that have been function shipped across this connection.
Number of peak send sessions used	PRECVSESS	The maximum number of receive sessions in use on this connection at any one time.

Table 198. Fields in IPCONN views (continued)

Field	Attribute name	Input values
Attach-time user security level	USERAUTH	The level of attach-time user security required for the connection: • DEFAULTUSER - CICS will not accept a user ID and password from the partner system. All requests run under the default userid. • LOCAL - CICS will not accept a user ID and password from the partner system. All requests will run under the user ID determined for link security. • VERIFY - Incoming attach requests must specify a user identifier and a user password. • IDENTIFY - Incoming attach requests must specify a user identifier.
Number of queue limit allocate rejections	QLIMALLOCREJ	The number of session allocations that have failed on this connection because the queue limit value has been reached.
Number of receive sessions in use	CRECVSESS	The number of receive sessions in use on this connection.
Send count	SENDCOUNT	The number of SEND sessions defined for this IPIC connection. If a value of 0 is shown, then this IPIC connection may only receive data.

Table 198. Fields in IPCONN views (continued)

Field	Attribute name	Input values
Recovery status	RECOVSTATUS	Identifies whether there is resynchronization work outstanding for the IPIC connection. The connection may never have been connected, have been quiesced and all resynchronization work completed, or disrupted without quiescence, in which case resynchronization may be necessary. • NORECOVDATA – Neither side has recovery information outstanding. • NRS – CICS does not have recovery outstanding for the connection, but the partner may have. • RECOVDATA – There are in-doubt units of work associated with the IPIC connection, or there are outstanding resynchronization tasks awaiting FORGET on the connection. Resynchronization takes place when the connection next becomes active, or when the UOW is unshunted.
Security name of the remote system	SECURITYNAME	This is the security name of the remote system, and is applicable to PROTOCOL(IPIC) only. In a CICS system with security initialized (SEC=YES), the security name is used to establish the authority of the remote system. The security name must be a valid RACF userid on your system. The default value for the security name is the default userid.
Number of SSL cipher suite codes	NUMCIPHERS	The count of cipher suite codes, which are specified as hexadecimal pairs.
Number of PC function shipped requests	FSPGREQS	The number of PC function shipped requests on this connection.
Local connection delete time	LOCDTIME	The local time when the connection was deleted.
Current number of allocates queued	CURRQUEUED	The number of session allocations currently queued on this connection.

Table 198. Fields in IPCONN views (continued)

Field	Attribute name	Input values
TCP/IP service	TCPIPSERVICE	The 8-character name of a PROTOCOL(IPIC) TCPIPSERVICE definition that defines the attributes of the inbound processing for this IPCONN.
Receive count	RECEIVECOUNT	The number of RECEIVE sessions defined for this IPIC connection.
Local connection create time	LOCCTIME	The local time when the connection was created.
Secure sockets layer (SSL) type	SSLTYPE	Whether the service uses secure sockets layer. • NOSSL - The service does not use secure sockets layer. • SSL - Secure sockets layer is used by this service except for client authentication.
IPIC connection ID	NAME	The 8-character identifier of the remote system or region (that is, the name assigned to its IPCONN definition).

Table 198. Fields in IPCONN views (continued)

Field	Attribute name	Input values
UOW Action	UOWACTION	The action taken for units of work (UOWs) that are shunted because of the failure of this IPIC connection: • BACKOUT – All UOWs shunted because of the failure of this IPIC connection are backed out. • COMMIT – All UOWs shunted because of the failure of this IPIC connection are committed. • FORCEUOW – All UOWs shunted because of the failure of this IPIC connection are forced to BACKOUT or COMMIT, as specified on the ACTION option of the TRANSACTION definition. • RESYNC – Any UOWs shunted because of the failure of this IPIC connection are retried (that is, exchange lognames resynchronization for this connection is attempted). This process should normally be started automatically when a connection is acquired or when a UOW is unshunted.
Number of queue time allocation queue purges	MQTALLQPURG	The number of session allocations that have failed on this connection because the queue time value has been exceeded.
Total number of session allocations	TOTALLOC	The total number of sessions that have been used on this connection.
Remote host name	HOST	The host name of the remote system (for example, abc.example.com), or its dotted decimal IP address (for example, 9.20.181.3).
GMT connection create time	GMTCTIME	The time when the connection was created in Greenwich Mean Time (GMT) format.
Number of XISQUE allocate rejections	EXITALLCREJ	The number of session allocations on this connection that have been rejected by the XISQUE exit module.

Table 198. Fields in IPCONN views (continued)

Field	Attribute name	Input values
Service status	SERVSTATUS	Identifies whether data can be sent and received on the IPIC connection: • INSERVICE – Data can be sent and received. • OUTSERVICE – Data cannot be sent or received.

IP facilities - IPFACIL

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

Supplied views

To access from the main menu, click:

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

Table 199. Views in the supplied **IP facilities** *(IPFACIL) view set*

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

Actions

None.

Fields

Table 200. Fields in IPFACIL views

Field	Attribute name	Input values
IP facility type	IPFACILTYPE	The indicator of the type of IP facility in relation to its task. Values are: • PRINCIPAL This IP facility associates the main IP connection name to the owning task. • ALTERNATE This IP facility associates a secondary IP connection name to the owning task.
IP facility token	TOKEN	The identifier token of the IP facility

Table 200. Fields in IPFACIL views (continued)

Field	Attribute name	Input values
Associated task id	TASKID	The ID of the task associated with the IP facility.
IP connection id	IPCONN	The IP connection name associated with the task.

URI map - URIMAP

The **URI map** (URIMAP) views display information about the universal resource identifier (URI) of requests from web clients or requests to a remote server.

Supplied views

To access from the main menu, click:

CICS operations views > TCP/IP service operations views > URI map

Table 201. Views in the supplied **URI map** *(URIMAP) view set*

View	Notes
URI map EYUSTARTURIMAP.DISABLE	Disable program access to the URIMAP definition. A URIMAP definition has to be disabled before it can be reinstalled or discarded.
URI map EYUSTARTURIMAP.DISCARD	Remove a URIMAP definition from the system.
URI map EYUSTARTURIMAP.TABULAR	Tabular information about currently installed URI map definitions.
URI map EYUSTARTURIMAP.DETAIL2	Detailed information about a selected URI map.
URI map EYUSTARTURIMAP.DETAILED	Detailed information about a selected URI map.
URI map EYUSTARTURIMAP.ENABLE	Enable access to the URIMAP definition by programs.
URI map EYUSTARTURIMAP.SET	Set attributes according new values specified in input fields
URI map EYUSTARTURIMAP.DETAIL1	Detailed information about a selected URI map.

Actions

Table 202. Actions available for URIMAP views

Action	Description
DISABLE	Disable program access to the URIMAP definition. A URIMAP definition has to be disabled before it can be reinstalled or discarded.

Table 202. Actions available for URIMAP views (continued)

Action	Description
DISCARD	Remove a URIMAP definition from the system.
ENABLE	Enable access to the URIMAP definition by programs.
SET	Set attributes according new values specified in input fields

Fields

Table 203. Fields in URIMAP views

Field	Attribute name	Input values
SSL cipher suite codes	CIPHERS	A value specifying up to 28 cipher suites, in the form of hexadecimal pairs
URI to which to redirect the inbound HTTP request	LOCATION	An alternate URL to which the Web client will be redirected, if redirection is specified.
URI map reference count	MAPREFCOUNT	Number of times this URIMAP definition was referenced.
Qualified HFS file to form the static response	HFSFILE	The name of a file in the z/OS UNIX System Services Hierarchical File System (HFS), whose contents are returned as the HTTP response.
Code page in which the static response is encoded	HOSTCODEPAGE	For USAGE(SERVER), the IBM code page (EBCDIC) in which the text document that will form the static response is encoded. This can be up to 10 characters.
Character set of CICS response to the HTTP request	CHARACTERSET	For USAGE(SERVER), the name of the character set for the static response, which can be up to 40 characters.
User ID to attach the alias transaction	USERID	The 8 character user ID under which the alias transaction will be attached.

Table 203. Fields in URIMAP views (continued)

Field	Attribute name	Input values
URI map usage	USAGE	The intended use of this URIMAP: • SERVER - The URIMAP definition is used to locate the resources for CICS to produce an HTTP response to the request identified by HOST and PATH. • CLIENT - The URIMAP definition is used to specify information for making an HTTP request from CICS as an HTTP client. • PIPELINE - The URIMAP definition is used to locate the resources for CICS to produce an XML response to the request identified by HOST and PATH.
Document template to form the static response	TEMPLATENAME	For USAGE(SERVER), the name of a CICS document template whose contents are returned as the HTTP response.
Converter program to process request content	CONVERTER	The name of a converter program that is used to transform the HTTP request into a form suitable for the application program specified in PROGRAM.
URI map host or path disabled	MATCHDISABLD	Number of times this host and path were matched, but the URIMAP definition was disabled.
URI map host or path redirect	MATCHREDIREC	Number of times this host and path were matched, and the request was redirected.
Application program that will process the request	PROGRAM	The name of the application program that processes the incoming HTTP request
SSL client certificate for outbound HTTPS request	CERTIFICATE	The label of a certificate within the key ring that is to be used as a client certificate in the SSL handshake for outbound IIOP connections.
Scheme component of URI to which the map applies	SCHEME	The scheme for the HTTP request, HTTP with SSL (HTTPS) or without (HTTP).
Type of redirection	REDIRECTTYPE	Whether or not matching requests should be redirected, on a temporary or permanent basis.

Table 203. Fields in URIMAP views (continued)

Field	Attribute name	Input values
Media type of CICS response to the HTTP request	MEDIATYPE	Specifies the media type (data content) of the static response that CICS provides to the HTTP request. This is for USAGE(SERVER), where a static response is to be provided and up to 56 characters can be used. The name for each formally recognized type of data content is defined by IANA.
Use an analyzer program to process HTTP request	ANALYZERSTAT	Whether or not the analyzer associated with the TCPIPSERVICE definition is called to process the request.
Status	ENABLESTATUS	The status of the URIMAP definition. The possible values are: • Enabled - The URIMAP definition can be accessed. • Disabled - The URIMAP definition cannot be accessed. A URIMAP definition with this status can be deleted. • Disabledhost - The URIMAP definition cannot be accessed because the virtual host of which it forms a part has been disabled. Use CEMT SET HOST to re-enable all the URIMAP definitions in the virtual host. A URIMAP definition with this status cannot be deleted.
Number of SSL cipher suite codes	NUMCIPHERS	The count of cipher suite codes, which are specified as hexadecimal pairs
Pipeline that will process the request	PIPELINE	The name of the PIPELINE resource definition for the Web service that handles the incoming HTTP request.
Inbound TCP/IP service relating to this URI map	TCPIPSERVICE	The TCPIPSERVICE to which this URIMAP definition applies. Only requests received on this TCPIPSERVICE are matched to this URIMAP definition. If no TCPIPSERVICE is specified, the URIMAP definition applies to all incoming HTTP requests.
Name	NAME	The name of the URIMAP definition.
Web service that will process the request	WEBSERVICE	The name of the WEBSERVICE resource definition for the Web service that handles the incoming HTTP request.

Table 203. Fields in URIMAP views (continued)

Field	Attribute name	Input values
Host component of URI to which the map applies	HOST	For USAGE(CLIENT), the host name of the target URI to which the HTTP request is to be sent. For any other USAGE, the host name on the incoming HTTP request that is used to select this URIMAP definition.
Path component of URI to which the map applies	PATH	For USAGE(CLIENT), the path of the target URL to which the HTTP request is to be sent. For any other USAGE, the path on the incoming HTTP request that is used to select this URIMAP definition. The PATH may terminate in an asterisk, meaning that it is generic, and matches any path whose characters are the same up to but excluding the asterisk.
Alias transaction to run application for response	TRANSACTION	The name of the alias transaction that processes the incoming HTTP request

Global URI map statistics - URIMPGBL

The **Global URI map statistics** (URIMPGBL) views display the global statistics returned by CICS extract statistics for URIMAP resources.

Supplied views

To access from the main menu, click:

CICS operations views > TCP/IP service operations views > Global URI map statistics

Table 204. Views in the supplied **Global URI map statistics** *(URIMPGBL) view set*

View	Notes
Global URI map statistics EYUSTARTURIMPGBL.TABULAR	Tabular information about URI map global statistics for all CICS systems
Global URI map statistics EYUSTARTURIMPGBL.DETAILED	Detailed information about URI map global statistics for a selected CICS system

Actions

None.

Fields

Table 205. Fields in URIMPGBL views

Field	Attribute name	Input values
URI map host or path match count	MATCHCOUNT	Number of times a search for a matching URIMAP definition was made, and a URIMAP definition with a matching host and path was found.
URI map host or path match analyzer	MATCHANALYZE	Number of times a URIMAP definition with a matching host and path was found, and the analyzer program associated with the TCPIPSERVICE definition was called. Reset characteristic
URI map dynamic content	DYNAMCONTENT	Number of times a URIMAP definition with a matching host and path was found, and dynamic content (produced by an application program) was delivered as a response.
URI map host or path no match count	NOMATCHCOUNT	Number of times a search for a matching URIMAP definition was made, but no URIMAP definition with a matching host and path was found.
URI map reference count	MAPREFCOUNT	Number of times a search for a matching URIMAP definition was made.
Host disabled count	HOSTDISABLED	Number of times a URIMAP definition with a matching host and path was found, but the virtual host was disabled.
URI map SCHEME(HTTP) requests	SCHEMEHTTP	Number of times a URIMAP definition with a matching host and path was found, and the scheme was HTTP.
DSECT ID mask	DSTDSID	The identifier mask of the DSECT
URI map host or path disabled	MATCHDISABLD	Number of times a URIMAP definition with a matching host and path was found, but the URIMAP definition was disabled.
URI map host or path redirect	MATCHREDIREC	Number of times a URIMAP definition with a matching host and path was found, and the request was redirected.
URI map SCHEME(HTTPS) requests	SCHEMEHTTPS	Number of times a URIMAP definition with a matching host and path was found, and the scheme was HTTPS (HTTP with SSL).

Table 205. Fields in URIMPGBL views (continued)

Field	Attribute name	Input values
URI map static content	STATICONTENT	Number of times a URIMAP definition with a matching host and path was found, and static content (document template or HFS file) was delivered as a response.
URI map pipeline requests	PIPELINEREQS	Number of times a URIMAP definition with a matching host and path was found, and the request was handled by a Web service.

URI host - HOST

The HOST views display information about virtual hosts in the local system.

Supplied views

To access from the main menu, click:

CICS operations views > TCP/IP service operations views > URI host

Table 206. Views in the supplied **URI host** *(HOST) view set*

View	Notes
URI host EYUSTARTHOST.DISABLE	Disable a host
URI host EYUSTARTHOST.TABULAR	Tabular information about virtual hosts in the local system
URI host EYUSTARTHOST.DETAILED	Detailed information about a selected virtual host
URI host EYUSTARTHOST.ENABLE	Enable a host.
URI host EYUSTARTHOST.SET	Set attributes according new values specified in input fields

Actions

Table 207. Actions available for HOST views

Action	Description
DISABLE	Disable a host
ENABLE	Enable a host.
SET	Set attributes according new values specified in input fields

Fields

Table 208. Fields in HOST views

Field	Attribute name	Input values
Inbound port TCP/IP service relating to this host	TCPIPSERVICE	The name of the TCPIPSERVICE definition that specifies the inbound port to which this virtual host relates. If this definition is not given, the virtual host relates to all TCPIPSERVICE definitions.
Name	NAME	The name of a virtual host. The name of each virtual host is taken from the host name specified in the URIMAP definitions that make up the virtual host. For example, if your CICS region contained URIMAP definitions that specified a host name of www.example.com, CICS would create a virtual host with the name www.example.com. A host name in a URIMAP definition can be up to 120 characters.
Status	ENABLESTATUS	The status of this virtual host. The values are: • ENABLED - The virtual host is enabled. • DISABLED - The virtual host is disabled. The URIMAP definitions that make up the virtual host cannot be accessed by applications.

Web service - WEBSERV

The WEBSERV views display information about the runtime environment for a CICS application programs deployed in a Web services setting, where the mapping between application data structure and SOAP messages has been generated using CICS-supplied tools.

Supplied views

To access from the main menu, click:

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

Table 209. Views in the supplied **Web service** *(WEBSERV) view set*

View	Notes
Web service EYUSTARTWEBSERV.DISCARD	Discard a web service
Web service EYUSTARTWEBSERV.TABULAR	Tabular information about web services.

Table 209. Views in the supplied **Web service** *(WEBSERV) view set (continued)*

View	Notes
Web service EYUSTARTWEBSERV.DETAILED	Detailed information about a selected web service.
Web service EYUSTARTWEBSERV.SET	Set attributes according new values specified in input fields

Actions

Table 210. Actions available for WEBSERV views

Action	Description
DISCARD	Discard a web service
SET	Set attributes according new values specified in input fields

Fields

Table 211. Fields in WEBSERV views

Field	Attribute name	Input values
Where the specified program expects input	PGMINTERFACE	For a service provider, indicates whether CICS passes data to the target application program in a COMMAREA or a channel.
Mapping level used in WSBind file	MAPPINGLEVEL	The level of mapping that is used to convert data between language structures and the Web services description (WSDL) document. Values are 1.0, 1.1, 1.2, 2.0, 2.1, and 2.2.

Table 211. Fields in WEBSERV views (continued)

Field	Attribute name	Input values
Web service status	STATE	The state of the Web service. Values are: • Discarding – A Discard command has been issued for the web service. The web service is quiescing before being discarded. It is not accepting new work, but is allowing currently-executing work to complete. • Initing – The Web service binding file, and the WSDL file, are being copied to the shelf. • Inservice – Resolution of the copy of the WSBind file on the shelf has succeeded, and the web service is usable. • Unusable – Copying of the WSBind file on the shelf has failed, and the web service is unusable.
Number of times web service used	WEBUSECOUNT	The number of times this Web service was used to process a Web service request.
Reserved area	POLICYDIR	The policy directory contains the policy files for this Web Service.
Time the WSBind file on HFS was last updated	LASTMODTIME	The time, in milliseconds since 00:00 on January 1st 1900, that the deployed Web service binding file on HFS was last updated.
The WSDL binding that this web service represents	BINDING	The WSDL binding represented by the Web service. This binding is one of (potentially) many that appear in the WSDL file.
Dynamically installed URI map for this web service	URIMAP	The name of a dynamically installed URIMAP resource definition, if there is one that is associated with this Web service.
Perform validation of SOAP messages against WSDL	VALIDATIONST	Indicates whether full validation of SOAP messages against the corresponding schema in the Web service description is specified.
The endpoint URI of a remote web service	ENDPOINT	The URI specifying the location on the network (or endpoint) of the Web service, as defined in the Web service description.

Table 211. Fields in WEBSERV views (continued)

Field	Attribute name	Input values
Current Web service direct mode XOP status	XOPDIRECTST	Indicates whether the web service is currently able to handle XOP documents in direct mode. The values are: • NOXOPDIRECT - The web service cannot currently handle XOP documents and binary attachments directly. This is true when the web service implementation does not support the direct handling of XOP documents and binary attachments, or Web service validation is switched on. • XOPDIRECT - The web service can currently handle XOP documents and binary attachments directly. This is true when the web service implementation supports the direct handling of XOP documents and Web service validation is not switched.
Web service XOP capability	XOPSUPPORTST	Indicates whether the web service implementation is capable of handling XOP documents and binary attachments in direct mode. The values are: • NOXOPSUPPORT - The web service implementation does not support the direct handling of XOP documents and binary attachments. • XOPSUPPORT - The web service implementation supports the direct handling of XOP documents and binary attachments. This is true for any web services that are generated and deployed using the Web services assistant.
Minimum runtime release number part of MINRUNLVL	MINRUNRNUM	Returns a fullword binary value of the release number for the minimum runtime level that is required to run the Web service in CICS. The value of the release number is 0, 1, or 2.
Mapping version number part of MAPLEVEL	MAPPINGVNUM	Returns a fullword binary value of the version number for the mapping level that is used to convert data between language structures and Web service description (WSDL) documents. The value of the version number is 1 or 2.

Table 211. Fields in WEBSERV views (continued)

Field	Attribute name	Input values
Pipeline in which this web service is installed	PIPELINE	The name of the PIPELINE resource that contains this web service resource.
Minimum runtime version number part of MINRUNLVL	MINRUNVNUM	Returns a fullword binary value of the version number for the minimum runtime level that is required to run the Web service in CICS. The value of the version number is 1 or 2.
Minimum runtime level required by WSBind file	MINRUNLEVEL	The minimum runtime level that is required to run the Web service in CICS. Values are: MINIMUM, 1.0, 1.1, 1.2, 2.0, 2.1, 2.2, or CURRENT.
Mapping release number part of MAPLEVEL	MAPPINGRNUM	Returns a fullword binary value of the release number for the mapping level that is used to convert data between language structures and Web service description (WSDL) documents. The value of the release number is 0, 1, or 2.
Fully-qualified WSBind file on HFS	WSBIND	The file name of the Web service binding file associated with the Web service resource.
Name	NAME	The name of the Web service.
Container used if the program input is CHANNEL	CONTAINER	The name of the container that holds the top level data when CICS passes data to the target application program in a channel.
Coded character set ID	CCSID	The name of the CCSID that is used to encode data between the application and the Web service binding file at run time.
Fully-qualified WSDL file on HFS	WSDLFILE	The file name of the Web service description (WSDL) file associated with the Web service resource.
Application program to implement this web service	PROGRAM	The name of the target application program.

Pipeline - PIPELINE

The **Pipeline** (PIPELINE) views display information about the processing nodes that will act on a service request and on the response to it when a CICS application acts in the role of a web service provider or requester.

Supplied views

To access from the main menu, click:

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

Table 212. Views in the supplied **Pipeline** *(PIPELINE) view set*

View	Notes
Pipeline EYUSTARTPIPELINE.DISABLE	Rejects inbound service requests.
Pipeline EYUSTARTPIPELINE.DISCARD	Removes this PIPELINE definition.
Pipeline EYUSTARTPIPELINE.TABULAR	Tabular information about pipeline.
Pipeline EYUSTARTPIPELINE.DETAILED	Detailed information about a selected pipeline.
Pipeline EYUSTARTPIPELINE.ENABLE	Processes inbound service requests normally.
Pipeline EYUSTARTPIPELINE.SET	Set attributes according to values specified in input fields
Pipeline EYUSTARTPIPELINE.SCAN	Scans the PIPELINE's web service binding directory.

Actions

Table 213. Actions available for PIPELINE views

Action	Description
DISABLE	Rejects inbound service requests.
DISCARD	Removes this PIPELINE definition.
ENABLE	Processes inbound service requests normally.
SET	Set attributes according to values specified in input fields
SCAN	Scans the PIPELINE's web service binding directory.

Fields

Table 214. Fields in PIPELINE views

Field	Attribute name	Input values
Response wait time for Requester Pipelines	RESPWAIT	Specifies a time control, in seconds, on the wait time for an application program to wait for an optional reponse message from a remote web service. The value can range from 0 to 9999 seconds, or will have the standard null value of -1 if RESPWAIT(DEFT) is specified on the PIPELINE definition. If RESPWAIT(DEFT) was specified for this attribute, the default timeout value of the transport protocol is used: • The default timeout value for HTTP is 10 seconds. • The default timeout value for MQ is 60 seconds. Note that the value of this attribute **may not** be reset to -1 (DEFT) - only 0 to 9999 may be applied. If you need to reset the RESPWAIT value to -1, you will have to delete the current PIPELINE object, and INSTALL another instance of it, where the RESPWAIT value specifies DEFT.
SOAP version number part of SOAPLEVEL	SOAPVNUM	Returns a fullword binary value of the version number for the SOAP level that is used in the PIPELINE.
SOAP level supported by the pipeline	SOAPLEVEL	Specifies the version of SOAP that is supported in the pipeline. Values can be blank, 1.1 or 1.2.
Reserved area	POLICYDIR	The policy directory contains the policy files for this pipeline.
Configuration file name on HFS for this pipeline	CONFIGFILE	Specifies the name of an HFS file that contains information about the processing nodes that will act on a service request, and on the response.
SOAP MTOM status	MTOMST	Returns a value that indicates whether support for MTOM has been enabled in the pipeline. The values are: SUPPORTED : MTOM support has been enabled in the pipeline. NOTSUPPORT : MTOM support has not been enabled in the pipeline.

Table 214. Fields in PIPELINE views (continued)

Field	Attribute name	Input values
SOAP release number part of SOAPLEVEL	SOAPRNUM	Returns a fullword binary value of the release number for the SOAP level that is used in the PIPELINE.
Use MTOM even when no XOP attachments are present	MTOMNOXOPST	Returns a value that indicates whether MTOM should be used for outbound SOAP messages when there are no binary attachments present. The values are: YES : Use MTOM, even when there are no binary attachments present. NO : Do not use MTOM unless there are binary attachments present.
Status	ENABLESTATUS	Specifies the initial status of the PIPELINE when it is installed: • ENABLED: Web service requests for this PIPELINE are processed normally. • DISABLED: Web service requests for this PIPELINE cannot be processed. • ENABLING - The PIPELINE is being initialized; it is not yet ready to accept work. • DISABLING - The PIPELINE is quiescing before entering DISABLED state. It is not accepting new work, but is allowing currently-executing work to complete. • DISCARDING - A DISCARD command has been issued for the PIPELINE. The PIPELINE is quiescing before being discarded. It is not accepting new work, but is allowing currently-executing work to complete.
Outbound SOAP message MTOM status	SENDMTOMST	Returns a value that indicates when MTOM should be used for outbound SOAP messages. The values are: YES : Always use MTOM for outbound SOAP messages. NO : Do not use MTOM for outbound SOAP messages. SAME : Use MTOM for outbound SOAP message responses when the inbound message is received in MTOM format.
Number of times pipeline has been used	PIPEUSECOUNT	Specifies the number of times pipeline has been used

Table 214. Fields in PIPELINE views (continued)

Field	Attribute name	Input values
Pipeline direct mode XOP status	XOPDIRECTST	Returns a value that indicates whether the pipeline can currently handle XOP documents in direct mode.
Pipeline application handler XOP capability	XOPSUPPORTST	Returns a value that indicates whether the application handler for the pipeline supports the processing of XOP documents and binary attachments.
Name of a directory (shelf) for WSBind files	SHELF	Specifies the 1 to 255 character fully-qualified name of a directory (a shelf, primarily for Web service binding files) on HFS.
Name	NAME	Specifies the name of this PIPELINE. The name can be up to eight characters in length.
Name of the WSBind (pickup) directory on HFS	WSDIR	Specifies the 1 to 255 character fully-qualified name of the Web service binding directory (also known as the pickup directory) on HFS.
MIME content id domain name	CIDDOMAIN	Displays the name of the domain that is used to generate MIME content-ID values that identify binary attachments.
Pipeline operation mode	PIPEMODE	The mode that that pipeline is operating in.

Temporary storage queue (TSQ) operations views

The temporary storage queue (TSQ) operations views show information about temporary storage usage and temporary storage queues within the current context and scope.

Temporary storage queues - TSQUEUE

The **Temporary storage queues** (TSQUEUE) views display information about temporary storage queues with names up to 8 characters in length.

Supplied views

To access from the main menu, click:

CICS operations views > Temporary storage queue (TSQ) operations views > Temporary storage queues

Table 215. Views in the supplied **Temporary storage queues** *(TSQUEUE) view set*

View	Notes
Temporary storage queues EYUSTARTTSQUEUE.DELETE	Deletes the temporary storage queue.

Table 215. Views in the supplied **Temporary storage queues** *(TSQUEUE) view set (continued)*

View	Notes
Temporary storage queues EYUSTARTTSQUEUE.TABULAR	Tabular information about temporary storage queues.
Temporary storage queues EYUSTARTTSQUEUE.DETAILED	Detailed information about a selected temporary storage queue.

Actions

Table 216. Actions available for TSQUEUE views

Action	Description
DELETE	Deletes the temporary storage queue.
SET	Set attributes according new values specified in input fields.

Fields

Table 217. Fields in TSQUEUE views

Field	Attribute name	Input values
Interval since queue last used (seconds)	LASTUSEDINT	The interval, in seconds, since the temporary storage queue was last referenced.
Smallest queue item length (bytes)	MINITEMLEN	The length, in bytes, of the smallest item in the temporary storage queue. If an AUXILIARY TSQ contains an item that is larger than the control interval size of the temporary storage data set, this field will be displayed as N/A.
Transaction that created TS queue	TRANSID	The ID of the transaction that created the temporary storage queue.
Queue name	NAME	The name of the temporary storage queue.
Queue location	LOCATION	Identifies the location of the temporary storage queue as one of the following: • AUXILIARY - The CICS temporary storage VSAM data set, DFHTEMP, or in the coupling facility. • MAIN - Main storage.
Number of items in queue	NUMITEMS	The number of items in the temporary storage queue.

Table 217. Fields in TSQUEUE views (continued)

Field	Attribute name	Input values
Largest queue item length (bytes)	MAXITEMLEN	The length, in bytes, of the largest item in the temporary storage queue. The length of a queue item is the sum of the length of the user data plus 8 bytes for header information, rounded up. For main storage queues, the length is rounded up to the boundary of the MVS storage subpool used to store it. For auxiliary temporary storage, the length is rounded to the next highest multiple of either 64 or 128 (depending on the control interval size of the temporary storage data set). (For background information about CI sizes, see The control interval size.) For shared queues, the lengths returned in MINITEMLEN, MAXITEMLEN, and QUELENGTH, reflect the data length stored in the coupling facility. This includes any item control information, which consists of a 2-byte length prefix for each item. For all types of queue the maximum value returned will be capped at 32767 ('7FFF' in hexadecimal).
Recovery status	RECOVSTATUS	The type of recovery attribute defined for the temporary storage queue.
Queue length (bytes)	QUELENGTH	The total length, in bytes, of all the items in the temporary storage queue. If an AUXILIARY TSQ contains an item that is larger than the control interval size of the temporary storage data set, this field will be displayed as N/A.

Shared queues - TSQSHR

The **Shared temporary storage queues** (TSQSHR) views display information about shared temporary storage queues.

Supplied views

To access from the main menu, click:

CICS operations views > Temporary storage queue (TSQ) operations views > Shared queues

Table 218. Views in the supplied **Shared temporary storage queues** *(TSQSHR) view set*

View	Notes
Shared temporary storage queues EYUSTARTTSQSHR.DELETE	Deletes the shared temporary storage queue.
Shared temporary storage queues EYUSTARTTSQSHR.TABULAR	Tabular information about shared temporary storage queues in CICS systems.
Shared temporary storage queues EYUSTARTTSQSHR.DETAILED	Detailed information about a selected temporary storage queue.

Actions

Table 219. Actions available for TSQSHR views

Action	Description
DELETE	Deletes the shared temporary storage queue.
SET	Set attributes according new values specified in input fields.

Fields

Table 220. Fields in TSQSHR views

Field	Attribute name	Input values
Temporary storage pool name	POOLNAME	The name of a temporary storage pool. CICS ships the command to the temporary storage server that manages the pool.
Interval since queue last used (seconds)	LASTUSEDINT	The interval, in seconds, since the shared temporary storage queue was last referenced.
Smallest item length (bytes)	MINITEMLEN	The length, in bytes, of the smallest item in the shared temporary storage queue. If an AUXILIARY TSQSHR contains an item that is larger than the control interval size of the temporary storage data set, this field will be displayed as N/A.
Transaction that created TS queue	TRANSID	The ID of the transaction that created the shared temporary storage queue.

Table 220. Fields in TSQSHR views (continued)

Field	Attribute name	Input values
Queue name	NAME	The name of the shared temporary storage queue.
Queue location	LOCATION	Indicates where the shared temporary storage queue resides.
Number of items in queue	NUMITEMS	The number of items in the shared temporary storage queue.
Largest item length (bytes)	MAXITEMLEN	The length, in bytes, of the largest item in the shared temporary storage queue. Note: If an AUXILIARY TSQSHR contains an item that is larger than the control interval size of the temporary storage data set, this field will be displayed as N/A.
Recovery status	RECOVSTATUS	Indicates whether or not the shared temporary storage queue is recoverable.
Total queue length (bytes)	QUELENGTH	The total length, in bytes, of all the items in the shared temporary storage queue. If an AUXILIARY TSQSHR contains an item that is larger than the control interval size of the temporary storage data set, this field will be displayed as N/A.

Models - TSMODEL

The **Temporary storage models** (TSMODEL) views display information about installed temporary storage models.

Supplied views

To access from the main menu, click:

CICS operations views > Temporary storage queue (TSQ) operations views > Models

Table 221. Views in the supplied **Temporary storage models** *(TSMODEL) view set*

View	Notes
Temporary storage models EYUSTARTTSMODEL.DISCARD	Take the specified temporary storage model out of use on its resident CICS systems.
Temporary storage models EYUSTARTTSMODEL.TABULAR	Tabular information about temporary storage models.

Table 221. Views in the supplied **Temporary storage models** *(TSMODEL) view set (continued)*

View	Notes
Temporary storage models EYUSTARTTSMODEL.DETAILED	Detailed information about a selected temporary storage model.

Actions

Table 222. Actions available for TSMODEL views

Action	Description
DISCARD	Take the specified temporary storage model out of use on its resident CICS systems.

Fields

Table 223. Fields in TSMODEL views

Field	Attribute name	Input values
TS queue prefix	PREFIX	The prefix used for evaluating the temporary storage queues to which this model is to be applied.
Shared TS pool name	POOLNAME	The name of the shared temporary storage pool to be used by this TS Model.
Security status	SECURITYST	This defines the security characteristics for temporary storage queues matching this model and has a value of EXTSECURITY or NOSECURITY.
Remote TS queue prefix	REMOTEPREFIX	The prefix of the queues on the remote system that this model is applied to.
TS model name	NAME	The name of the temporary storage model.
Queue location	LOCATION	Identifies the location of temporary storage queues matching this model as one of the following: • AUXILIARY - The CICS temporary storage VSAM data set, DFHTEMP. • MAIN - Main storage.
Recovery status	RECOVSTATUS	This defines the recovery characteristics for temporary storage queues matching this model and has a value of RECOVERABLE or NOTRECOVABLE.
Remote system ID	REMOTESYSTEM	The name of the Remote CICS System on which the queues matching this model is defined.

Pools - TSPOOL

The **Temporary storage pools** (TSPOOL) views display information about temporary storage pools.

Supplied views

To access from the main menu, click:

CICS operations views > Temporary storage queue (TSQ) operations views > Pools

Table 224. Views in the supplied **Temporary storage pools** *(TSPOOL) view set*

View	Notes
Temporary storage pools EYUSTARTTSPOOL.TABULAR	Tabular information about temporary storage pools.
Temporary storage pools EYUSTARTTSPOOL.DETAILED	Detailed information about a selected temporary storage pool.

Actions

None.

Fields

Table 225. Fields in TSPOOL views

Field	Attribute name	Input values
Connection status	CONNSTATUS	Identifies the current connection status of the temporary storage pool.
Temporary storage pool name	NAME	The name of the temporary storage pool.

Global temporary storage statistics - TSQGBL

The **Global temporary storage queues** (TSQGBL) views display information about temporary storage queue usage.

Supplied views

To access from the main menu, click:

CICS operations views > Temporary storage queue (TSQ) operations views > Global temporary storage statistics

Table 226. Views in the supplied **Global temporary storage statistics** *(TSQGBL) view set*

View	Notes
Global temporary storage statistics EYUSTARTTSQGBL.TABULAR	Tabular information about temporary storage queue usage in CICS systems.
Global temporary storage statistics EYUSTARTTSQGBL.DETAILED	Detailed information about temporary storage queue usage in a selected CICS system.

Actions

None.

Fields

Table 227. Fields in TSQGBL views

Field	Attribute name	Input values
	EXTTHRESHOLD	The number of records that are held in a single temporary storage group identifier.
	CURRUWBFR	The current number of requests queued because no buffers are available.
	QUECRECNT	The number of times that CICS created individual temporary storage queues.
	BUFFWAITS	The total number of times a request was queued because no buffers were available.
	PEAKUWBUF	The peak number of requests queued at any one time because no buffers were available.
	COMPRESSIONS	The number of times the temporary storage buffers were compressed.
	CURRSTG	The amount, in bytes, of virtual storage currently being used for temporary storage records.
	BYTESPERSEG	The number of bytes per segment of the TS data set.
	WRTFRECVR	The number of WRITE I/O requests caused by recovery being specified for queues.
	NAMESINUSE	The number of temporary storage queue names currently in use.
	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.
	SEGSPERCI	The number of segments available for use in the control interval.
	GETQAUX	The number of records that application programs obtained from auxiliary temporary storage.
	LONGAUXREC	The size, in bytes, of the longest record written to the temporary storage data set.

Table 227. Fields in TSQGBL views (continued)

Field	Attribute name	Input values
	ENTLGQUE	Number of records in the largest queue.
	BYTESPERCI	The number of bytes available for use in the control interval.
	QUEXTENDS	The number of times it was necessary to create a queue extension.
	CISIZE	The size of the control interval, in bytes.
Number of shared pools connected to	SHRDPOOLCONN	The number of the TS pools that are actually connected to by this CICS region.
	PEAKQUES	The peak number of temporary storage queue names in use at any one time.
	BUFWRITES	The number of WRITE I/O requests to the temporary storage data set.
	CURRUWSTR	The current number of I/O requests that are queued because no strings are available.
	PEAKSTG	The peak amount of virtual storage in use for temporary storage records at any one time.
Number of shared pools defined	SHRDPOOLDEF	The number of unique Shared TS Queue Pools defined either in the TST with DFHTST TYPE=SHARED, or by using TSMODEL.
	CISINUSE	The number of control intervals currently containing active data.
	STRINGWAIT	The total number of I/O requests that were queued because no strings were available.
	IOERRS	The number of I/O errors that occurred on the temporary storage data set.
	PUTQMAIN	The number of records that application programs wrote to main temporary storage.
	PEAKCIUSE	The peak number of control intervals containing active data at any one time.
	PUTQAUX	The number of records that application programs wrote to auxiliary temporary storage.
	CINUM	The number of control intervals available to auxiliary storage.

Table 227. Fields in TSQGBL views (continued)

Field	Attribute name	Input values
Number of shared read requests	SHRDREADREQ	The number of TSQ reads that have been issued against shared temporary storage queues.
Number of shared write requests	SHRDWRITEREQ	The number of TSQ writes that have been issued against shared temporary storage queues.
	PEAKUSDSTR	The peak number of concurrent I/O operations.
	WRTGTCISZ	The number of records written with a length greater than the control interval size.
	BUFREADS	The number of times a control interval had to be read from disk.
	BUFFERS	The number of times a control interval had to be read from disk.
	GETQMAIN	The number of records that application programs obtained from main temporary storage.
	STRINGS	The number of temporary storage strings specified in the system initialization table (SIT) or SIT overrides.
	PEAKUWSTR	The peak number of I/O requests that were queued at any one time.
	AUXFULL	The number of times when one or more transactions were suspended because no auxiliary temporary storage was available.

Temporary storage queues - TSQNAME

The temporary storage queues (TSQNAME) views display information about all non-shared temporary storage queues.

Supplied views

To access from the main menu, click:

CICS operations views > Temporary storage queue (TSQ) operations views > Temporary storage queues

Table 228. Views in the supplied **Temporary storage queues** *(TSQNAME) view set*

View	Notes
Temporary storage queues EYUSTARTTSQNAME.DELETE	Delete a temporary storage queue.
Temporary storage queues EYUSTARTTSQNAME.TABULAR	Tabular information about non-shared temporary storage queues in CICS systems.

Table 228. Views in the supplied **Temporary storage queues** *(TSQNAME) view set (continued)*

View	Notes
Temporary storage queues EYUSTARTTSQNAME.DETAILED	Detailed information about a selected non-shared temporary storage queue.

Actions

Table 229. Actions available for TSQNAME views

Action	Description
DELETE	Delete a temporary storage queue.
SET	Set attributes according to new values specified in input fields.

Fields

Table 230. Fields in TSQNAME views

Field	Attribute name	Input values
Interval since queue last used (seconds)	LASTUSEDINT	The interval in seconds since the temporary storage queue was last referenced. The value returned for large shared temporary storage queues is governed by the value of the LASTUSEDINTERVAL parameter specified for the associated TS queue manager.
Smallest item length (bytes)	MINITEMLEN	The length in bytes of the smallest item in the temporary storage queue. For information about how CICS calculates the length of items, and for information about shared TS queues, see the MAXITEMLEN option.
Transaction that created TS queue	TRANSID	The ID of the transaction that created the temporary storage queue.
Queue name	NAME	The name of the temporary storage queue.
Queue location	LOCATION	Indicates where the temporary storage queue resides. Values are: • AUXILIARY The temporary storage queue is held in the CICS temporary storage VSAM data set (or in the coupling facility). • MAIN The temporary storage queue is held in main storage.
Number of items in queue	NUMITEMS	The number of items in the temporary storage queue.

Table 230. Fields in TSQNAME views (continued)

Field	Attribute name	Input values
Largest item length (bytes)	MAXITEMLEN	The length in bytes of the largest item in the temporary storage queue. The length of a queue item is the sum of the length of the user data plus 8 bytes for header information, rounded up. For main storage queues, the length is rounded up to the boundary of the MVS storage subpool used to store it. For auxiliary temporary storage, the length is rounded to the next highest multiple of either 64 or 128 (depending on the control interval size of the temporary storage data set). (For background information about CI sizes, see The control interval size.) For shared queues, the lengths returned in MINITEMLEN, MAXITEMLEN, and FLENGTH, reflect the data length stored in the coupling facility. This includes any item control information, which consists of a 2-byte length prefix for each item. For all types of queue the maximum value returned will be capped at 32767 (Hex '7FFF').
Recovery status	RECOVSTATUS	Indicates whether or not the temporary storage queue is recoverable. Options are RECOVERABLE or NOTRECOVERABLE.
Total queue length (bytes)	QUELENGTH	The total length, in bytes, of all the items in the temporary storage queue. Note: If an AUXILIARY TSQNAME contains an item that is larger than the control interval size of the temporary storage data set, this field will be displayed as N/A.

Terminal operations views

The terminal operations views show information about the terminals within the current context and scope. Note: The terminal views do not show information about, or let you issue commands against, LU 6.2 connections or mode names. For information on LU 6.2 connections or mode names, use the connection views.

3270 bridge facilities - BRFACIL

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

Supplied views

To access from the main menu, click:

CICS operations views > Terminal operations views > 3270 bridge facilities

Table 231. Views in the supplied **3270 bridge facilities** *(BRFACIL) view set*

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

Actions

Table 232. Actions available for BRFACIL views

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

Fields

Table 233. Fields in BRFACIL views

Field	Attribute name	Description
Facility keep time	KEEPTIME	The length of time that a bridge facility is retained whilst inactive. The facility is marked for deletion after this period expires.

Table 233. Fields in BRFACIL views (continued)

Field	Attribute name	Description
Remote bridge target region network name	LINKSYSNET	The applid of the target region if the Link3270 bridge request is routed to another region. If the request is processed in the same region as the Link3270 router, then this field is blank. This field may change if dynamic transaction routing makes more than one attempt at running the first transaction in a Link3270 session. This field is only set in the router region.
Remote bridge target region system ID	LINKSYSTEM	The system ID of the target region if the Link3270 bridge request is routed to another region. If the request is processed in the same region as the Link3270 router, this field is blank. This field may change if dynamic transaction routing makes more than one attempt at running the first transaction in a Link3270 session. This field is only set in the router region.
Bridge facility token	NAME	The 8 byte facility token of the bridge facility.
Namespace type	NAMESPACE	The scope of the namespace used to allocate bridge facility names. Values are: • LOCAL - The bridge facility was allocated by the START BREXIT bridge mechanism, so its name is unique only in the local region where it is created. • SHARED - The bridge facility was allocated by the Link3270 bridge mechanism, so its name is unique across all CICS router regions in the CICSplex who have access to a shared DFHBRNSF namespace file.
Network name	NETNAME	The virtual network name of the 3270 Bridge Facility.
Remote bridge router network name	REMOTESYSNET	The applid of the bridge router region. This field is only set in the target region. It is blank if the request is processed in the router region and not sent to an target region.

Table 233. Fields in BRFACIL views (continued)

Field	Attribute name	Description
Remote bridge router system ID	REMOTESYSTEM	The system ID of the bridge router region. This field is only set in the target region. It is blank if the request is processed in the router region and not sent to a target region.
Task number	TASKID	The number of the active CICS task currently running on the 3270 bridge facility. This field is only displayed in the target region, and is set to zero when the bridge is not in use.
Terminal	TERMID	The virtual terminal ID of the 3270 bridge facility.
Terminal status	TERMSTATUS	The status of the bridge facility. Values are: • ACQUIRED - The bridge facility is currently in use. • AVAILABLE - The bridge facility is not in use. It can be reused by the client. • RELEASED - SET BRFACILITY RELEASED has been issued for the bridge facility. It will be deleted on the next cleanup cycle.
Transaction	TRANSID	The name of the user transaction currently running on the 3270 bridge facility. This field is blank if the bridge is not currently in use.
User ID	USERID	The user identifier associated with the 3270 bridge facility.

Auto install models - AIMODEL

The **Auto install models** (AIMODEL) views display information about the autoinstall terminal models.

Supplied views

To access from the main menu, click:

CICS operations views > Terminal operations views > Auto install models

Table 234. Views in the supplied **Auto install models** *(AIMODEL) view set*

View	Notes
Auto install models EYUSTARTAIMODEL.DISCARD	Discard an autoinstall terminal model from the CICS system where it is installed.
Auto install models EYUSTARTAIMODEL.TABULAR	Tabular information about autoinstall terminal models.

Table 234. Views in the supplied **Auto install models** *(AIMODEL) view set (continued)*

View	Notes
Auto install models EYUSTARTAIMODEL.DETAILED	Detailed information about a selected autoinstall terminal model.

Actions

Table 235. Actions available for AIMODEL views

Action	Description
DISCARD	Discard an autoinstall terminal model from the CICS system where it is installed.

Fields

Table 236. Fields in AIMODEL views

Field	Attribute name	Input values
Model name	MODEL	The name of the model that defines a set of properties that are used for subsequent terminal definitions when the specific model definition is used.

Terminals - TERMNL

The **Terminals** (TERMNL) views display information about currently installed terminals.

Supplied views

To access from the main menu, click:

CICS operations views > Terminal operations views > Terminals

Table 237. Views in the supplied **Terminals** *(TERMNL) view set*

View	Notes
Terminals EYUSTARTTERMNL.ACQUIRE	Acquires a terminal (VTAM only).
Terminals EYUSTARTTERMNL.CANCEL	Cancels automatic initiation descriptor (AID) queuing for a terminal.
Terminals EYUSTARTTERMNL.DETAIL1	Detailed information about a selected terminal.
Terminals EYUSTARTTERMNL.DETAILED	Detailed information about a selected terminal.
Terminals EYUSTARTTERMNL.DISCARD	Discard a terminal from the CICS system where it is installed. The terminal must be out of service before it can be discarded.

Table 237. Views in the supplied **Terminals** *(TERMNL) view set (continued)*

View	Notes
Terminals EYUSTARTTERMNL.FORCEPURGE	Any transaction running with this terminal is immediately terminated abnormally. Data integrity is not guaranteed. In some extreme cases (for example, if an error occurs during backout processing), CICS might terminate abnormally.
Terminals EYUSTARTTERMNL.INSERVICE	Set the terminal in-service and available for use. For VTAM, INSERVICE means that the terminal can be ACQUIRED.
Terminals EYUSTARTTERMNL.OUTSERVICE	Set the terminal out-of-service, and not available for transactions. Any current transaction is allowed to complete normally, but no further transactions are allowed to use the terminal. For VTAM, setting a terminal OUTSERVICE also causes it to be released and the operator is signed off, either immediately or when the current transaction has terminated.
Terminals EYUSTARTTERMNL.PURGE	Take a terminal out of service and sets its PURGETYPE value to PURGE, so that transactions associated with the terminal are purged normally.
Terminals EYUSTARTTERMNL.RELEASE	Releases a terminal.
Terminals EYUSTARTTERMNL.SET	Set attributes according to the new values specified in input fields.
Terminals EYUSTARTTERMNL.TABULAR	Tabular information about terminals installed in CICS systems.

Actions

Table 238. Actions available for TERMNL views

Action	Description
ACQUIRE	Acquires a terminal (VTAM only).
CANCEL	Cancels automatic initiation descriptor (AID) queuing for a terminal.
DISCARD	Discard a terminal from the CICS system where it is installed. The terminal must be out of service before it can be discarded.
FORCEPURGE	Any transaction running with this terminal is immediately terminated abnormally. Data integrity is not guaranteed. In some extreme cases (for example, if an error occurs during backout processing), CICS might terminate abnormally.
INSERVICE	Set the terminal in-service and available for use. For VTAM, INSERVICE means that the terminal can be ACQUIRED.

Table 238. Actions available for TERMNL views (continued)

Action	Description
KILL	The task is to be terminated. System and data integrity is not guaranteed. The KILL option extends the PURGE and FORCEPURGE options. It should be used only after an attempt has been made to PURGE or FORCEPURGE a task. The KILL option does not guarantee integrity of any kind but in some situations it allows the user to free up a stalled region enabling the region to continue processing. In some cases, for example, if a task is killed during backout processing, CICS terminates abnormally.
OUTSERVICE	Set the terminal out-of-service, and not available for transactions. Any current transaction is allowed to complete normally, but no further transactions are allowed to use the terminal. For VTAM, setting a terminal OUTSERVICE also causes it to be released and the operator is signed off, either immediately or when the current transaction has terminated.
PURGE	Take a terminal out of service and sets its PURGETYPE value to PURGE, so that transactions associated with the terminal are purged normally.
RELEASE	Releases a terminal.
SET	Set attributes according to the new values specified in input fields.

Fields

Table 239. Fields in TERMNL views

Field	Attribute name	Description
Access method	ACCESSMETHOD	The access method defined for the terminal as one of the following: • VTAM • BSAM • BTAM • BGAM • TCAM • TCAMSNA • CONSOLE
Acquire status	ACQSTATUS	Under VTAM, indicates whether CICS is in session with the logical unit represented by this terminal. If this field is NOTAPPLIC, it means the access method is something other than VTAM. Input Values: • ACQUIRED • RELEASED • NOTAPPLIC • COLDACQ • ACQUIRING • RELEASING

Table 239. Fields in TERMNL views (continued)

Field	Attribute name	Description
Alternate page height	ALTPAGEHT	The alternate page height defined for use by BMS when the alternate page size is selected.
Alternate page width	ALTPAGEWD	The alternate page width defined for use by BMS when the alternate page size is selected.
Alternate printer	ALTPRINTER	The name of a 3270 printer for use as an alternative to the preferred printer.
Hardware COPY feature for alternate printer	ALTPRTCOPYST	Indicates whether CICS is to use the hardware COPY feature to satisfy a print request from the alternate printer. Input Values: ALTPRTCOPY, NOALTPRTCOPY
Alternate screen height	ALTSCRNHT	The alternate screen height defined for use by BMS when the alternate screen size is selected.
Alternate screen width	ALTSCRNWD	The alternate screen width defined for use by BMS when the alternate screen size is selected.
Alternate-map-set suffix	ALTSUFFIX	A 1-character numeric suffix that BMS appends to map set names, as specified on the DFHMSD TYPE macro. If this field is blank, it means that no suffix is added to map set names. This applies only when the screen has the alternate size and suffixing is in use.
APL keyboard feature	APLKYBDST	Indicates whether the 3270 device has the APL keyboard feature. Values are APLKYBDS or NOAPLKYB.
APL text feature	APLTEXTST	Indicates whether the 3270 device has the APL text feature. Values are APLTEXT or NOAPLTEX.
ASCII data stream type	ASCII	Identifies the type of ASCII data stream being used. • ASCII7 - A 7-bit ASCII datastream. • ASCII8 - An 8-bit ASCII datastream. • NOTAPPLIC - Not applicable.
Automatic transaction initiation (ATI) status	ATISTATUS	Indicates whether CICS can initiate a task automatically (ATI) with this terminal as its principle facility. Input Values: ATI, NOATI

Table 239. Fields in TERMNL views (continued)

Field	Attribute name	Description
Audible alarm feature	AUDALARMST	Indicates whether the device has the audible alarm feature for a 3270 display or a 3270 printer attached to a 3651 controller (AUDALARM or NOAUDALARM).
Session binding status	AUTOCONNECT	Identifies whether sessions with this terminal are to be established when CICS is initialized or whenever communication with VTAM is started. • ALLCONN - Same as AUTOCONN • AUTOCONN - CICS binds associated sessions. • NONAUTOCONN - CICS does not bind associated sessions. • NOTAPPLIC - The terminal is not a VTAM terminal, or is a remote terminal, a surrogate, or a model.
Background transparency feature	BACKTRANSST	Indicates whether the device has the background transparency feature (BACKTRANS or NOBACKTRANS).
Extended color feature	COLORST	Indicates whether the device has the extended color feature, which allows colors to be chosen for each field or character (COLOR or NOCOLOR).
Console ID	CONSOLE	Indicates, for an MVS console only, the identifier for the console.
Copy feature in control unit	COPYST	Indicates whether the copy feature for a 3270 display or printer is included in the 3270 control unit (COPY or NOCOPY).
Correlation ID	CORRELID	The 8-character correlation-id, as follows: • For LU6.1 sessions, NETNAMEQ. • .For LU6.2 sessions, a token that is common to the two connected sessions. • .For MRO sessions, the terminal ID of the session at the other end of the MRO link to which this session is connected.

Table 239. Fields in TERMNL views (continued)

Field	Attribute name	Description
Session creation status	CREATESESS	Under VTAM, indicates whether the terminal can be acquired automatically by ATI transactions. If this field is NOTAPPLIC, it means the access method is something other than VTAM. The options are CREATE, NOCREATE, NOTAPPLIC.
Device data stream type	DATASTREAM	Identifies the device data stream type: • DS3270 - 3270 Datastream • NOTAPPLIC - Not applicable • SCS - SNA character strings
Default page height	DEFPAGEHT	The default page height defined for use by BMS when the default page size is selected.
Default page width	DEFPAGEWD	The default page width defined for use by BMS when the default page size is selected.
Default screen height	DEFSCRNHT	The default screen height defined for use by BMS when the default screen size is selected.
Default screen width	DEFSCRNWD	The default screen width defined for use by BMS when the default screen size is selected.
Device type	DEVICE	The terminal or session type as recorded in the TCTTE. Possible values: BATCHLU, BIPROG, BISYNCH, CDRDLPRT, CONTNLU, HARDCOPY, INTACTLU, ISCMMCONV, LUCMODGRP, LUCSESS, LUTYPE4, LUTYPE6, MAGTAPE, RESSYS, SDLC, SEQDISK, SYSTEM3, SYSTEM7, SYS7BSCA, TCONSOLE, TELETYPE, TTCAM, TWX3335, T1050, T1053, T2260L, T2260R, T2265, T2740, T2741BCD, T2741COR, T2770, T2780, T3275R, T3277L, T3277R, T3284L, T3284R, T3286L, T3286R, T3600BI, T3601, T3614, T3650ATT, T3735, T3650PIPE, T3650USER, T3653HOST, T3740, T3780, T3790, T3790SCSP, T3790UP, T7770, VIDEOTERM
Device busy status	DEVICEST	Indicates the status of the device. • BUSY - The device is busy. • NOTBUSY - The device is not busy.

Table 239. Fields in TERMNL views (continued)

Field	Attribute name	Description
Disconnect Requests status	DISCREQST	Indicates whether CICS is to honor disconnect requests from an application. Input Values: DISCREQ, NODISCREQ
Dual-case keyboard status	DUALCASEST	Indicates whether the terminal has a typewriter keyboard or an operator console keyboard. Values are: • DUALCASE - The terminal has a typewriter keyboard. • NODUALCASE - The terminal has an operator console keyboard (this keyboard is not restricted to a single case), or is not a 3270 display.
Exit tracing status	EXITTRACING	Under VTAM, indicates whether exit tracing is active for the terminal. A value of NOTAPPLIC means the access method is something other than VTAM. Input Values: EXITTRACE, NOEXITTRACE
Extended data stream support	EXTENDEDDSST	Indicates whether the 3270 device or SCS printer supports extensions to the 3270 data stream. The options are EXTENDEDDS or NOEXTENDEDDS.
Function management header (FMH) option	FMHPARMST	Indicates whether the device supports function management header (FMH) data built by BMS from user-supplied parameters. The options are FMHPARM or NOFMHPARM.
Forms feed feature	FORMFEEDST	Indicates whether the device has the forms feed feature. The options are FORMFEED and NOFORMFEED.
Graphic character set global ID	GCHARS	The graphic character set global ID (GCSGID). This ID is a registered number in the range 1 - 65534 that identifies the set of graphic characters that can be input or output at this terminal. A value of zero means no GCSGID value was defined.

Table 239. Fields in TERMNL views (continued)

Field	Attribute name	Description
Code page global ID	GCODES	The code page global ID (CPGID). This ID is a registered number in the range 1 - 65534 that identifies the EBCDIC code page that defines the code points for the characters that can be input or output at this terminal. A value of zero means no CPGID value was defined.
Horizontal form feature	HFORMST	Indicates whether the device has the horizontal forms feature, which enables BMS to use horizontal tabbing when formatting documents for output. The options are HFORM or NOHFORM.
Extended highlight feature	HILIGHTST	Indicates whether the 3270 device or SCS printer has the extended highlight facility, which enables fields or characters to be displayed in reverse-video, underline mode, or blinking. The options are HILIGHT or NOHILIGHT.
Number of input messages	INPMSGCNT	The number of operator-initiated inputs to the terminal, including initial transaction input and input as a result of a conversational read to the terminal.
Katakana terminal	KATAKANAST	Indicates whether the device is a Katakana terminal (KATAKANA or NOKATAKANA).
Selector pen feature	LIGHTPENST	Indicates whether a 3270 display has the selector pen feature. The options are LIGHTPEN or NOLIGHTPEN.
Real link connection for remote TOR	LINKSYSTEM	For remote terminals only, the 4-character name of the connection that is the real link towards the TOR.
Last map referenced in SEND MAP command	MAPNAME	The name of the BMS map that was most recently referenced in the MAP option of a SEND MAP command processed for this terminal.
Last map set referenced in SEND MAP command	MAPSETNAME	The name of the BMS map set that was most recently referenced in the MAPSET option of a SEND MAP command processed for this terminal.

Table 239. Fields in TERMNL views (continued)

Field	Attribute name	Description
Mode name	MODENAME	Under APPC, the name of a group of parallel sessions (to which this terminal belongs) that have similar characteristics.
Magnetic slot reader	MSRCONTROLST	Indicates whether the terminal is an 8775 or 3643 device with a magnetic slot reader. The options are MSRCONTR or NOMSRCON.
National language ID	NATLANG	A 1-character alphanumeric value that identifies the national language originally defined for use with this terminal.
Terminal definition type	NATURE	Indicates the nature of the terminal definition as one of the following: • TERMINAL - Physical terminal definition • MODEL - Model terminal definition, specific to a type of terminal • SESSION - Remote (APPC) session • SURROGAT - Surrogate terminal definition
Network name	NETNAME	Under VTAM, the name by which this logical unit (either a terminal or a session) is known. If this field is blank, it means the access method is something other than VTAM.
Next transaction ID	NEXTTRANSID	The name of the next transaction to run after an EXEC CICS RETURN command. Input Values: Any valid transaction ID
Network qualified name	NQNAME	The network qualified name if one was sent by VTAM at logon time.
Outboard formatting support	OBFORMATST	Indicates whether the device supports outboard formatting. Input Values: OBFORMAT, NOOBFORMAT
Outboard operator IDs used	OBOPERIDST	For 3790 and 3770 batch data interchange logical units, indicates whether outboard operator IDs are used by CICS to support the BMS routing facilities required for this terminal (OBOPERID or NOOBOPERID).

Table 239. Fields in TERMNL views (continued)

Field	Attribute name	Description
	OPERID	Returns the 3-character operator identification code of the user signed on at the terminal. Note: If the terminal is a surrogate terminal, this value may not be current; it represents the user signed on at the time the terminal definition was shipped from the owning CICS region to this one, who may since have signed off. The OPERID may also be different from that of the user currently signed on if it has been changed with the SET TERMINAL command.
Field outlining support	OUTLINEST	Indicates whether the device supports field outlining. The options are OUTLINE or NOOUTLINE.
Number of output messages	OUTMSGCNT	The number of output messages written to the terminal by either an application program or CICS.
Current page height	PAGEHT	The page height currently in use for the device.
BMS paging status	PAGESTATUS	Indicates whether pages after the first in a series are written to the terminal automatically or on request from the operator. Input Values: AUTOPAGEABLE, PAGEABLE
Current page width	PAGEWD	The page width currently in use for the device.
Partitions status	PARTITIONSST	Indicates whether the device can use partitions (PARTITIONS or NOPARTITIONS).
Total pipeline-throwaway count	PMSGCNT	The total throwaway count. A throwaway occurs when input is received for a pipeline pool terminal and none are available.
Maximum pipeline-throwaway count	PMSGCONSEC	The maximum number of throwaways. A throwaway occurs when input is received for a pipeline pool terminal and none are available.
Number of consecutive pipeline-throwaways	PMSGGRPCNT	The number of consecutive throwaways. A throwaway occurs when input is received for a pipeline pool terminal and none are available.

Table 239. Fields in TERMNL views (continued)

Field	Attribute name	Description
Number of polls sent to terminal	POLLCNT	Under TCAM or BSAM, the number of polls that have been sent to the terminal. If this field is blank, it means the access method is something other than TCAM or BSAM.
Printer adaptor feature	PRINTADAPTST	Indicates whether the device supports a printer adaptor feature (PRINTADAPT or NOPRINTADAPT).
Printer name	PRINTER	The name of the preferred printer CICS is to use in response to a print request from this device. Input Values: Any valid printer ID
Programmed symbol facility support	PROGSYMBOLST	Indicates whether the programmed symbol facility can be used on this 3270 device of SCS printer. The options are PROGSYMBOL or NOPROGSYMBOL .
Hardware COPY feature for preferred printer	PRTCOPYST	Indicates whether CICS is to use the hardware COPY feature to satisfy a print request from the preferred printer. Input Values: PRTCOPY, NOPRTCOPY
Query option	QUERYST	Indicates whether the device supports the use of the QUERY structured field to determine its characteristics: • ALLQUERY - The QUERY function is supported each time the device is connected. • COLDQUERY - The QUERY function is supported only when the device is first connected after a cold start of CICS. • NOQUERY - The QUERY function is not supported.
Release Request status	RELREQST	Indicates whether CICS is to honor release requests from VTAM for the logical unit. Input Values: RELREQ, NORELREQ
Name of terminal in remote CICS	REMOTENAME	The 4-character name of this terminal in the remote CICS region in which it is defined. REMOTENAME applies only to terminals defined as remote; for others the value returned is blanks

Table 239. Fields in TERMNL views (continued)

Field	Attribute name	Description
Remote TOR net name	REMOTESYSNET	For remote terminals only, the 8-character netname of the owning TOR.
	REMOTESYSTEM	returns the 4-character name of a connection, if the subject of the inquiry is a remote terminal. The named connection can be either a connection entry that links towards the TOR, or an indirect connection that provides the netname of the TOR.
Screen height	SCREENHEIGHT	The height of the current 3270 screen, which is either the ALTSCRNHT or DEFSCRNHT value.
Screen width	SCREENWIDTH	The width of the current 3270 screen, which is either the ALTSCRNWD or DEFSCRNWD value.
Preset security status	SECURITY	Indicates whether the terminal has preset security (PRESET or NOPRESET).
Service status	SERVSTATUS	Indicates whether the terminal is currently in service, out of service, or in the process of going out of service. The options are GOINGOUT, INSERVICE, OUTSERVICE
Session type	SESSIONTYPE	For terminals that are acting as sessions with another CICS system, the type of session as one of the following: • LU61 - An LUTYPE6.1 session. • APPCSINGLE - A single APPC session. • APPCPARALLEL - A parallel APPC session group. • NOTAPPLIC - The terminal is not one of the above.
Sign-on status	SIGNONSTATUS	Indicates whether the terminal currently has a signed on user (SIGNEDON or SIGNEDOFF).
Mixed EBCDIC/DBCS support	SOSIST	Indicates whether the device supports mixed EBCDIC and double-byte character set (DBCS) fields. The options are SOSI or NOSOSI.
Number of storage violations	STGVCNT	The number of storage violations that have occurred on the terminal.
Terminal input-output area (TIOA) storage	STORAGE	The average TIOA storage allowed at this terminal.

Table 239. Fields in TERMNL views (continued)

Field	Attribute name	Description
Id of task currently executing at terminal	TASKID	The ID of the user task currently executing at this terminal.
	TCAMCONTROL	Returns a 1-character TCAM control byte giving one of the following codes to identify which segment of a message has passed between CICS and TCAM. The meanings are: • 00 Null • 40 Intermediate part of message • F1 First part of message • F2 Last part of message • F3 Whole message • F4 Intermediate part of message, end of record • F5 First part of message, end of record • F6 Last part of message, end of record • F7 Whole message, end of record • FE TCAM is not active • FF Not applicable (non-TCAM terminal)
Terminal ID	TERMID	The terminal name as specified in the installed terminal definition.
Terminal model number	TERMMODEL	The terminal model number, as specified in the TYPETERM definition. A value of N/A means this terminal is an LU6.2 or MRO session.
Terminal priority	TERMPRIORITY	The priority of the terminal relative to other terminals. Input Values: 0 - 255.
	TERMTYPE	The type of terminal.
Number of transaction errors	TERRCNT	The number of transactions associated with the terminal that could not be started.
Text-keyboard feature	TEXTKYBDST	Indicates whether the 3270 device has the text keyboard feature. The options are TEXTKYBD or NOTEXTKYBD.
Text-print feature	TEXTPRINTST	Indicates whether a 3288 printer has the text-print feature. The options are TEXTPRINT or NOTEXTPRINT.
Terminal tracing type	TRACING	Describes the tracing activity associated with the terminal as either standard or special. The options are STANTRACE or SPECTRACE.

Table 239. Fields in TERMNL views (continued)

Field	Attribute name	Description
Number of transactions	TRANCNT	The number of transactions, both nonconversational and pseudoconversational, that were started at the terminal.
Current transaction name	TRANSACTION	The name of the transaction currently executing with this terminal as its principal facility.
Terminal transaction initiation (TTI) status	TTISTATUS	Indicates whether this terminal can be used by transactions initiated from this terminal. The options are TTI or NOTTI
Uppercase translate option support	UCTRANST	Indicates whether the upper case translate option is supported for transactions associated with this terminal. The options are UCTRAN, NOUCTRAN, TRANIDONLY.
Terminal user area (TCTUA) address	USERAREA	The address of the user area.
Terminal user area (TCTUA) length	USERAREALEN	The length of the user area.
User ID	USERID	The 8-character identifier of the user signed on at this terminal or session. If there is no signed-on user, the value will be the default user ID, as specified in the DFLTUSER system initialization parameter.
	USERNAME	returns the 20-character name of the user signed on at this terminal or session (that is, the name corresponding to the USERID option value). If the information, which is provided by the external security manager, is shorter than 20 bytes, CICS pads it to 20 with trailing blanks. Blanks are returned if there is no signed on user.
Extended validation feature	VALIDATIONST	Indicates whether the device has the extended validation feature. The options are VALIDATION or NOVALIDATION.
Vertical form feature	VFORMST	Indicates whether the device has the vertical form feature, which enables BMS to use vertical tabbing when formatting documents for output (VFORM or NOVFORM).
Number of transmission errors	XERRCNT	The number of errors recorded for the terminal.

Table 239. Fields in TERMNL views (continued)

Field	Attribute name	Description
ZCP tracing status	ZCPTRACING	Under VTAM, controls the tracing activity associated with the VTAM control component of CICS. A value of NOTAPPLIC means the access method is something other than VTAM. The options are ZCPTRACE or NOZCPTRACE.

Transient data queue (TDQ) operations views

The transient data queue (TDQ) operations views show information about extrapartition, intrapartition, indirect, and remote transient data queues within the current context and scope.

Extrapartition - EXTRATDQ

The **Extrapartition transient data queues** (EXTRATDQ) views display information about currently installed extrapartition transient data queues.

Supplied views

To access from the main menu, click:

CICS operations views > Transient data queue (TDQ) operations views > Extrapartition

Table 240. Views in the supplied **Extrapartition transient data queues** *(EXTRATDQ) view set*

View	Notes
Extrapartition transient data queues EYUSTARTEXTRATDQ.DISABLE	Disable a queue. **Note:** 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be disabled. 2. A disabled queue cannot be accessed by applications, though it can still be open.
Extrapartition transient data queues EYUSTARTEXTRATDQ.DISCARD	Discard a queue. **Note:** 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be discarded. 2. The transient data queue must be disabled and closed before it can be discarded.
Extrapartition transient data queues EYUSTARTEXTRATDQ.CLOSE	Close a queue.
Extrapartition transient data queues EYUSTARTEXTRATDQ.TABULAR	Tabular information about extrapartition transient data queues

Table 240. Views in the supplied **Extrapartition transient data queues** *(EXTRATDQ) view set (continued)*

View	Notes
Extrapartition transient data queues EYUSTARTEXTRATDQ.DETAILED	Detailed information about a selected extrapartition transient data queue
Extrapartition transient data queues EYUSTARTEXTRATDQ.ENABLE	Enable a queue.
Extrapartition transient data queues EYUSTARTEXTRATDQ.SET	Set attributes according to the new values specified in input fields.
Extrapartition transient data queues EYUSTARTEXTRATDQ.OPEN	Open a queue.

Actions

Table 241. Actions available for EXTRATDQ views

Action	Description
DISABLE	Disable a queue. **Note:** 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be disabled. 2. A disabled queue cannot be accessed by applications, though it can still be open.
CLOSE	Close a queue.
DISCARD	Discard a queue. **Note:** 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be discarded. 2. The transient data queue must be disabled and closed before it can be discarded.
ENABLE	Enable a queue.
SET	Set attributes according to the new values specified in input fields.
OPEN	Open a queue.

Fields

Table 242. Fields in EXTRATDQ views

Field	Attribute name	Input values
Record format	RECORDFORMAT	Indicates whether the queue has fixed-length (FIXED) or variable-length (VARIABLE) records. A value of NOTAPPLIC is returned if the queue is not open.
Name of data set	DSNAME	Specifies the name of the associated QSAM data set or DUMMY data set.

Table 242. Fields in EXTRATDQ views (continued)

Field	Attribute name	Input values
Queue ID	TDQUEUE	The name of the transient data queue.
Record length (bytes)	RECORDLENGTH	For queues with variable-length records (VARIABLE), the maximum record length in bytes. For queues with fixed-length records (FIXED), the actual record length in bytes. A value of N/A means the record length could not be determined because the queue is closed.
Block format	BLOCKFORMAT	Indicates whether the queue is blocked or unblocked. A value of NOTAPPLIC is returned if the queue is not open.
Number of READ and WRITE requests	OUTCNT	The number of WRITEs to the output data set or READs from the input data set.
Number of data buffers to be used	DATABUFFERS	Indicates the number of buffers to be used by the transient data queue.
Enabled status	ENABLESTATUS	Indicates whether the queue can be accessed by applications. Input Values: ENABLED, DISABLED
I/O type	IOTYPE	Indicates whether the queue was defined for INPUT, OUTPUT, or RDBACK, which means the queue can be read backwards.
Block length (bytes)	BLOCKSIZE	Indicates the length of the block in bytes.
CICS action for I/O error	ERROROPTION	Indicates the action CICS should take if an I/O error is encountered. Valid values: • IGNORERR - The block that caused the error is accepted. • SKIP - The block that caused the error is skipped.
DD name on JCL statement defining data set	DDNAME	The identifier that may refer to a data set name used in the start up JCL.
Data set disposition	DISPOSITION	Indicates the disposition of the data set as MOD, OLD or SHR.

Table 242. Fields in EXTRATDQ views (continued)

Field	Attribute name	Input values
Print control type	PRINTCONTROL	Indicates what type of print control applies to the records on this queue: • ASACTL or ASA - ASA control character • MCHCTL or MCH - Machine control character • NOCTL or NOC - No print control • NOTAPPLIC or NOT - The queue is not open.
SYSOUT class if spool file	SYSOUTCLASS	Indicates the class attribute of the associated SYSOUT data set.
Member name	MEMBER	This indicates the member name of a partitioned data set. However if the QSAM data set is not a partitioned data set then this field will be blank..
Empty status	EMPTYSTATUS	Indicates the state of the queue (FULL, EMPTY, NOTEMPTY, or NOTAPPLIC). A value of NOTAPPLIC is returned if the queue is not open.
Rewind action when data set on tape closed	REWIND	Indicates that the current tape is positioned to the logical end of the data set (LEAVE) or positioned to reprocess the data set (REREAD).
Open status	OPENSTATUS	Indicates whether the queue is open, closed, or in an intermediate state. Input Values: OPEN, CLOSED

Indirect - INDTDQ

The INDTDQ views display information about currently installed indirect transient data queues. The name and type of the target queue associated with each indirect queue are listed.

Supplied views

To access from the main menu, click:

CICS operations views > Transient data queue (TDQ) operations views > Indirect

Table 243. Views in the supplied **Indirect transient data queues** *(INDTDQ) view set*

View	Notes
Indirect transient data queues EYUSTARTINDTDQ.DISCARD	Discard a queue.

Table 243. Views in the supplied **Indirect transient data queues** *(INDTDQ) view set (continued)*

View	Notes
Indirect transient data queues EYUSTARTINDTDQ.TABULAR	Tabular information about indirect transient data queues
Indirect transient data queues EYUSTARTINDTDQ.DETAILED	Detailed information about a selected indirect transient data queues

Actions

Table 244. Actions available for INDTDQ views

Action	Description
DISCARD	Discard a queue.

Fields

Table 245. Fields in INDTDQ views

Field	Attribute name	Input values
Queue ID	TDQUEUE	The name of the transient data queue.
Number of READ and WRITE requests	OUTCNT	The number of WRITEs to or READs from the indirect transient data queue.
Indirect destination type	INDIRECTTYPE	Indicates whether the queue pointed to by this indirect queue is intrapartition, extrapartition, remote, or indirect.
Indirect name	INDIRECTNAME	The name of the queue that this indirect queue points to.

Intrapartition - INTRATDQ

The **Intrapartition transient data queues** (INTRATDQ) views display information about currently installed intrapartition transient data queues.

Supplied views

To access from the main menu, click:

CICS operations views > Transient data queue (TDQ) operations views > Intrapartition

Table 246. Views in the supplied **Intrapartition transient data queues** *(INTRATDQ) view set*

View	Notes
Intrapartition transient data queues EYUSTARTINTRATDQ.DISABLE	Disable a queue. **Note:** 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be disabled. 2. A disabled queue cannot be accessed by applications, though it can still be open.
Intrapartition transient data queues EYUSTARTINTRATDQ.DISCARD	Discard a queue. **Note:** 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be discarded. 2. The transient data queue must be disabled and closed before it can be discarded.
Intrapartition transient data queues EYUSTARTINTRATDQ.TABULAR	Tabular information about intrapartition transient data queues.
Intrapartition transient data queues EYUSTARTINTRATDQ.DETAILED	Detailed information about a selected intrapartition transient data queue.
Intrapartition transient data queues EYUSTARTINTRATDQ.ENABLE	Enable a queue.
Intrapartition transient data queues EYUSTARTINTRATDQ.SET	Set attributes according to the new values specified in input fields.

Actions

Table 247. Actions available for INTRATDQ views

Action	Description
DISABLE	Disable a queue. **Note:** 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be disabled. 2. A disabled queue cannot be accessed by applications, though it can still be open.
DISCARD	Discard a queue. **Note:** 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be discarded. 2. The transient data queue must be disabled and closed before it can be discarded.
ENABLE	Enable a queue.
SET	Set attributes according to the new values specified in input fields.

Fields

Table 248. Fields in INTRATDQ views

Field	Attribute name	Input values
In-doubt wait option	INDOUBT	Indicates whether an in-doubt UOW that has modified a recoverable queue should wait for resynchronization with its coordinator to determine whether to commit or backout the changes. Valid values are WAIT and NOWAIT.
ATI facility type	ATIFACILITY	For an ATI Queue, indicates whether or not the task that is to be started when the trigger level is reached is associated with a terminal (or session). Valid options are TERMINAL and NOTERMINAL.
Enabled status	STATUS	Indicates whether the queue can be accessed by applications. Input Values: ENABLED, DISABLED
Queue ID	TDQUEUE	The name of the transient data queue.
ATI terminal ID	ATITERMID	The name of the terminal or session to be associated with this queue when automatic transaction initiation (ATI) occurs. This field is blank if the ATI transaction does not need a terminal or session.
Number of WRITEs to transient data queue	OUTCNT	The number of WRITEs to the transient data queue.
In-doubt wait action	INDOUBTWAIT	Indicates the action CICS is to take for an in-doubt UOW if the definition for this queue specifies WAIT(YES). Valid values are: • QUEUE - The UOW is in-doubt and waiting; any locks held by the UOW for this queue remain active until the final state of the UOW is known. • REJECT - The UOW is in-doubt and waiting; any locks held by the UOW for this queue are retained until the final state of the UOW is known.

Table 248. Fields in INTRATDQ views (continued)

Field	Attribute name	Input values
Trigger level	TRIGGERLEVEL	The number of requests for output to a queue that must be made before automatic transaction initiation (ATI) can occur. A value of zero means the queue is not subject to ATI. Input Values: 0 - 32767
Number of items	NUMITEMS	The logical number of records in the queue.
ATI transaction ID	ATITRANID	The name of the transaction to be started when the automatic transaction initiation (ATI) trigger level is reached.
Recovery status	RECOVSTATUS	Indicates whether the queue is physically recoverable (PHYSICAL), logically recoverable (LOGICAL), not recoverable (NOTRECOVABLE). or not intrapartition (NOTAPPLIC).
ATI User ID	ATIUSERID	Specifies the userid for a transient data trigger-level transaction that is not associated with a terminal. Input Values: Any valid ATI user ID

Remote - REMTDQ

The **Remote transient data queues** (REMTDQ) views display information about currently installed remote transient data queues. Remote transient data queues are queues that are defined to the local CICS system, but reside in another CICS system.

Supplied views

To access from the main menu, click:

CICS operations views > Transient data queue (TDQ) operations views > Remote

Table 249. Views in the supplied **Remote transient data queues** *(REMTDQ) view set*

View	Notes
Remote transient data queues EYUSTARTREMTDQ.DISCARD	Discard a queue.
Remote transient data queues EYUSTARTREMTDQ.TABULAR	Tabular information about remote transient data queues

Table 249. Views in the supplied **Remote transient data queues** *(REMTDQ) view set (continued)*

View	Notes
Remote transient data queues EYUSTARTREMTDQ.DETAILED	Detailed information about a selected remote transient data queue

Actions

Table 250. Actions available for REMTDQ views

Action	Description
DISCARD	Discard a queue.

Fields

Table 251. Fields in REMTDQ views

Field	Attribute name	Input values
Queue ID	TDQUEUE	The name of the transient data queue as known to the local CICS system.
Number of READ and WRITE requests	OUTCNT	The number of READs and WRITEs made to the remote transient data queue.
Remote name	REMOTENAME	The name by which this queue is known in the remote system.
Remote system	REMOTESYSTEM	The system ID of the CICS system where the remote queue resides.

Global transient data queue attributes - TDQGBL

The **Global transient data queues** (TDQGBL) views display information about intrapartition transient data queue usage.

Supplied views

To access from the main menu, click:

CICS operations views > Transient data queue (TDQ) operations views > Global transient data queue attributes

Table 252. Views in the supplied **Global transient data queue attributes** *(TDQGBL) view set*

View	Notes
Global transient data queue attributes EYUSTARTTDQGBL.TABULAR	Tabular information about transient data queues in CICS systems
Global transient data queue attributes EYUSTARTTDQGBL.DETAILED	Detailed information about transient data queues in a selected CICS system

Actions

None.

Fields

Table 253. Fields in TDQGBL views

Field	Attribute name	Input values
Peak number of intrapartition buffer waits	PEAKBWAIT	The peak number of requests queued because no buffers were available.
Number of intrapartition buffer waits	BUFFWAITS	The number of times a request was queued because all buffers were allocated to other tasks.
Number of data set reads	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 tasks waiting because no strings are available.
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.
Number of current concurrent buffer accesses	CURCONBUFAC	The number of intrapartition buffers currently being accessed.
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 tasks waiting because no buffers are 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.
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.

Table 253. Fields in TDQGBL views (continued)

Field	Attribute name	Input values
Number of times string accessed	STRACCESS	The number of times a string was accessed.
Number of current concurrent string accesses	CURCONSTRAC	The number of strings currently being 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.
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 buffers that contain valid data.
Number of writes to data set	WRITES	The number of WRITE I/O requests to the transient data set.

Topology data for transient data queue - CRESTDQ

The **Topology data for transient data queues** (CRESTDQ) view displays information about all of the intrapartition, extrapartition, and indirect transient data queues within the current context and scope.

Supplied views

To access from the main menu, click:

CICS operations views > Transient data queue (TDQ) operations views > Topology data for transient data queue

Table 254. Views in the supplied **Topology data for transient data queue** *(CRESTDQ) view set*

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

Actions

None.

Fields

Table 255. Fields in CRESTDQ views

Field	Attribute name	Input values
TD queue	NAME	The CICS 4-character transient data queue name.
TD queue name on remote system	REMOTENAME	The name by which this queue is known in the remote system.
Enabled status	ENABLESTATUS	The enabled status of the transient data queue, which indicates whether it is available for use. Input values: ENABLED | DISABLED
Open status	OPENSTATUS	Indicates whether the TD queue is to be closed or opened in the CICS region.
Monitoring status	MONSTAT	The status of CICS monitoring in the system. This is a BIT field, the value of which is the sum of a combination of the following values: • 01 - Possible data • 02 - Collect data • 04 - User monitor definition • 08 - System monitor definition • 16 - Resource logically deleted • 32 - Resource status facility active A value of '00' indicates that monitoring is inactive in this system.
Remote system ID	REMOTESYSTEM	The system ID of the remote CICS system where the queue resides.
TD queue type	QTYPE	Indicates whether the queue is defined as local or remote.

Transaction operations views

The transaction operations views show information about CICS and user-defined transactions within the current context and scope.

Local or dynamic - LOCTRAN

The LOCTRAN views display information about currently installed local transactions. Information about dynamic transactions that are running locally is also included in the view.

Supplied views

To access from the main menu, click:

CICS operations views > Transaction operations views > Local or dynamic

Table 256. Views in the supplied **Local or dynamic transactions** *(LOCTRAN) view set*

View	Notes
Local or dynamic transactions EYUSTARTLOCTRAN.DISABLE	Disable a transaction.
Local or dynamic transactions EYUSTARTLOCTRAN.DISCARD	Discard a transaction from the CICS system where it is installed. **Note:** Transactions that have names beginning with C are supplied by CICS and cannot be disabled or discarded.
Local or dynamic transactions EYUSTARTLOCTRAN.TABULAR	Tabular information about transactions in CICS systems.
Local or dynamic transactions EYUSTARTLOCTRAN.DETAILED	Detailed information about a selected transaction.
Local or dynamic transactions EYUSTARTLOCTRAN.ENABLE	Enable a transaction.
Local or dynamic transactions EYUSTARTLOCTRAN.SET	Set attributes according the new values specified in input fields

Actions

Table 257. Actions available for LOCTRAN views

Action	Description
DISABLE	Disable a transaction.
DISCARD	Discard a transaction from the CICS system where it is installed. **Note:** Transactions that have names beginning with C are supplied by CICS and cannot be disabled or discarded.
ENABLE	Enable a transaction.
SET	Set attributes according the new values specified in input fields

Fields

Table 258. Fields in LOCTRAN views

Field	Attribute name	Input values
Number of times transaction run locally by DTR	LOCALCNT	The number of times the dynamic transaction routing exit has chosen to run this transaction on the local system. This value is zero if the transaction was not defined as DYNAMIC=YES.
Number of in-doubt waits	NUMINDOUBWT	Specifies the number of times the transaction has waited, due to a failure, during the in-doubt period.

Table 258. Fields in LOCTRAN views (continued)

Field	Attribute name	Input values
Number of attempted starts on remote system	REMSTARTCNT	The number of attempts to start this transaction on a remote system. This may not be the same as the number of successful starts.
Transaction priority	PRIORITY	The priority of this transaction relative to other transactions in the CICS system. Input Values: 1 - 255
Route status	ROUTESTATUS	The Routing status for this transaction for EXEC CICS START. ROUTABLE specifies that this transaction can be dynamically routed by the CICS dynamic routing exit. NOTROUTABLE specifies that it cannot be dynanically routed by the CICS dynamic routing exit.
Storage clearance status	STORAGECLEAR	Indicates whether the storage for a task associated with this transaction is cleared upon release. Options are CLEAR or NOCLEAR.
Forced actions - in-doubt waiting not supported	FORACTTRNDF	The number of forced indoubt action resolutions that have occurred because the transaction definition does not support in-doubt waiting.
Task data location	TASKDATALOC	Indicates whether certain CICS control blocks for a transaction are acquired above or below the 16MB line (BELOW or ANY).
Transaction isolation type	ISOLATEST	Indicates whether the user-key task-lifetime storage is isolated from the user-key programs of other transactions: • ISOLATE - The user-key task-lifetime storage is accessible only by the user-key programs of its own task; it is isolated from the user-key programs of all other tasks. • NOISOLATE - The user-key task-lifetime storage is accessible by its own programs, and also by user-key programs of other transactions defined with the ISOLATE(NO) option.

Table 258. Fields in LOCTRAN views (continued)

Field	Attribute name	Input values
Model for virtual terminal	FACILITYLIKE	The logical terminal that is associated with this transaction will be built to have the same attributes as the terminal named here, when this transaction is started by the 3270 bridge. If this value is blank and the Profile field is blank, the FACILITYLIKE value could not be determined because the transaction profile was not available.
Forced actions - operator cancelled wait	FORACTOPER	The number of forced in-doubt action resolutions that have occurred because the operator cancelled the wait for in-doubt resolution.
Number of times transaction run remotely by DTR	REMOTECNT	The number of times the dynamic transaction routing (DTR) exit has chosen to run this transaction on a remote system.
Forced actions - other reasons	FORACTOTHER	The number of forced in-doubt action resolutions that have occurred for reasons other than those listed in this view
Shutdown run status	SHUTDOWN	Indicates whether this transaction can be executed during CICS shutdown by a task created to process unsolicited input. (The transaction also can be executed in this situation if it appears in the transaction list table (XLT) for shutdown.) Options are: • SHUTDISABLED - Tasks do not continue to run during shutdown. • SHUTENABLED - Tasks continue to run during shutdown.
Object transaction service (OTS) timeout (seconds)	OTSTIMEOUT	The default period in seconds an OTS transaction created in an EJB environment executing under this CICS transaction will be allowed to execute prior to syncpoint.
Enabled status	STATUS	The enabled status of the transaction, which indicates whether it is available for use. Input Values: ENABLED, DISABLED

Table 258. Fields in LOCTRAN views (continued)

Field	Attribute name	Input values
Dynamic transaction backout option	DTB	Indicates how uncommitted changes made to recoverable resources by this transaction are handled if the transaction fails (WAIT, COMMIT, or BACKOUT).
Routing type	ROUTING	Indicates whether dynamic routing is defined for this transaction (STATIC or DYNAMIC).
Runaway time (milliseconds)	RUNAWAY	The amount of time, in milliseconds, that a task is allowed to run using this transaction before it is assumed to be in a runaway condition. When this interval expires the task is abnormally terminated. A value of 0 means that no runaway task detection is required.
Size in bytes of transaction work area (TWA)	TWASIZE	The size of the associated transaction work area (TWA) in bytes.
Tracing type	TRACING	Indicates whether tracing for this transaction is to be special, standard, or suppressed. Input Values: SPECTRACE, STANTRACE, SPRSTRACE
Source of runaway timeout value	RUNAWAYTYPE	Indicates whether the transaction uses the current system runaway limit or one set by the user: • SYSTEM - The current system runaway limit is used. • USER - The limit set by the user is used.
Command level security option	CMDSEC	Indicates whether command security checking is to be applied on system programming commands. Options are CMDSECYES or CMDSECNO.
In-doubt time (minutes)	INDOUBTMINS	The length of time, in minutes, after a failure during the indoubt period, before the task is to take the action indicated in the indoubt Option field (COMMIT or BACKOUT).
First program name	PROGRAM	The name of the first program to be executed when this transaction is started.

Table 258. Fields in LOCTRAN views (continued)

Field	Attribute name	Input values
Task data key	TASKDATAKEY	The storage key in which CICS obtains all storage for use by the transaction. This includes the task lifetime storage (TWA and EIB) and the storage that CICS obtains on behalf of programs that run under the transaction. The options are CICSDATAKEY and USERDATAKEY:
In-doubt wait option	INDOUBT	Indicates the action to be taken when a CICS region fails or loses connectivity with its coordinator during two-phase commit processing, and the UOW has entered an indoubt state. If WAIT is specified in the Wait Option field, this field has no effect until the wait time expires. The valid values are: • BACKOUT - All changes made to recoverable resources are backed out and the resources are returned to the state they were in before the start of the UOW • COMMIT - All changes made to recoverable resources are committed and the in-flight UOW is marked as completed.
Resource level security status	RESSEC	Indicates the resource security checking option that is in effect for this transaction, as one of the following: • RESSECNO - The transaction is not subject to resource security. • RESSECYES - The transaction is subject to resource security.
Read timeout (seconds)	RTIMEOUT	The read time-out value, which is the number of seconds after which a task associated with this transaction is terminated if no input is received. If this value is 0 and the Profile field is blank, then the read time-out value could not be determined because the transaction profile was not available.
Transaction ID	TRANID	The 4-character transaction name.

Table 258. Fields in LOCTRAN views (continued)

Field	Attribute name	Input values
Purgeability option	PURGEABILITY	Indicates whether the transaction is purgeable in system stall conditions. Input Values: PURGEABLE, NOTPURGEABLE
Deadlock timeout (seconds)	DTIMEOUT	The deadlock time-out value, in seconds, for suspended tasks associated with this transaction.
Forced actions - wait not supported for resources	FORACTNOWT	The number of forced in-doubt action resolutions that have occurred because a recoverable Resource or Resource Manager Coordinator (such as LU6.1, MRO, RMI, DB2, or DBCTL) could not support indoubt waiting.
Number of times transaction restarted	RESTARTCNT	The number of times the transaction was restarted after an abend, if the RE CEDA keyword was specified.
Forced actions - in-doubt timeout value exceeded	FORACTINDTO	The number of forced in-doubt action resolutions that have occurred because the transaction definition specifies a timeout value for in-doubt waiting and that value was exceeded.
Remote transaction name	REMOTENAME	The name of the transaction as it is defined to a remote system. If this field is blank, the transaction is not defined on a remote system.
Number of storage violations	STGVCNT	The number of storage violations for this transaction that have been detected by CICS storage management.
Number of indoubt action mismatches detected	ACTMISMATS	The number of forced indoubt action resolutions that a participating Resource Manager Coordinator (such as DB2, DBCTL, MRO, LU6.1, LU6.2, or RMI) resolved in the opposite way to CICS for this transaction.
Bridge exit program name	BREXIT	The bridge exit associated with this program.
Transaction routing profile	TRPROF	The name of the profile for transaction routing.
Remote system name	REMOTESYSTEM	The name of a remote CICS system where the transaction is defined. If this field is blank, the transaction is not defined on a remote system.

Table 258. Fields in LOCTRAN views (continued)

Field	Attribute name	Input values
Transaction dump option	DUMPING	Indicates whether transaction dumps are taken when the transaction terminates abnormally. Input Values: TRANDUMP, NOTRANDUMP
Transaction class name	TRANCLASS	The 8-character name of the transaction class to which this transaction belongs. If the transaction does not belong to any class, the value DFHTCL00 is returned.
Screen size	SCRNSIZE	Indicates whether the default or alternate screen size is to be used when this transaction is run. A value of N/A means the screen size could not be determined because the transaction profile was not available.
In-doubt wait option	INDOUBTWAIT	Indicates whether an indoubt UOW is to wait pending recovery from a failure that occurs after the UOW has entered the indoubt state. The valid values are WAIT and NOWAIT.
Transaction profile	PROFILE	The name of the transaction profile. If the profile is not available, this field will be blank.
Number of times transaction used	USECOUNT	The number of times the transaction has been used.

Remote - REMTRAN

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

Supplied views

To access from the main menu, click:

CICS operations views > Transaction operations views > Remote

Table 259. Views in the supplied **Remote transactions** *(REMTRAN) view set*

View	Notes
Remote transactions EYUSTARTREMTRAN.DISABLE	Disable a remote transaction.

Table 259. Views in the supplied **Remote transactions** *(REMTRAN) view set (continued)*

View	Notes
Remote transactions EYUSTARTREMTRAN.DISCARD	Discard a remote transaction from the local CICS system. **Note:** Transactions that have names beginning with C are supplied by CICS and cannot be disabled or discarded.
Remote transactions EYUSTARTREMTRAN.TABULAR	Tabular information about remote transactions defined to CICS systems.
Remote transactions EYUSTARTREMTRAN.DETAILED	Detailed information about a selected transaction
Remote transactions EYUSTARTREMTRAN.ENABLE	Enable a remote transaction.

Actions

Table 260. Actions available for REMTRAN views

Action	Description
DISABLE	Disable a remote transaction.
DISCARD	Discard a remote transaction from the local CICS system. **Note:** Transactions that have names beginning with C are supplied by CICS and cannot be disabled or discarded.
ENABLE	Enable a remote transaction.
SET	Set attributes according to new values specified in input fields.

Fields

Table 261. Fields in REMTRAN views

Field	Attribute name	Input values
Number of times transaction started	REMSTARTCNT	The number of times this transaction was started.
Read timeout (seconds)	RTIMEOUT	The read time-out value, which is the number of seconds after which a task associated with this transaction is terminated if no input is received. If this value is 0 and the Profile field is blank, then the read time-out value could not be determined because the transaction profile was not available.
Transaction ID	TRANID	The name of the transaction as known to the local CICS system.
Purgeability status	PURGEABILITY	Indicates whether the transaction is purgeable in system stall conditions. Input Values: PURGEABLE, NOTPURGEABLE

Table 261. Fields in REMTRAN views (continued)

Field	Attribute name	Input values
Transaction priority	PRIORITY	The priority of this transaction relative to other transactions in the CICS system. Input Values: 1 - 255
Remote transaction ID	REMOTENAME	The name by which this transaction is known in the remote system.
Remote system name	REMOTESYSTEM	The system ID of the CICS system where the remote transaction resides.
Name of transaction-routing-session profile	TRPROF	The name of the profile for transaction routing. If this field is blank, the profile is not available.
Number of times transaction run remotely	REMOTECNT	The number of times the dynamic transaction routing exit chose to run this transaction on a remote system. A value of 0 means the transaction was not defined as DYNAMIC=YES.
Enabled status	STATUS	The enabled status of the transaction, which indicates whether it is available for use. Input Values: ENABLED, DISABLED
Routing status	ROUTING	Indicates whether dynamic routing is defined for this transaction. Options are STATIC or DYNAMIC.
Transaction class name	TRANCLASS	The 8-character transaction class name.
Screen size	SCRNSIZE	Indicates whether the default or alternate screen size is to be used when this transaction is run. A value of N/A means the screen size could not be determined because the transaction profile was not available.
Profile name	PROFILE	The name of the profile for the transaction.
Number of times transaction has been used	USECOUNT	The number of times the transaction has been used.

Request model - RQMODEL

The **Request models** (RQMODEL) views display information about currently installed request models, which associate inbound IIOP requests with a set of execution characteristics, such as security or priority, and with monitoring and accounting data.

Supplied views

To access from the main menu, click:

CICS operations views > Transaction operations views > Request model

Table 262. Views in the supplied **Request model** *(RQMODEL) view set*

View	Notes
Request model EYUSTARTRQMODEL.DISCARD	Discard the request model from the local CICS system.
Request model EYUSTARTRQMODEL.TABULAR	Tabular information about installed request models.
Request model EYUSTARTRQMODEL.DETAILED	Detailed information about a selected request model.

Actions

Table 263. Actions available for RQMODEL views

Action	Description
DISCARD	Discard the request model from the local CICS system.

Fields

Table 264. Fields in RQMODEL views

Field	Attribute name	Input values
Interface name	INTERFACE	This specifies a name of up to 255 characters matching the IDL interface name. This field is blank if the request model RTYPE attribute is EJB.
Java interface type	INTFACETYPE	Specifies the Java interface type for this Request Model: • HOME - specifies that this is the home interface for the bean • REMOTE - specifies that this is the remote interface for the bean • BOTH - matches both the home and remote interfaces for the bean.
Request model type	RTYPE	• EJB - matches enterprise bean requests as specified by the enterprise bean parameters. • CORBA - matches CORBA requests as specified by the CORBA parameters. • GENERIC - matches both enterprise bean and CORBA requests.

Table 264. Fields in RQMODEL views (continued)

Field	Attribute name	Input values
CICS transaction ID	TRANSID	This defines the CICS transaction ID that is to be executed if this model is selected as the least generic match to the inbound request. There is no guarantee that the transaction ID is that of a valid CICS transaction.
Object management group (OMG) operation name	OMGOPERATION	This defines a pattern which matches the OMG operation name.
Object management group (OMG) interface name	OMGINTERFACE	This defines a pattern which may match the interface name.
Request model name	NAME	The name of the request model.
Operation name	OPERATION	The full IDL Operation or bean method name.
CorbaServer	CORBASERVER	Specifies the name of the destination CorbaServer for this request model.
Object management group (OMG) module name	OMGMODULE	Defines a pattern which is used to match the qualified module name in the inbound IIOP request. The request model that provides the most precise match is the one selected.
Enterprise bean	BEANNAME	The bean name which matches the name of the enterprise bean in the XML deployment descriptor. This field is blank if the request model RTYPE attribute is CORBA.
Module name	MODULE	Specifies a name of up to 255 characters matching the IDL module name (which defines the name scope of the OMG interface and operation). This field is blank if the request model RTYPE attribute is EJB.

Topology data - CRESTRAN

The **Topology data for transactions** (CRESTRAN) views display topology information about currently installed local and remote transactions.

Supplied views

To access from the main menu, click:

CICS operations views > Transaction operations views > Topology data

Table 265. Views in the supplied **Topology data for transactions** *(CRESTRAN) view set*

View	Notes
Topology data for transactions EYUSTARTCRESTRAN.TABULAR	Tabular topology information about currently installed local and remote transactions.
Topology data for transactions EYUSTARTCRESTRAN.DETAILED	Detailed topology information about currently installed local and remote transactions.

Actions

None.

Fields

Table 266. Fields in CRESTRAN views

Field	Attribute name	Input values
Transaction type	TTYPE	Indicates whether the transaction is defined as local or remote.
Transaction ID	NAME	The 4-character transaction name.
Transaction ID on remote system	REMOTENAME	The name by which this transaction is known in the remote system.
Enabled status	ENABLESTATUS	The enabled status of the transaction, which indicates whether it is available for use. Input values: ENABLED | DISABLED
First program name	PGMNAME	The name of the first program to be executed when this transaction is started.
Transaction monitoring status	MONSTAT	The status of CICS monitoring in the system. This is a BIT field, the value of which is the sum of a combination of the following values: • 01 - Possible data • 02 - Collect data • 04 - User monitor definition • 08 - System monitor definition • 16 - Resource logically deleted • 32 - Resource status facility active A value of '00' indicates that monitoring is inactive in this system.
Remote system ID	REMOTESYSTEM	The system ID of the CICS system where the remote transaction resides.

Unit of work (UOW) operations views

The unit of work (UOW) operations views show information about units of work that are executing within the current context and scope.

Unit of work - UOW

The **unit of work** (UOW) views display information about currently executing units of work.

Supplied views

To access from the main menu, click:

CICS operations views > Unit of work (UOW) operations views > Unit of work

Table 267. Views in the supplied **Unit of work** *(UOW) view set*

View	Notes
Unit of work EYUSTARTUOW.TABULAR	Tabular information about units of work in CICS systems.
Unit of work EYUSTARTUOW.DETAILED	Detailed information about a selected unit of work.
Unit of work EYUSTARTUOW.SET	Set attributes according to the new values specified in input fields
Unit of work EYUSTARTUOW.FORCE	Force unit of work backout or commit.
Unit of work EYUSTARTUOW.COMMIT	Perform syncpoint commit processing.
Unit of work EYUSTARTUOW.BACKOUT	Perform syncpoint backout processing.
Unit of work EYUSTARTUOW.DETAIL1	Details of object transaction service (OTS) transaction ID.

Actions

Table 268. Actions available for UOW views

Action	Description
SET	Set attributes according to the new values specified in input fields
FORCE	Force unit of work backout or commit.
COMMIT	Perform syncpoint commit processing.
BACKOUT	Perform syncpoint backout processing.

Fields

Table 269. Fields in UOW views

Field	Attribute name	Input values
Terminal from which this UOW was started	TERMID	Indicates the ID of the terminal or session from which this unit of work was started.
System ID of connection that caused wait	SYSID	When the Wait Cause field contains a value of CONNECTION, this field displays the ID of the system involved. If the connection has been discarded, or for other Wait Cause values, this field remains blank.
Object transaction service (OTS) transaction ID	OTSTID	Indicates the transaction identifier (TID) of the OTS transaction of which the UOW is a part. If the OTS name has fewer than 128 bytes, it is padded on the right with binary zeros.
Netname of link causing UOW wait/shunt	NETNAME	When the Wait Cause field contains a value of CONNECTION, this field displays the netname of the link which caused the unit of work to wait or be shunted. For other Wait Cause values, this field remains blank.
Wait status	WAITSTATE	Indicates the wait state of the unit of work. Options are ACTIVE, SHUNTED, WAITING.
Netname of remote system that caused wait	LINK	When the Wait Cause field contains a value of CONNECTION, this field displays the ID of the system involved. If the sysid has been discarded, or for other Wait Cause values, this field remains blank.
Time in current wait state (seconds)	AGE	Indicates the number of seconds since the unit of work entered its current wait state.
	NETUOWID	The LU6.2 name for the unit of work within this network.
User that started transaction	USERID	Indicates the user ID from which this transaction was started.
Transaction that started UOW	TRANSID	Indicates the ID of the transaction which started this unit of work.
Task originally associated with UOW	TASKID	Indicates the task number associated with this unit of work.

Table 269. Fields in UOW views (continued)

Field	Attribute name	Input values
UOW status	UOWSTATE	Indicates the state of the unit of work. Options are INFLIGHT, COMMIT, BACKOUT, FORCE, INDOUBT, HEURBACKOUT or HEURCOMMIT.
Cause of wait	WAITCAUSE	Identifies the type of resource that caused the unit of work to wait or be shunted. Options are CONNECTION, DATASET, RLSSERVER, WAITCOMMIT, WAITFORGET, WAITRMI, WAITRRMS.
Local unit of work (UOW) ID	UOWID	Indicates the ID of the local unit of work (UOW).

Unit of work shunted and holding data set locks - UOWDSNF

The **Units of work shunted and holding data set locks** (UOWDSNF) views display information about shunted units of work.

Supplied views

To access from the main menu, click:

CICS operations views > Unit of work (UOW) operations views > Unit of work shunted and holding data set locks

Table 270. Views in the supplied **Unit of work shunted and holding data set locks** *(UOWDSNF) view set*

View	Notes
Unit of work shunted and holding data set locks EYUSTARTUOWDSNF.TABULAR	Tabular information about shunted units of work in CICS systems.
Unit of work shunted and holding data set locks EYUSTARTUOWDSNF.DETAILED	Detailed information about a selected shunted unit of work

Actions

None.

Fields

Table 271. Fields in UOWDSNF views

Field	Attribute name	Input values
Data set name with retained locks	DSNAME	The name of the data set with retained locks for this shunted unit of work.

Table 271. Fields in UOWDSNF views (continued)

Field	Attribute name	Input values
Name of remote system where connection lost	SYSID	When the Cause field contains a value of CONNECTION, this field provides the system identifier of the remote system to which connectivity has been lost.
Mode in which data set last opened	RLSACCESS	Indicates whether the data set was last opened in this CICS region in RLS mode (RLS) or non-RLS mode (NOTRLS).
Specific reason for error	REASON	When the CAUSE field contains a value of RLSSERVER or DATASET, the this field indicates the reason for the error against this data set. The valid values are: • COMMITFAIL - An error occurred when locks were being released. • BACKUPNONBWO - A non-BWO backup was in progress while the unit of work was being backed out. • DATASETFULL - No space is available on the direct access device for adding records to a data set. • DEADLOCK - A deadlock was detected (non-RLS data sets only). • DELEXITERROR - Backout of a write to an ESDS failed. • FAILEDBKOUT - A severe error in CICS occurred. • INDEXRECFULL - A larger alternate index record size needs to be defined for the data set, or a unique alternate index key (for a non-RLS data set) has been reused and CICS is backing out the request that removed that key value. • IOERROR A hard I/O error occurred. • NOTAPPLIC - This field is not applicable because the Cause field does not contain a value of RLSSERVER or DATASET. • OPENERROR - Error opening file or backout file. • RLSGONE - An error occurred when backing out the unit of work, due to the RLS server being inactive.

Table 271. Fields in UOWDSNF views (continued)

Field	Attribute name	Input values
Netname of remote system where connection lost	NETNAME	When the Cause field contains a value of CONNECTION, this field provides the netname of the remote system to which connectivity has been lost.
Failed component which caused this failure	CAUSE	Indicates which failed component caused the shunted unit of work to have retained locks for this data set. The valid values are: • CACHE - The cache structure, or connection to it, has failed. • RLSSERVER - The SMSVSAM server has failed. • CONNECTION - There is an intersystem connection error, which caused the unit of work to fail while in-doubt. • DATASET - The backout of a unit of work failed for this data set. • UNDEFINED - The unit of work is probably inflight following an emergency restart
Unit of work (UOW) ID	UOWID	The identifier of a shunted unit of work that has one or more data sets with retained locks.

Unit of work enqueue - UOWENQ

The **Units of work enqueues** (UOWENQ) views display information about active and retained enqueues held for executing units of work.

Supplied views

To access from the main menu, click:

CICS operations views > Unit of work (UOW) operations views > Unit of work enqueue

Table 272. Views in the supplied **Unit of work enqueue** *(UOWENQ) view set*

View	Notes
Unit of work enqueue EYUSTARTUOWENQ.TABULAR	Tabular information about units of work enqueues
Unit of work enqueue EYUSTARTUOWENQ.DETAILED	Detailed information about a selected unit of work enqueue

Actions

None.

Fields

Table 273. Fields in UOWENQ views

Field	Attribute name	Input values
Enqueue type	STATE	Indicates the state that the enqueue is held in (ACTIVE, RETAINED).
Resource type	TYPE	Identifies the type of resource for which enqueue data is provided (DATASET, EXECENQ, EXECENQADDR, FILE, TDQUEUE, TSQUEUE)
Length of resource name (bytes)	RESLEN	The length of the name of the resource associated with the enqueue.
Network-wide LU6.2 unit of work (UOW) id	NETUOWID	The LU6.2 name for the unit of work that owns or is waiting for the enqueue.
Owner or task waiting	RELATION	Indicates whether the data is associated with the owner of the enqueue (OWNER) or a task waiting for the enqueue (WAITER).
Transaction ID associated with UOW	TRANSID	The transaction identifier associated with the unit of work. If the unit of work is shunted, this is the transaction ID associated with the unit of work before it was shunted.
Number of enqueue failures since last acquire	ENQFAILS	The number of failed enqueue attempts for this resource since the enqueue was last acquired. In other words, the number of units of work that have received a LOCKED response due to this enqueue being held in retained state. For active enqueues, the value is zero.
ENQ scope name	ENQSCOPE	This identifies the optional four character enqueue scope name.
Task number associated with UOW	TASKID	The task number of the task associated with the unit of work. If the unit of work is shunted, this is the task number associated with the unit of work before it was shunted.
Length of resource qualifier (bytes)	QUALLEN	The length of the qualifier of the resource associated with the enqueue.
Resource name qualifier	QUALIFIER	The optional 1-255 character qualifier that further identifies the resource associated with the enqueue.

Table 273. Fields in UOWENQ views (continued)

Field	Attribute name	Input values
Resource name	RESOURCE	Identifies the name of the resource for which enqueue data is provided.
Unit of work (UOW) ID	UOWID	The local ID of the unit of work that owns or is waiting for the enqueue.

Unit of work link - UOWLINK

The **Unit of work link** (UOWLINK) views display information about links between units of work and CICS systems or external resource managers.

Supplied views

To access from the main menu, click:

CICS operations views > Unit of work (UOW) operations views > Unit of work link

Table 274. Views in the supplied **Unit of work link** *(UOWLINK) view set*

View	Notes
Unit of work link EYUSTARTUOWLINK.DELETE	Deletes the link between a unit of work and a CICS system or external resource manager.
Unit of work link EYUSTARTUOWLINK.TABULAR	Tabular information about units of work links.
Unit of work link EYUSTARTUOWLINK.DETAILED	Detailed information about a selected unit of work link.
Unit of work link EYUSTARTUOWLINK.DETAIL1	Detailed information about a selected unit of work link.

Actions

Table 275. Actions available for UOWLINK views

Action	Description
DELETE	Deletes the link between a unit of work and a CICS system or external resource manager.
SET	Set attributes according to new values specified in input fields

Fields

Table 276. Fields in UOWLINK views

Field	Attribute name	Input values
Resource type	TYPE	Identifies the type of connection (CONNECTION or RMI).

Table 276. Fields in UOWLINK views (continued)

Field	Attribute name	Input values
Name of remote system	SYSID	When the TYPE field contains a value of CONNECTION, this field identifies the remote system for which link data is being returned.
Resynchronization status	RESYNCSTATUS	Indicates the resynchronization status of the link. The valid values are: • COLD - The link was cold started by the partner • OK - The link is operating normally. • STARTING - The link is in the process of starting. • UNAVAILABLE - The link is not currently available • NOTAPPLIC - The link was not created using recovery protocols.
Link token	LINK	Indicates, for a TYPE value of CONNECTION, the 8-character netname of the remote system. For a TYPE value of RMI, LINK returns the entry name of the task-related user exit.
Netname of remote system or global user exit name	LINKNAME	When the Type field contains a value of CONNECTION, this field identifies the connection for which link data is being returned. When the Type field contains a value of RMI, this field identifies the entry name of the task-related user exit for which the link data is being returned.
Entry qualifier of task related user exit	RMIQFY	When the Type field contains a value of RMI, this field provides the RMI entry qualifier.
Network-wide LU 6.2 name of UOW	NETUOWID	The network-wide LU6.2 ID of the unit of work for which link data is being returned.
RRMS Unit of recoverable work ID	RRMSURID	The Unit of Recovery ID/token given to CICS by RRMS.
Global transaction identifier	XID	A 64-character area containing the global transaction identifier portion of an XA Transaction identifier associated with this link's unit of work.

Table 276. Fields in UOWLINK views (continued)

Field	Attribute name	Input values
Link protocol	PROTOCOL	Indicates the communications protocol being used by the connection. The valid values are: • APPC - Advanced Program to Program Communications. • IRC - InterRegion Communications. • LU61 - LUTYPE 6.1 • RRMS - Unit of Work is being coordinated by RRMS/MVS • IPIC - IP Interconnectivity, relating to IPCONN connections • NOTAPPLIC - This is an RMI connection.
TCP/IP host address	HOST	The host name.
Role of connection	ROLE	Indicates the role of the connection. The valid values are: • COORDINATOR - This connection is to the syncpoint coordinator for the unit of work. • SUBORDINATE - This connection is to a syncpoint subordinate for the unit of work. • UNKNOWN - The syncpoint role of this connection has not been determined.
Unit of work (UOW) ID	UOWID	The local identifier for this unit of work.

Chapter 5. Example operations tasks

This appendix provides step-by-step examples of some typical operations tasks.

For any operations task, you must be aware of the scope—that is, of the CICS systems—with which you are working: if the scope is a single CICS system, any data you retrieve from CICSPlex SM relates to that single system; if the scope is a group of CICS systems, the data relates to all of the systems in the group; if the scope is a CICSplex, the data relates to every system in that CICSplex. For all of the examples in this chapter, the initial scope is CICSplex PLXPROD1.

The examples are:

Table 277. Example operations tasks

Example
“Finding out how many tasks are associated with a transaction”
“Identifying the tasks associated with a transaction” on page 450
“Relating a set of tasks to a user ID” on page 450
“Checking the status of a terminal” on page 450
“Checking the status of a communications link” on page 451
“Finding out which CICS systems a file is available to” on page 451
“Correlating local and remote file names” on page 451
“Finding out which data set a program came from in a specified CICS system” on page 452
“Finding out why a CICSPlex SM event occurred” on page 453
“Disabling a transaction in a single CICS system” on page 453
“Disabling a transaction globally” on page 454
“Finding out which resources are being monitored in a CICS system” on page 454
“Deactivating a workload definition” on page 455
“Discarding an active transaction from a workload” on page 455

Finding out how many tasks are associated with a transaction

This example shows how to find out how many tasks are associated with transaction CONL throughout the CICSplex PLXPROD1.

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

For a more complete description of the **Active tasks** view, see “Active tasks - TASK” on page 245.

Identifying the tasks associated with a transaction

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

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

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

Relating a set of tasks to a user ID

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

1. If the current context isn't PLXPROD1, on the main menu, type PLXPROD1 into the **Context** field and click **Refresh**.
2. From the main menu, click **Active tasks**. The **Active tasks** tabular view, showing the status of all tasks in the current scope, is displayed.
3. To summarize the list of tasks by User ID, click on the Summarize icon at the top of the **User ID** column. The **Active tasks** tabular view, showing the TASK data summarized by user ID, is displayed. For a more complete description of the **Active tasks** view, see “Active tasks - TASK” on page 245. The **Record count** column tells you how many tasks are associated with each user ID.
4. To display a list of tasks associated with a single user ID, click on record count for the user. The **Active tasks** tabular view is redisplayed showing just the tasks associated with that user.

For a more complete description of the **Active tasks** view, see “Active tasks - TASK” on page 245.

Checking the status of a terminal

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

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

- From the main menu, set the **Context** field to PLZPROD1 and click **Refresh**, if necessary.

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

For a more complete description of the **Terminals** view, see “Terminals - TERMNL” on page 402.

Checking the status of a communications link

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

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

For a complete description of the **ISC/MRO connections** view, see “ISC/MRO connections - CONNECT” on page 67.

Finding out which CICS systems a file is available to

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

1. If the current context isn't PLXPROD1, from the main menu type PLXPROD1 into the **Context** field and click **Refresh**.
2. To display a list of local files, from the main menu, click **Local files**. The **Local files** tabular view (LOCFILE object) is displayed.
3. Refine the display using the **File ID**, **Enablement status** and **Open status** fields. Note that you do not have to use a specific file name; you can use generic names with wild card characters, for example PAY* to display all files that have PAY as the first three characters of their names.

Correlating local and remote file names

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

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

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

   - You can see the number of remote-file definitions installed in CICSplex PLXPROD1, the names by which these files are known, for example

PAYFILER, and the systems in which the remote file definitions are installed, for example CICSPA01 and CICSPAY02.

- The **Remote file names** field contains the name by which the files are known in the CICS systems in which these are *local* files; for example, both files are known as PAYFILE1.
- The name of the connection, for example AF01, between the CICS systems in which these files are known as local files. (This latter value is referred to as the "remote system name", but in fact it is a connection ID.)

3. Use connection name AF01 to find out the name of the remote CICS system.
   - From the main menu, click **ISC and MRO connections** to display the **Connections** tabular view.
   - If necessary, you can refine the data displayed by typing AF01 into the **Connection ID** field and clicking **Refresh**.
   - Note the remote system name for the connection, for example CICSAF01, which is given in the **Net name** field.
4. The next step is to look at all local files called PAYFILE1 in the remote CICS system.
   - Change the scope, so that any data you get back from CICSPlex SM relates only to CICSAF01. To do this, from the main menu, type CICSAF01 into the **Scope** field and click **Refresh**.
   - From the main menu, click **Local files**.
   - On the **Local files** tabular view, type PAYFILE1 into the **File ID** field and click **Refresh**.
   - The **Local files** tabular view is redisplayed showing PAYFILE1 in CICS system CICSAF01.

For a more complete description of the **Remote files** view, see "Remote files - REMFILE" on page 209.

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

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

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

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

For a more complete description of the **Programs** view, see "Programs - PROGRAM" on page 217. For a more complete description of the **DFHRPL data sets** view, see "Static DFHRPL data set names - RPLLIST" on page 244.

Finding out why a CICSPlex SM event occurred

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

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

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

Disabling a transaction in a single CICS system

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

For example, you can:

1. List all local transactions. From the main menu, click **Local or dynamic transactions**. The **Local or dynamic transactions** tabular view (LOCTRAN object), showing all local transactions in the current scope (PLXPROD1), is displayed.
2. To refine the display, type CICSPA01 in the **Scope** field, PAY1 in the **Transaction ID** field, and ENABLED in the **Enabled status** field. Click **Refresh**.
3. Click the Record check box beside the transaction and click the **Disable...** button.
4. The **Disable** view is displayed. Click **Yes**. The **Local or dynamic transactions** tabular view is redisplayed, showing the status of the transaction instance as DISABLED.

or you can:

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

For a more complete description of the **Local or dynamic transactions** view, see "Local or dynamic - LOCTRAN" on page 427.

Disabling a transaction globally

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

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

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

For a more complete description of the **Local and dynamic transactions** view, see "Local or dynamic - LOCTRAN" on page 427.

Finding out which resources are being monitored in a CICS system

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

1. From the main menu, click **Monitoring views > Active monitor specifications**.
2. If the current context is not PLXPROD1, specify PLXPROD1 in the **Context** field.
3. In the **Scope** field, type in CICSPA01 and click **Refresh**.

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

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

Deactivating a workload definition

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

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

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

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

Discarding an active transaction from a workload

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

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

Bibliography

The CICS Transaction Server for z/OS library

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CICSPlex SM Monitor Views Reference, SC34-6844
CICSPlex SM Managing Workloads, SC34-6845
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CICSPlex SM Application Programming Guide, SC34-6848
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CICSPlex SM Resource Tables Reference, SC34-6850
CICSPlex SM Messages and Codes, GC34-6851
CICSPlex SM Problem Determination, GC34-6852

CICS family books

Communication

CICS Family: Interproduct Communication, SC34-6853
CICS Family: Communicating from CICS on zSeries, SC34-6854

Licensed publications

The following licensed publications are not included in the unlicensed version of the Information Center:

CICS Diagnosis Reference, GC34-6862
CICS Data Areas, GC34-6863-00
CICS Supplementary Data Areas, GC34-6864-00
CICS Debugging Tools Interfaces Reference, GC34-6865

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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CICS/ESA 3.3 XRF Guide	SC33-0661

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IBM regularly updates its publications with new and changed information. When first published, both hardcopy and BookManager® softcopy versions of a publication are usually in step. However, due to the time required to print and distribute hardcopy books, the BookManager version is more likely to have had last-minute changes made to it before publication.

Subsequent updates will probably be available in softcopy before they are available in hardcopy. This means that at any time from the availability of a release, softcopy versions should be regarded as the most up-to-date.

For CICS Transaction Server books, these softcopy updates appear regularly on the *Transaction Processing and Data Collection Kit* CD-ROM, SK2T-0730-xx. Each reissue of the collection kit is indicated by an updated order number suffix (the -xx part). For example, collection kit SK2T-0730-06 is more up-to-date than SK2T-0730-05. The collection kit is also clearly dated on the cover.

Updates to the softcopy are clearly marked by revision codes (usually a # character) to the left of the changes.

Accessibility

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:

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

IBM Personal Communications provides 3270 emulation with accessibility features for people with disabilities. You can use this product to provide the accessibility features you need in your CICS system.

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CICSPlex SM Operations Views Reference
Version 3 Release 2

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