

CICS Transaction Server for z/OS



CICSplex SM Resource Tables Reference

Version 3 Release 2

CICS Transaction Server for z/OS



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Version 3 Release 2

Note!

Before using this information and the product it supports, be sure to read the general information under "Notices" on page 875.

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 describes the CICSPlex[®] SM resource tables that can be accessed by the application programming interface (API) or the batched repository-update facility, or be named in real-time analysis EVALDEFS.

- describes the content and format of the resource tables and some of the actions that can be issued against them.
- contains the resource tables themselves.

A set of machine-readable copybooks is provided for each CICSPlex SM resource table. The set consists of one copybook for each language supported by the API. For a description of the resource table copybooks and how to access them see the *CICSPlex System Manager Application Programming Guide*

Who this book is for

This book is for application and systems programmers using the CICSPlex SM application programming interface, the batched repository-update facility or real-time analysis EVALDEFS.

What you need to know

This is a reference book that is used in conjunction with other books.

The *CICSPlex System Manager Application Programming Guide* and the *CICSPlex System Manager Application Programming Referenced* describe the CICSPlex SM API.

CICSPlex System Manager Administration contains information about the use of the batched repository-update facility.

CICSPlex System Manager Managing Resource Usage contains information about real-time analysis EVALDEFS.

Notes on terminology

In the text of this book, the term **CICSPlex SM** (spelled with an uppercase letter *P*) means the CICSPlex SM element of CICS[®] TS for z/OS[®]. 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.

CICS system connectivity

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

For this release of CICSPlex SM, the connectable CICS systems are:

- CICS Transaction Server for z/OS 3.1
- CICS Transaction Server for z/OS 2.3
- CICS Transaction Server for z/OS 2.2
- CICS Transaction Server for OS/390[®] 1.3

You can use this release of CICSPlex SM to control systems running supported releases of CICS that are connected to, and managed by, your previous release of

CICSplex SM. However, if you have any directly-connectable release levels of CICS, as listed above, that are connected to a previous release of CICSplex SM, you are strongly recommended to migrate them to the current release of CICSplex SM, to take full advantage of the enhanced management services. See the *CICS Transaction Server for z/OS Migration from CICS TS Version 3.1* for information on how to do this.

Table 1 shows which supported CICS systems can be directly connected to which releases of CICSplex SM.

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

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

Summary of changes

This book is based on the CICSplex SM for CICS Transaction Server for z/OS, Version 2 Release 3 edition. It has been updated to incorporate changes made for CICSplex SM for CICS Transaction Server for z/OS Version 3 Release 1. Changes made since the last edition are indicated by vertical bars to the left of the change.

New and changed function in CICSplex SM for CICS Transaction Server for z/OS Version 3 Release 1

The following resource tables are new:

Table 2. New resource tables

Resource table	What is it?
BATCHREP	Batched repository update job
HOST	URI virtual host information
PIPEDEF	PIPELINE resource definition
PIPELINE	Processing nodes acting on a service request and response
RESINGRP	Resource definitions in a resource group
URIMAP	URI map information
URIMPDEF	URI map definition
URIMPGBL	URI map global statistics
WEBSVDEF	Web service resource definition
WEBSERV	Run time environment of a program deployed in a web services setting

The following resource tables have changed:

- CICSRGN
- CONNECT
- DOCDEF
- DOCTEMP
- DSPGBL
- EJCODEF
- EJCOSE
- PROGDEF
- PROGRAM
- TASK
- TCPDEF
- TCPIPGBL
- TCPIPS
- TERMDEF
- TSMODEL
- WORKREQ

The TSMODEL base table attribute called DESCRIPTION in earlier releases, has been renamed to RSVRD1 in CICS Transaction Server for z/OS Version 3 Release 1.

New and changed function in CICSplex SM for CICS Transaction Server for z/OS, Version 2 Release 3

The following resource tables are new in CICSplex SM for CICS Transaction Server for z/OS, Version 2 Release 3.

- BRFACIL
- CLCACHE
- JVM
- JVMPROF
- METANAME
- METAPARM
- PARMVA
- WORKREQ

The following resource tables have changed in CICSplex SM for CICS Transaction Server for z/OS, Version 2 Release 3.

- ATTR
- CICSRGN
- DSPGBL
- DSPPOOL
- EJCOBEAN
- EJCODEF
- EJCOSE
- EJDJBEAN
- FILEDEF
- JVMPPOOL
- LSRPBUF
- MONITOR
- OBJACT
- OBJECT
- PROGRAM
- REQID
- STREAMNM
- TASK
- TCPDEF
- TCPIPS
- TERMNL

The OBJACT base table now returns metadata resource records for the CICSplex SM GET, CREATE, SET, UPDATE and REMOVE commands. Previously OBJACT only returned records for valid base table actions issued by a PERFORM command. The OBJACT base table includes a new attribute, APIPERFORM, to differentiate between the two record types. The OBJACT base table is described in the *CICSplex System Manager Application Programming Guide*

The following resource tables are removed in CICSplex SM for CICS Transaction Server for z/OS, Version 2 Release 3.

- DSKJRNL
- JOURNAL
- JRNLDEF
- JRNINGRP
- SMFJRNL
- TAPEJRNL
- VOLUME
- XDSPGBL
- XDSPPOOL
- XJVMPPOOL
- XLSRPBUF
- XMONITOR
- XPROGRAM
- XSTREAM
- XTASK
- X2TASK

The information contained in the XDSPGBL, XDSPPOOL, XJVMPOOL, XLSRPBUF, XMONITOR, XPROGRAM, XSTREAM, XTASK, and X2TASK tables in CICS Transaction Server for z/OS, Version 2 Release 2 has been incorporated in the DSPGBL, DSPPOOL, JVMPOOL, LSRPBUF, MONITOR, PROGRAM, STREAMNM, and TASK tables for CICS Transaction Server for z/OS, Version 2 Release 3.

New and changed function in CICSplex SM for CICS Transaction Server for z/OS, Version 2 Release 2

The following resource tables are new in CICSplex SM for CICS Transaction Server for z/OS, Version 2 Release 2.

- JVMPOOL
- TCPIPGBL

The following resource tables have changed in CICSplex SM for CICS Transaction Server for z/OS, Version 2 Release 2

- CICSRGN
- DB2CDEF
- DB2CONN
- DB2TRN
- TYPTMDEF

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.

New and changed function in CICSplex SM for CICS Transaction Server for z/OS, Version 2 Release 1

The following resource tables are new in CICSplex SM for CICS Transaction Server for z/OS, Version 2 Release 1:

- EJCINGRP
- EJCOBEAN
- EJCODEF
- EJCOSE
- EJDJAR
- EJDJDEF
- EJDINGRP
- EJDJBEAN

The following resource tables have been changed in CICSplex SM for CICS Transaction Server for z/OS, Version 2 Release 1. You should review these

resource tables for possible impact on any real-time analysis (RTA) evaluation definitions (EVALDEF) or application programming interface (API) programs you may be using.

- CMAS
- CPLEXDEF
- MTERMNL
- PROGDEF
- PROGRAM
- RESEDESC
- RQMDEF
- RQMODEL
- TERMNL
- TCPDEF
- TCPIPS
- TRANDEF
- UOW
- UOWLINK

CICSplex SM: Resource Tables Reference

This section provides general information about the CICSplex SM resource tables. Each resource object that CICSplex SM manages is represented by a resource table. Resource tables are used by the following CICSplex SM facilities:

- CICSplex SM Web User Interface (WUI)
- CICSplex SM application programming interface (API)
- CICSplex SM batched repository-update facility
- Real-time analysis (RTA) evaluation definitions (EVALDEF).

CICSplex SM Resource class overview

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

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

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

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

CICS definition resource tables

The following table lists definitions of resources that CICSplex SM can assign to, and possibly install in, CICS systems.

Table 3. Summary of CICS Definition resource tables

CONNDEF	FSEGDEF	TCPDEF
DB2CDEF	IPCONDEF	TDQDEF
DB2EDEF	JRNMDEF	TERMDEF
DB2TDEF	LIBDEF	TRANDEF
DOCDEF	LSRDEF	TRNCLDEF
EJCODEF	MAPDEF	TSMDEF
EJDJDEF	PARTDEF	TYPTMDEF
ENQMDEF	PIPEDEF	URIMPDEF
FENODDEF	PROCDEF	WEBSVDEF
FEPODEF	PROFDEF	
FEPRODEF	PROGDEF	
FETRGDEF	PRTNDEF	
FILEDEF	RQMDEF	
	SESSDEF	

CICS resource resource tables

The following table lists resources that exist in active CICS systems being managed by CICSplex SM.

Table 4. Summary of CICS Resource resource tables

AIMODEL	HOST	RQMODEL
BRFACIL	HTASK	STREAMNM
CFDTPOOL	INDTDQ	SYSDUMP
CICSDSA	INTRATDQ	TASK
CICSRGN	IPCONN	TASKESTG
CLCACHE	JRNLMODL	TASKRMI
CMDT	JRNLNAM	TASKTSQ
CONNECT	JVM	TASKASSC
DBCTLSS	JVMPPOOL	TCPIPGBL
DB2CONN	JVMPROF	TCPIPS
DB2ENTRY	LOCFILE	TDQGBL
DB2SS	LOCTRAN	TERMNL
DB2THRD	LSRPBUF	TRANCLAS
DB2TRAN	LSRPOOL	TRANDUMP
DB2TRN	MASHIST	TSKSPOLS
DOCTEMP	MODENAME	TSMODEL
DSNAME	MQCONN	TSPOOL
EJCOBEAN	MVSESTG	TSQGBL
EJCOSE	MVSTCB	TSQNAME
EJDJAR	MVSTCBGL	TSQSHR
EJDJBEAN	PARTNER	TSQUEUE
ENQMODEL	PIPELINE	UOW
EXITGLUE	PIPINGRP	UOWDSNF
EXITTRUE	PROCTYP	UOWENQ
EXTGLORD	PROFILE	UOWLINK
EXTRATDQ	PROGRAM	URIINGRP
FEPICCONN	REMFIL	URIMPGBL
FEPINODE	REMTDQ	URIMAP
FEPPOOL	REMTRAN	WEBSERV
FEPPROP	REQID	WORKREQ
FEPITRGT	RPLLIST	

CICS monitored resource tables

The following table lists resources that exist in active CICS systems and which are being monitored by CICSplex SM Monitor Services.

Table 5. Summary of CICS Monitored resource tables

MCICSDSA	MJRNLMAM	MREMFIL
MCICSRGN	MLOCFIL	MREMTDQ
MCMDT	MLOCTRAN	MREMTRAN
MCONNECT	MLSRPBUF	MTDQGBL
MDB2THRD	MLSRPOOL	MTERMNL
MFEPICON	MMODNAME	MTRANCLS
MINDTDQ	MNTRATDQ	MTSQGBL
MJOURNAL	MPROGRAM	MXTRATDQ

CICSplex SM definition resource tables

The following table lists definitions that are used by the CICSplex SM management applications (such as Workload Manager and Business Application Services).

Table 6. Summary of CICSplex SM Definition resource tables

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

CICSplex SM configuration definition resource tables

The following table lists definitions that are used by CICSplex SM for configuration purposes .

Table 7. Summary of CICSplex SM Configuration Definition resource tables

CMTCMDEF
CPLXCMAS
CPLEXDEF

CICSplex SM manager resource tables

The following table lists run-time resources that are either built from CICSplex SM definitions or created by CICSplex SM management applications during processing.

Table 8. Summary of CICSplex SM Manager resource tables

APACTV	CRESTFILE	EVENTDTL
BATCHREP	CRESTGLUE	MAS
CICSPLEX	CRESTJRNL	POLMON
CMAS	CRESTJRNM	RASPROC
CMASLIST	CRESTMODE	RDSCPROC
CMASPLEX	CRESTPART	RTAACTV
CMTMMLNK	CRESTPRGM	SYSRES
CMTPMLNK	CRESTPROF	TOPOBJ
CRESAIMD	CRESTPRTY	(IBM® internal use only)
CRESCONN	CRESTRQMD	TREEDATA
CRESDDB2C	CRESTDMP	(IBM internal use only)
CRESDDB2E	CRESTCPS	TREEHEAD
CRESDDB2T	CRESTDMP	(IBM internal use only)WLMATAFF
CRESDOCT	CRESTDQ	WLMATGRP
CRESDSNM	CRESTERM	WLMATRAN
CRESENQM	CRESTRAN	WLMAWAOR
CRESFECO	CRESTRUE	WLMAWDEF
CRESFEND	CRESTSMD	WLMAWORK
CRESFEP	EVENT	WLMAWTOR
CRESFETR		

CICSplex SM notification resource tables

The following table lists messages that are generated asynchronously by CICSplex SM managed objects to report an interesting event.

Table 9. Summary of CICSplex SM Notification resource tables

EACTNTFN	EPLEXCHG	ERMCPRGM
ECSYSCHG	ERESSTAT	ERMCPROF
EDEFCHG	ERMCAIMD	ERMCPRTY
ELIGNAL	ERMCCONN	ERMCRQMD
EMASJOIN	ERMCDDB2C	ERMCDSDMP
EMASSICK	ERMCDDB2E	ERMCTCPS
EMASSTOP	ERMCDDB2T	ERMCTDMP
EMASSTRT	ERMCDOCT	ERMCTDQ
EMASWELL	ERMCDSNM	ERMCTERM
EMCICS	ERMCMENQM	ERMCTRAN
EMCONN	ERMCFECO	ERMCTRUE
EMDBX	ERMCFEND	ERMCTSMD
EMFILE	ERMCFEPO	ERMMCONN
EMGLBL	ERMCFETR	ERMMFILE
EMJRNL	ERMCFILE	ERMMJRNL
EMPROG	ERMCGLUE	ERMMPRGM
EMSTATUS	ERM CJRNL	ERMMTDQ
EMTDQS	ERM CJRNM	ERMMTERM
EMTERM	ERMCMODE	ERMMTRAN
EMTRAN	ERMCPART	ESGRPCHG

CICSplex SM metadata resource tables

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

Table 10. Summary of CICSplex SM Metadata resource tables

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

Resource class key attributes

There may be many instances of actual objects for a given resource class in a CICSplex. Each object instance is a named entity. One or more attributes provide the instance key. For example, the attribute TRANID in the LOCTRAN resource class identifies the attribute that is the name or key field. Resource class key fields are highlighted in the resource table descriptions. Some resource classes have multiple key fields.

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

Key fields are used to:

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

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

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

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

- Identify object instances in an evaluation definition.

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

The CICSplex SM resource table descriptions in the following sections identify the **Primary** key field for each CICSplex definition resource class.

Note: The CICSplex SM notification resource class does not have key fields. The content of the notification identifies the objects associated with the notification.

Special attribute and resource table considerations

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

EYU_ attributes

In CICS Resource and CICS Monitored tables, CICSPlex SM uses the following attributes to uniquely identify which CICS system contains the resource:

- EYU_CICSNAME
- EYU_CICSREL

These attributes are included in every CICS Resource and CICS Monitored resource table record. However, you should not refer to these attributes in any API or batched repository-update facility command.

CHANGETIME and CREATETIME attributes

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

The CHANGETIME and CREATETIME attributes are maintained internally by CICSPlex SM. You should not attempt to change their values in any way.

LNKSxSCG Records (LNKSMSCG, LNKSRSCG, LNKSWSCG)

When a CICSPlex SM specification-to-CICS system group link record (LNKSxSCG) is created or removed, an additional operand, **keyword**, is required. This keyword indicates how the link being created or removed applies to the current members of the CICS system group. The keywords for the CREATE and REMOVE commands are as follows:

CREATE

Specify one of the following:

- FORCE** All current members of the CICS system group should have implicit links established to the named specification. When a link already exists, it is replaced with the newly CREATED link.
- NULL** Current members of the CICS system group should have implicit links established to the named specification only if no link already exists.
- NONE** No implicit links should be established.

REMOVE

Specify one of the following:

- KEEP** All implicit links are to be converted to explicit links.
- NONE** No implicit links are to be converted to explicit links.

Note: You cannot update LNKSxSCG records using the API or batched repository-update facility; you must use the end-user interface.

LNKSxSCS Records (LNKSMSCS, LNKSRSCS, LNKSWSCS)

When a CICSPlex SM specification-to-CICS system link record (LNKSxSCS) is created or removed using the batched repository-update facility, two of the **keyword (value)** operand pairs cannot be used. The keyword(value) pairs that must be omitted from the CREATE and REMOVE commands are the LINK and GROUP pairs. For more information, see the description of the batched repository-update facility in the CICSPlex System Manager Administration book.

CSYSDEF xxxACTION and xxxSEV attributes

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

The following values can be specified for the xxxACTION attributes:

1. The name of an action that is to be taken when this condition occurs.
2. An asterisk (*). This allows the action to be inherited. The rules for specifying inheritance are given in “CSYSDEF Resource Table” on page 143.
3. Leave the attribute blank. This causes a default value to be used. Default notification values are listed in the CICSplex System Manager Managing Resource Usage book..

The following values can be specified for the xxxSEV attributes:

1. The value that is to be used as the severity for this condition.
2. NO. This means that the condition is not to be monitored.
3. The EYUDA INHERIT value. This causes the value to be inherited.
4. The EYUDA N_A value. This causes the default security level for this condition to be used.

Parameters for managing CICSplex SM Definitions

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

Creating CPSM definitions

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

MODEL(csysdef)

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

Parameters for managing CICS Definitions

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

Creating Resource descriptions

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

MODEL(resdesc)

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

Creating Resource groups

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

MODEL(resgroup)

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

MODE(option)

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

NO Do not copy any definitions from the model group.

ASSOCIATIONS

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

MEMBERS

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

Adding CICS Definitions to a Resource group

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

RESGROUP(resgroup)

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

Selecting CICS Definitions

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

RESGROUP(resgroup)

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

CICSSYS(value)

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

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

Parameters for installing CICS Definitions

You can use CICSplex SM to install CICS Definition objects in CICS systems that support the EXEC CICS CREATE command. CICS resources that are represented by CICS Definitions can be installed in the following ways:

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

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

ASSIGNMENT

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

CRITERIA

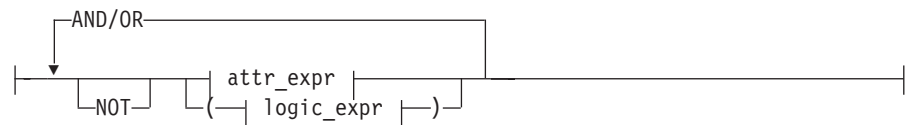
(Optional) When installing a resource group, identify attributes that are to be used in selecting the resources to be installed. CICSplex SM processes only those resources that meet the specified filter criteria.

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

Filter Expression

►► | logic_expr | . ◄◄

logic_expr:



attr_expr:

| attr oper value |

where:

attr Is the name of an attribute in the resource table.

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

Note: You cannot specify the EYU_CICSNAME or EYU_CICSREL attributes in a filter expression.

oper Is one of the following comparison operators:

< Less than

<= Less than or equal to

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

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

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

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

```
TRANID=PAY*
```

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

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

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

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

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

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

AND/OR

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

```
attr_expr AND attr_expr.
```

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

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

has a different meaning than this one:

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

NOT Negates one or more attribute expressions.

You can negate a single attribute expression, like this:

```
NOT attr_expr
```

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

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

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

FORCEINS

(Optional) Specify YES or NO to indicate whether you want to install the resource even if CICSplex SM believes it does not need to be installed. YES is the default.

Normally, CICSplex SM checks to see if it was responsible for placing the currently installed resource in the CICS system. If so, CICSplex SM does not install the new resource, to avoid inadvertently changing attributes of an active resource.

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

MODE (Optional. When installing a RESGROUP with the assignment parameter see “Installing a RESGROUP when ASSIGNMENT is specified” on page 14.) For some resource types, CICSplex SM requires additional information to determine which subset of resource attributes to use in completing the installation. The MODE value you should specify depends on the resource type being installed:

Program definitions (PROGDEF)

If you specified a USAGE of LOCAL, you can specify AUTO to have CICS automatically install programs into a system. AUTO means that no explicit definition of the programs is required in the CICS system.

Transaction definitions (TRANDEF)

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

DYNAM

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

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

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

Transient data queue definitions (TDQDEF)

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

INTRA

Intrapartition TDQ.

EXTRA

Extrapartition TDQ.

IND

Indirect TDQ.

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

NOTIFY

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

NO No checking is performed.

INACTIVE

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

RELEASE

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

FULL Perform both INACTIVE and RELEASE checking.

OVERRIDE

(Optional. When installing a RESGROUP with the assignment parameter see “Installing a RESGROUP when ASSIGNMENT is specified” on page 14.) Identify attributes of the specified resource whose values are to be modified when it is installed in one or more of the specified scopes. (The OVERTYPE value determines which scope the override values are applied to.)

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

Override Expression



where:

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

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

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

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

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

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

OVERTYPE

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

TARGET

Apply the override values to the TARGET scope only.

RELATED

Apply the override values to the RELATED scope only.

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

NONE Do not apply any override values.

REFASSIGN

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

RELATED

(Required, if USAGE is REMOTE. Optional when installing a RESGROUP with the assignment parameter. See “Installing a RESGROUP when ASSIGNMENT is specified” on page 14.) Specify the name of an existing CICS system or CICS system group into which a resource identified as REMOTE is to be installed as LOCAL.

RESTYPE

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

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

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

STATECHK

(Optional) Specify YES or NO to indicate whether the existence and operational state of the resource should be checked before an EXEC CICS CREATE command is issued.

TARGET

(Required except when installing a RESGROUP with the assignment parameter. See “Installing a RESGROUP when ASSIGNMENT is specified” on page 14.) Specify the name of an existing CICS system or CICS system group into which the resource is to be installed.

USAGE

(Required except when installing a RESGROUP with the assignment parameter. See “Installing a RESGROUP when ASSIGNMENT is specified” on page 14.) Specify how the resource will be used:

LOCAL

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

REMOTE

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

- FILEDEF
- PROGDEF
- TDQDEF
- TRANDEF

Replacing a Resource description

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

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

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

Some or all of the following parameters can be used:

CURRENT

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

FORCEINS

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

NOTIFY

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

STATECHK

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

Installing a RESGROUP when ASSIGNMENT is specified

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

- TARGET
- RELATED
- USAGE
- MODE
- OVERRIDE

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

How to Read resource table descriptions

Each resource class is represented by a resource table that fully describes the attributes of that resource. In this book, the information for a resource table is presented in two tables: one that describes the resource table as a whole, and one that describes the individual attributes of the resource table.

Resource table definition

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

The characteristics of a resource table are:

Characteristic	Meaning
----------------	---------

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

Description

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

Length

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

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

API It can be referenced from the CICSplex SM API.

Batch Utility

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

EVALDEF

It can be named in a real-time analysis evaluation definition.

API View

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

Object Type

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

- CICS Definition
- CICS Resource
- CICS Monitored
- CPSM Definition
- CPSM Configuration
- CPSM Manager
- CPSM MetaData
- CPSM Notification

Copybook identifier

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

EYUtnnnn

where:

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

A Assembler

P PL/I

L COBOL

C C

nnnn Is a 4-character numeric resource table identifier.

Valid API Operations

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

Table Invalid CICSREL

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

E620 CICS TS for z/OS Version 2 Release 2

E630 CICS Transaction Server for z/OS, Version 2 Release 3

E640 CICS TS for z/OS Version 3 Release 1

E650 CICS TS for z/OS Version 3 Release 2

PARMS

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

ACTION

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

Active FEEDBACK Error Codes

The error codes that can appear in the FEEDBACK resource table when an error occurs for this object. The resource table copybooks provided for use with the API contain the actual binary value for each error code.

Resource table attribute definitions

The second set of information presented for each resource table defines the attributes in the resource table.

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

The characteristics of a resource table attribute are shown below.

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

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

Datatype

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

When times are displayed as a formatted value, they can include fractions of a second. In the descriptions which follow, for times that include fractions

of a second, *t* is tenths of seconds, *h* is hundredths of seconds, *m* is milliseconds, *i* is ten-thousandths of seconds, *j* is hundred-thousandths of seconds, and *u* is microseconds.

Keyword

Description

ADDRESS

Storage Address. Displayed externally as a printable hexadecimal value.

AVERAGE

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

AVERAGE3

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

BINARY

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

BIT

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

BITSTRIP

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

CHAR

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

CODEDBIN

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

CVDAS

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

CVDAT

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

DATETIME

Date Time Group. Maintained internally as a System/390® Store Clock value. Displayed externally as a 24-digit formatted value MT/DY/YYYY-HH:MM:SS.thmi. When specified in an RTA Evaluation definition (EVALDEF object), the fractions of a second (thmi) are not required. The other data must be entered exactly as specified with leading zeros, if necessary.

DECDATE

Date. Maintained internally as a 4-byte packed decimal field of the form 0CYDDDD+ where C is the century code, YY is the last two digits of the year, DD is the day number within the year, and + indicates a

positive number. A century code of 0 indicates a year in the 20th century (19xx) and a century code of 1 indicates a year in the 21st century (20xx). Displayed as a character string of the form YYYY/DDD.

DECIMAL

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

DECTIME

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

DECTIMES

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

EYUDA

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

HIDCHAR

Hidden character string. Maintained as the character data.

HEX

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

HHMM

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

INTSTCK

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

INTUSEC

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

INTMSEC

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

INTSEC

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

INT16US

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

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

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

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

PERCENT

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

PERCENT3

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

RATE

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

RATE3

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

RESTYPE

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

SCLOCK

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

The first 4 bytes contain the time accumulated by the clock, and they are displayed externally as a formatted value, with the default format HH:MM:SS.thmi. Note that for the standard SCLOCK, the capacity of the clock is such that a wrap-around will occur in approximately 19 hours.

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

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

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

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

For more information about clocks see the CICS Performance Guide.

SCLOCK12

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

The first 8 bytes contain the time accumulated by the clock, and they are displayed externally as a formatted value, with the default format HHHH:MM:SS.thmiju.

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

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

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

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

4. HHHH:MM:SS
5. HHHH:MM:SS.thmiju

Only the first **three** of these formats are compatible with earlier releases of CICSplex SM. If you need to use an Evaluation definition (EVALDEF object) involving SCLOCK12 data with an earlier release of CICSplex SM, do not use format 4 or 5. This applies to Evaluation definitions (EVALDEF object) installed directly on a back-level CICSplex SM system, and also to Evaluation definitions (EVALDEF object) installed as part of a batched repository update job (BATCHREP) or using the batch utility EYU9XDBT. For more information about clocks see the CICS Performance Guide.

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

SUM3 Sum of values. Maintained internally as a doubleword binary value with three implied decimal places. Displayed externally as a zoned decimal value of the form NNN.ttt.

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

Source

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

Keyword

Description

CPSM

Using CICSplex SM services

INQ

From CICS SPI Inquire

STAT

From CICS SPI Statistics

CMF

From CICS Monitor Performance class record

Len

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

Req

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

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

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

Sum

Identifies the default summary option that will be used if an API GROUP

command is issued. The summary option may be changed using the SUMOPT operand of GROUP. Valid values are:

Keyword	Description
AVG	Average of values
DIF	Different character pattern
LIKE	Like values
MIN	Minimum value
MAX	Maximum value
SUM	Sum of values

Note that CICSPlex SM Notifications and the OBJSTAT resource table do not participate in summary operations. See the CICSPlex System Manager Application Programming Guide for more information about the OBJSTAT resource table.

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

Description

1 to 30 characters of text that describes the attribute.

Get/Set Invalid

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

- E620** CICS TS for z/OS Version 2 Release 2
- E630** CICS Transaction Server for z/OS, Version 2 Release 3
- E640** CICS TS for z/OS Version 3 Release 1
- E650** CICS TS for z/OS Version 3 Release 2

Default

For CPSM Definition objects, the default value assumed for the attribute. This value is displayed when an ISPF end-user interface command is used to create an object of this type. If the attribute is required, an explicit value must be provided.

Value Range

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

Attr ID

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

Valid Values

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

Input Valid Values

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

Output Valid Values

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

Input/Output Valid Values

Values that are valid in both cases.

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

Resource table descriptions

ACTION Resource Table

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

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

There are no object specific actions for this resource class.

External resource name**Length**

264

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt2812

Table 11. Valid CPSM operations

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

Table 12. ACTION FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
8	NETVIEW_NOT_FOUND	NEW CMAS not found			

Table 13. ACTION resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ALERTMSGEND	CHAR	CPSM	30	No	DIFF	No	Message text when alert is cleared			19
ALERTMSGSTRT	CHAR	CPSM	30	No	DIFF	No	Message text when alert is raised			18
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
DESC	CHAR	CPSM	58	No	DIFF	No	Description			14
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	22
EVENTMSG	CHAR	CPSM	30	No	DIFF	No	Message to send when event occurs			15
EXTMSGEND	CHAR	CPSM	30	No	DIFF	No	External message sent when event is cleared			17
EXTMSGSTRT	CHAR	CPSM	30	No	DIFF	No	External message sent when event occurs			16
GENALERT	EYUDA	CPSM	4	Yes	LIKE	No	Generate SNA generic alert			10
GENALERT Input/output valid values	YES, NO									
GENEVENT	EYUDA	CPSM	4	Yes	LIKE	No	Generate event			8
GENEVENT Input/output valid values	YES, NO									
GENEXTMSG	EYUDA	CPSM	4	Yes	LIKE	No	Generate external message			9

Table 13. ACTION resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
GENEXTMSG Input/output valid values	YES, NO									
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Action			5
NETVIEW	CHAR	CPSM	8	No	DIFF	No	CMAS to which NetView® attached			7
PRIORITY	BINARY	CPSM	1	No	AVG	No	Action priority	1	1-255	13
RESTARTMAS	EYUDA	CPSM	4	Yes	LIKE	No	MVS™ automatic restart	NO		11
RESTARTMAS Input/output valid values	YES, NO									
VIEW	CHAR	CPSM	8	No	DIFF	No	User data area			6

AIMODEL Resource Table

A CICS Resource that describes an autoinstall terminal model.

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

The following action is supported:

DISCARD

Discard the autoinstall terminal model.

The DISCARD action requires no unique parameter data.

External resource name

Length

24

Usage

API

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0054

Table 14. Valid CPSM operations

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

Table 15. AIMODEL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MODEL-1	CHAR	INQ	8	DIFF	Yes	Model name	1

APACTV Resource Table

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

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

The following actions are supported:

DISCARD

Unconditionally remove the installed definition.

DEACTIVATE

Remove the installed definition honoring a PERIODEF.

These actions require no unique parameter data.

External resource name

Length

80

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2528

Table 16. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 16. Valid CPSM operations (continued)

PERFORM SET	DISCARD	None	N/A
	DEACTIVATE	None	N/A

Table 17. APACTV FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	21	DEACT_NOT_ALLOWED	Deactivate not allowed
22	NOT_FOUND	Not found	23	SCOPE_NOT_FOUND	Scope not found
24	SPEC_NOT_ACTIVE	Specification not active	25	NOT_SPECIFIED	Not specified

Table 18. APACTV resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACTION	CHAR	CPSM	8	DIFF	No	Associated action	7
ACTIVETIME-5	CHAR	CPSM	8	DIFF	Yes	Period definition	6
APSPEC-1	CHAR	CPSM	8	DIFF	Yes	Analysis point specification	1
CMAS-2	CHAR	CPSM	8	DIFF	Yes	CMAS	2
CMATYPE	EYUDA	CPSM	4	LIKE	No	CMAS type	3
CMATYPE Output valid values	PRIMARY, SECONDARY						
DEFNAME-3	CHAR	CPSM	8	DIFF	Yes	Analysis definition	4
RATE	BINARY	CPSM	4	AVG	No	Interval between analysis activations (seconds)	8
SCOPE-4	CHAR	CPSM	8	DIFF	Yes	Analysis scope	5
STATUS	EYUDA	CPSM	4	LIKE	No	Definition status	9
STATUS Output valid values	ACTIVE, PENDING						

APSPEC Resource Table

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

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

External resource name

Length

80

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt3515

Table 19. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDPCMAS	CMASNAME(value)	Yes
	ADDSCMAS	CMASNAME(value)	Yes

Table 20. APSPEC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Does not exist	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Attempt to update changed definition	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	21	CMAS_NOT_UNIQUE	Not unique
22	DUP_ASSOCIATIO	Duplicate association			

Table 21. APSPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
DESC	CHAR	CPSM	58	No	DIFF	No	Description			6
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	7
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	RTA analysis point specification			5

ASYNCREQ Resource Table

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

There is no key field for this resource class.

There are no object specific actions for this resource class.

External resource name

Length

192

Usage API**API view**

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Metadata

Copybook identifier

EYUt2584

Table 22. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 23. ASYNCREQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ATTRDATAVAL	CHAR	CPSM	1	LIKE	Attribute data availableAttribute Ids validNo Attribute Id data	8
ATTRDATAVAL Input/output valid values	Y (YES), N (NO)					
ATTR_DTYP1	BINARY	CPSM	1	LIKE	Attribute datatypeComponent IdentifierBinary NumericBinary Derived RateBinary Derived PercentBinary Derived SumBinary Derived RatioBinary Derived AverageSystem/390 TimestampBitText Unknown LengthCharacterEYUDACVDA StandardCVDA TerminalResource TypePacked DecimalDateInternal Label FieldBinary HHMMInterval Store ClockInterval MicrosecondsInterval MillisecondsInterval 16 MicrosecondsInterval SecondsInterval Store Clock DeltaDate Time GroupPacked Decimal TimestampAddressCoded NumericNon Display CharacterHexadecimalTable versionBinary derived rate 3DPBinary derived percent 3DPBinary derived sum 3DPBinary derived average 3DPPacked Decimal Time - No TenthsInterval Store Clock Length 12	21
ATTR_DTYP1 Input/output valid values	0 (COMP), 4 (BIN), 8 (RATE), 12 (PER), 16 (SUM), 20 (RATO), 24 (AVG), 28 (TSTP), 32 (BIT), 36 (TEXT), 40 (CHAR), 44 (EYUD), 48 (CVDS), 52 (CVDT), 56 (REST), 60 (PACK), 64 (DATE), 68 (ILBL), 72 (HHMM), 76 (SCLK), 80 (IUSC), 84 (IMSC), 88 (16US), 92 (ISEC), 96 (IUSS), 100 (DTGP), 104 (DECT), 108 (ADDR), 112 (CNUM), 116 (HCHR), 120 (HEX), 124 (TBLV), 128 (RAT3), 132 (PER3), 136 (SUM3), 140 (AVG3), 144 (DECS), 152 (SC12)					
ATTR_DTYP2	BINARY	CPSM	1	LIKE	Attribute datatype	26
ATTR_DTYP3	BINARY	CPSM	1	LIKE	Attribute datatype	31
ATTR_DTYP4	BINARY	CPSM	1	LIKE	Attribute datatype	36
ATTR_DTYP5	BINARY	CPSM	1	LIKE	Attribute datatype	41
ATTR_LEN1	BINARY	CPSM	2	LIKE	Attribute length	23
ATTR_LEN2	BINARY	CPSM	2	LIKE	Attribute length	28
ATTR_LEN3	BINARY	CPSM	2	LIKE	Attribute length	33
ATTR_LEN4	BINARY	CPSM	2	LIKE	Attribute length	38
ATTR_LEN5	BINARY	CPSM	2	LIKE	Attribute length	43

Table 23. ASYNCREQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
ATTR_NM1	CHAR	CPSM	12	LIKE	Attribute name	19
ATTR_NM2	CHAR	CPSM	12	LIKE	Attribute name	24
ATTR_NM3	CHAR	CPSM	12	LIKE	Attribute name	29
ATTR_NM4	CHAR	CPSM	12	LIKE	Attribute name	34
ATTR_NM5	CHAR	CPSM	12	LIKE	Attribute name	39
ATTR_OFF1	BINARY	CPSM	2	LIKE	Attribute offset	20
ATTR_OFF2	BINARY	CPSM	2	LIKE	Attribute offset	25
ATTR_OFF3	BINARY	CPSM	2	LIKE	Attribute offset	30
ATTR_OFF4	BINARY	CPSM	2	LIKE	Attribute offset	35
ATTR_OFF5	BINARY	CPSM	2	LIKE	Attribute offset	40
ATTR_RID1	BINARY	CPSM	1	LIKE	Attribute relative ID	22
ATTR_RID2	BINARY	CPSM	1	LIKE	Attribute relative ID	27
ATTR_RID3	BINARY	CPSM	1	LIKE	Attribute relative ID	32
ATTR_RID4	BINARY	CPSM	1	LIKE	Attribute relative ID	37
ATTR_RID5	BINARY	CPSM	1	LIKE	Attribute relative ID	42
CEIBDATAVAL	CHAR	CPSM	1	LIKE	EIB data availableEIB data validNo EIB data	9
CEIBDATAVAL Input/output valid values	Y (YES), N (NO)					
CEIBFN	HEX	CPSM	4	MIN	EIBFN value from CICS	16
CEIBRESP	BINARY	CPSM	4	LIKE	RESP response from CICS	14
CEIBRESP1	BINARY	CPSM	4	LIKE	RESP2 response from CICS	15
COMMAND	BINARY	CPSM	1	LIKE	Command codeNOOPCancelConnectCopyCreateDeleteDiscardDisconnectFetchGetLocateMarkOrder byPerform SetPerform ObjectQualifyQueryReceiveRemoveSpecify FilterUnmarkAddressGetdefListenRefreshSetSpecify ViewTerminateTranslateGroup byUpdate	7
COMMAND Input/output valid values	1 (NOOP), 2 (CANCEL), 3 (CONNECT), 4 (COPY), 5 (CREATE), 6 (DELETE), 7 (DISCARD), 8 (DISCONN), 9 (FETCH), 10 (GET), 11 (LOCATE), 12 (MARK), 13 (ORDER), 14 (PERFSET), 15 (PERFOBJ), 16 (QUALIFY), 17 (QUERY), 18 (RECEIVE), 19 (REMOVE), 20 (FILTER), 21 (UNMARK), 22 (ADDRESS), 23 (GETDEF), 24 (LISTEN), 25 (REFRESH), 26 (SET), 27 (VIEW), 28 (TERM), 29 (TRANS), 30 (GROUP), 31 (UPDATE)					
COUNT	BINARY	CPSM	4	LIKE	GET COUNT() value	47
DIAGNOSTIC	BINARY	CPSM	32	LIKE	Internal diagnostic data	46
ERRCODEVAL	CHAR	CPSM	1	LIKE	Error code availableError Code validNo Error Code Data	10
ERRCODEVAL Input/output valid values	Y (YES), N (NO)					
ERROR_CODE	BINARY	CPSM	4	LIKE	Error code	13
OBJECT	CHAR	CPSM	8	LIKE	Name of object	17
OBJECT_ACT	CHAR	CPSM	12	LIKE	Action performed	18
REASON	BINARY	CPSM	4	LIKE	Command reason	12
RESPONSE	BINARY	CPSM	4	LIKE	Command response	11
RESULTSET	BINARY	CPSM	4	LIKE	Result set token	5
RSLTRECID	BINARY	CPSM	4	LIKE	Result set record ID	45
RSRVED01	BINARY	CPSM	2	LIKE	Reserved area	44
USERTOKEN	CHAR	CPSM	4	LIKE	User token	6

ATTRAVA Resource Table

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

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

External resource name

Length

40

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Metadata

Copybook identifier

EYUt2581

Table 24. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 25. ATTRAVA resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
AVAVALUE-4	CHAR	CPSM	16	DIFF	Yes	Attribute valid value	7
IOTYPE	CHAR	CPSM	1	DIFF	No	Valid I/O operation INPUT and Output INPUT operation OUTPUT operation	9
IOTYPE Input/output valid values	B (B), I (I), O (O)						
LISTTYPE	BINARY	CPSM	1	AVG	No	Valid value type AVAVALUE is an AAVAVALUE is a VALUE	8
LISTTYPE Input/output valid values	1 (AVA), 2 (VALUE)						
NAME-3	CHAR	CPSM	12	DIFF	Yes	Attribute name	6
OBJECT-1	CHAR	CPSM	8	DIFF	Yes	Object name	4
TABLEVER-2	BINARY	CPSM	2	AVG	Yes	Object table version	5

ATTR Resource Table

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

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

External resource name

Length

216

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Metadata

Copybook identifier

EYUt2580

Table 26. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 27. ATTR resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
AVAAVAIL	CHAR	CPSM	1	DIFF	No	AVA set availableValue assertionsNo values	17
AVAAVAIL Input/output valid values	Y (YES), N (NO)						
AVACOUNT	BINARY	CPSM	1	AVG	No	Number of AVAs present	23
CICSSETAVAIL	CHAR	CPSM	1	DIFF	No	CICS set validity availableCICS Set Validity data presentNo CICS Set Validity data	48
CICSSETAVAIL Input/output valid values	Y (YES), N (NO)						
CICSVALAVAIL	CHAR	CPSM	1	DIFF	No	CICS validity data availableCICS Validity activeNo CICS Validity data	18
CICSVALAVAIL Input/output valid values	Y (YES), N (NO)						
DATATYPE	CHAR	CPSM	8	DIFF	No	Data type	10
DEFAULT	CHAR	CPSM	16	DIFF	No	Default value	46
DESC	CHAR	CPSM	50	DIFF	No	Attribute description	45
FILTER	CHAR	CPSM	1	DIFF	No	Attribute eligible for filteringFilter by field allowedFilter by field not allowed	50

Table 27. ATTR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
FILTER Input/output valid values	Y (YES), N (NO)						
HDRTEXT	CHAR	CPSM	30	DIFF	No	Attribute header text	44
HDRTXTAVAIL	CHAR	CPSM	1	DIFF	No	Header text availableHeader data activeNo header data	19
HDRTXTAVAIL Input/output valid values	Y (YES), N (NO)						
HIGHVALUE	CHAR	CPSM	16	DIFF	No	Highest valid value	43
ID	BINARY	CPSM	2	LIKE	No	Attribute id	57
IDATATYPE	BINARY	CPSM	1	LIKE	No	ReservedComponent IdentifierBinary NumericBinary Derived RateBinary Derived PercentBinary Derived SumBinary Derived RatioBinary Derived AverageSystem/370 TimestampBitTextCharacterEYUDACVDA StandardCVDA TerminalResource TypePacked DecimalDateInternal Label FieldBinary HHMMInterval Store ClockInterval MicrosecondsInterval MillisecondsInterval 16 MicrosecondsInterval SecondsInterval Store Clock deltaDate Time GroupPacked Decimal TimestampAddressCoded NumericNon Display CharacterHexadecimalTable versionBinary derived rate 3DPBinary derived percent 3DPBinary derived sum 3DPBinary derived average 3DPPacked Decimal Time - No TenthsInterval Store Clock Length 12String of bit flags	54
IDATATYPE Input/output valid values	0 (COMP), 4 (BIN), 8 (RATE), 12 (PER), 16 (SUM), 20 (RATO), 24 (AVG), 28 (TSTP), 32 (BIT), 36 (TEXT), 40 (CHAR), 44 (EYUD), 48 (CVDS), 52 (CVDT), 56 (REST), 60 (PACK), 64 (DATE), 68 (ILBL), 72 (HHMM), 76 (SCLK), 80 (IUSC), 84 (IMSC), 88 (16US), 92 (ISEC), 96 (IUSS), 100 (DTGP), 104 (DECT), 108 (ADDR), 112 (CNUM), 116 (HCHR), 120 (HEX), 124 (TVER), 128 (RAT3), 132 (PER3), 136 (SUM3), 140 (AVG3), 144 (DECS), 152 (SC12), 156 (BITS)						
IGNVALUE	CHAR	CPSM	16	DIFF	No	Ignore value	41
INHERIT	CHAR	CPSM	1	DIFF	No	Attribute may participate in inheritanceInherit supportedInherit not supported	53
INHERIT Input/output valid values	Y (YES), N (NO)						
KEY	CHAR	CPSM	1	DIFF	No	Key participation	22
LENGTH	BINARY	CPSM	2	AVG	No	Attribute length	8
LOWVALUE	CHAR	CPSM	16	DIFF	No	Lowest valid value	42
NAME-3	CHAR	CPSM	12	DIFF	Yes	Attribute name	6
OBJECT-1	CHAR	CPSM	8	DIFF	Yes	Object name	4
OFFSET	BINARY	CPSM	2	AVG	No	Attribute offset	9
PICKLIST	CHAR	CPSM	1	DIFF	No	Attribute eligible for picklist Picklist supported Picklist not supported	58
PICKLIST Input/output valid values	Y (YES), N (NO)						
REQUIRED	CHAR	CPSM	1	DIFF	No	Attribute is requiredRequired for CreateOptional on Create	16

Table 27. ATTR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
REQUIRED Input/output valid values	Y (YES), N (NO)						
SETCICSES2	BIT	CPSM	1	LIKE	No	Not modifiable in CICS/ESA byte 2CICS for MVS/ESA 630CICS for MVS/ESA 640CICS for MVS/ESA 650	56
SETCICSES2 Input/output valid values	128 (E630), 64 (E640), 32 (E650)						
SETCICSESA	BIT	CPSM	1	LIKE	No	Not modifiable in CICS/ESACICS/MVS 212CICS/ESA 330CICS/ESA 410CICS for MVS/ESA 510CICS for MVS/ESA 520CICS for MVS/ESA 530CICS for MVS/ESA 610CICS for MVS/ESA 620	33
SETCICSESA Input/output valid values	128 (M212), 64 (E330), 32 (E410), 16 (E510), 8 (E520), 4 (E530), 2 (E610), 1 (E620)						
SETCICSOS2	BIT	CPSM	1	LIKE	No	Not modifiable in CICS OS/2CICS OS/2 201CICS OS/2 300CICS OS/2 310	35
SETCICSOS2 Input/output valid values	128 (O201), 64 (O300), 32 (O311)						
SETCICSVSE	BIT	CPSM	1	LIKE	No	Not modifiable in CICS/VSECICS/VSE 220CICS/VSE 230CICS/VSE 410	34
SETCICSVSE Input/output valid values	128 (V220), 64 (V230), 32 (V410)						
SETCICSWNT	BIT	CPSM	1	LIKE	No	Not modifiable in CICS for WindowsCICS for Windows 430CICS for Windows 500	38
SETCICSWNT Input/output valid values	128 (N430), 64 (N500)						
SETVALID	CHAR	CPSM	1	DIFF	No	Attribute may be setValue may be modifiedNo modification	15
SETVALID Input/output valid values	Y (YES), N (NO)						
SORT	CHAR	CPSM	1	DIFF	No	Attribute eligible for sortingSort by field allowedSort by field not allowed	49
SORT Input/output valid values	Y (YES), N (NO)						
SOURCE	CHAR	CPSM	1	DIFF	No	Source of attribute	21
SUMMARIZE	CHAR	CPSM	1	DIFF	No	Attribute eligible for groupingGroup by field allowedGroup by field not allowed	51
SUMMARIZE Input/output valid values	Y (YES), N (NO)						
SUMOPT	CHAR	CPSM	4	DIFF	No	Default summary option	11
TABLEVER-2	BINARY	CPSM	2	AVG	Yes	Object table version	5
UCHAR	CHAR	CPSM	1	DIFF	No	Uppercase character valuesUppercase charactersDo not uppercase characters	47
UCHAR Input/output valid values	Y (YES), N (NO)						

Table 27. ATTR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
VALCICSES2	BIT	CPSM	1	LIKE	No	Not valid in CICS/ESA byte 2CICS for MVS/ESA 630CICS for MVS/ESA 640CICS for MVS/ESA 650	55
VALCICSES2 Input/output valid values	128 (E630), 64 (E640), 32 (E650)						
VALCICSESA	BIT	CPSM	1	LIKE	No	Not valid in CICS/ESACICS/MVS 212CICS/ESA 330CICS/ESA 410CICS for MVS/ESA 510CICS for MVS/ESA 520CICS for MVS/ESA 530CICS for MVS/ESA 610CICS for MVS/ESA 620	25
VALCICSESA Input/output valid values	128 (M212), 64 (E330), 32 (E410), 16 (E510), 8 (E520), 4 (E530), 2 (E610), 1 (E620)						
VALCICSOS2	BIT	CPSM	1	LIKE	No	Not valid in CICS OS/2CICS OS/2 201CICS OS/2 300CICS OS/2 310	27
VALCICSOS2 Input/output valid values	128 (O201), 64 (O300), 32 (O311)						
VALCICSVSE	BIT	CPSM	1	LIKE	No	Not valid in CICS/VSECICIS/VSE 220CICS/VSE 230CICS/VSE 410	26
VALCICSVSE Input/output valid values	128 (V220), 64 (V230), 32 (V410)						
VALCICSWNT	BIT	CPSM	1	LIKE	No	Not valid in CICS for WindowsCICS for Windows 430CICS for Windows 500	30
VALCICSWNT Input/output valid values	128 (N430), 64 (N500)						
VALCOUNT	BINARY	CPSM	1	AVG	No	Number of values present	24
VALSETAVAIL	CHAR	CPSM	1	DIFF	No	Value set availableValue set activeNo value set	20
VALSETAVAIL Input/output valid values	Y (YES), N (NO)						
VIEWMOD	CHAR	CPSM	1	DIFF	No	Attribute may appear in a viewSPECIFY VIEW allowedSPECIFY VIEW not allowed	52
VIEWMOD Input/output valid values	Y (YES), N (NO)						

BATCHREP Resource Table

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

The key for this resource class is a composite element.

The following actions are supported:

CHECK

Check input parameters for a batched repository-update job.

The parameter data for the CHECK action is:

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

where:

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

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

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

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

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

EXECUTE

Execute a batched repository-update job.

The parameter data for the EXECUTE action is:

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

where:

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

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

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

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

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

External resource name

Length

80

Usage

API

API view

No

CMAS context

Yes

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier
EYUt2554

Table 28. Valid CPSM operations

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

Table 29. BATCHREP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	DUPLICATE_REQUEST	Duplicate request for this input data set and member	2	STORAGE_FAILURE	Failure to obtain storage for job
3	PRINT_FAILURE	Failure during print processing	4	INPUT_SEC_VIOLATION	Security violation with input data set
5	SPOOL_UNAVAILABLE	Spool found to be not available	6	DATASET_NOT_FOUND	Input data set not found
7	OUTPUT_SEC_VIOLATION	Security violation with output data set	8	PRINTNODE_NOT_FOUND	Print node is required but not specified
9	OUTPUTUSER_NOT_FOUND	Output user is required but not specified	10	INV_INPUTMEMBER	Invalid input member
11	INV_INPUTDSN	Invalid input data set name	12	INV_PRINTCLASS	Invalid output class
13	INV_PRINTNODE	Invalid print node	14	INV_OUTPUTUSERID	Invalid destination userid

Table 30. BATCHREP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
INPUTDSN-1	CHAR	CPSM	44	DIFF	Yes	Input data set		7
INPUTMEMBER-2	CHAR	CPSM	8	DIFF	Yes	Input member		8
OUTPUTUSER	CHAR	CPSM	8	DIFF	Yes	Destination userid		11
PRINTCLASS	CHAR	CPSM	1	DIFF	Yes	Output class	A	9
PRINTNODE	CHAR	CPSM	8	DIFF	Yes	Destination node		10
PROCESS	EYUDA	CPSM	4	LIKE	Yes	Processing state	STOPPED	12
PROCESS Output valid values	STARTED, STOPPED							
RUNTYPE	EYUDA	CPSM	4	LIKE	Yes	Batch run type	CHECK	6
RUNTYPE Input/output valid values	EXECUTE, CHECK							

BINCONRS Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

144

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Metadata

Copybook identifier

EYUt2619

Table 31. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 32. BINCONRS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CANDASGOVR	EYUDA	CPSM	4	LIKE	No	Candidate assignment override	19
CANDASGOVR Output valid values	NO, YES						
CANDNAME-2	CHAR	CPSM	8	LIKE	Yes	Candidate resource name	10
CANDRASG	CHAR	CPSM	8	LIKE	No	Candidate resource assignment	14
CANDRDSC	CHAR	CPSM	8	LIKE	No	Candidate resource description	15
CANDRGRP	CHAR	CPSM	8	LIKE	No	Candidate resource group	13
CANDSGRP	CHAR	CPSM	8	LIKE	No	Candidate system group	17
CANDTYPE	EYUDA	CPSM	4	LIKE	No	Candidate system type	18
CANDTYPE Output valid values	TARGET, RELATED						
CANDUSAGE	EYUDA	CPSM	4	LIKE	No	Candidate resource assignment usage	16
CANDUSAGE Output valid values	LOCAL, REMOTE, ASIS						
CANDVER-3	BINARY	CPSM	1	LIKE	Yes	Candidate resource version	11
CICSNAME-1	CHAR	CPSM	8	LIKE	Yes	CICS system name	6

Table 32. BINCONRS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CMASNAME	CHAR	CPSM	8	LIKE	No	CMAS name	4
ERROP	BINARY	CPSM	1	LIKE	No	Error operationAdd System to System GroupAdd Definition to GroupUpdate Definition in GroupAdd RASINDSCAdd RESINDSCUpdate RASGNDEFUpdate RASINDSCUpdate RESDESC Install ScopeUpdate RESDESC	8
ERROP Input/output valid values	1 (ADDSYS), 2 (ADDTGRP), 3 (UPDINGRP), 4 (ADDRASI), 5 (ADDRESI), 6 (UPDRASG), 7 (UPDRASI), 8 (UPDRESI), 9 (UPDRDSC)						
EXISTASGOVR	EYUDA	CPSM	4	LIKE	No	Existing resource assignment override	29
EXISTASGOVR Output valid values	NO, YES						
EXISTNAME	CHAR	CPSM	8	LIKE	No	Existing resource name	20
EXISTRASG	CHAR	CPSM	8	LIKE	No	Existing resource assignment	23
EXISTRDSC	CHAR	CPSM	8	LIKE	No	Existing resource description	24
EXISTRGRP	CHAR	CPSM	8	LIKE	No	Existing resource group	22
EXISTSGRP	CHAR	CPSM	8	LIKE	No	Existing system group	27
EXISTTYPE	EYUDA	CPSM	4	LIKE	No	Existing system type	28
EXISTTYPE Output valid values	TARGET, RELATED						
EXISTUSAGE	EYUDA	CPSM	4	LIKE	No	Existing resource assignment usage	26
EXISTUSAGE Output valid values	LOCAL, REMOTE, ASIS						
EXISTVER	BINARY	CPSM	1	LIKE	No	Existing resource version	21
PLEXNAME	CHAR	CPSM	8	LIKE	No	CICSplex name	5
RESTYPE	CHAR	CPSM	8	LIKE	No	Resource type	7

BINCONSC Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

80

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Metadata

Copybook identifier

EYUt2620

Table 33. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 34. BINCONSC resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CICSNAME	CHAR	CPSM	8	LIKE	No	CICS system name	15
CMASNAME	CHAR	CPSM	8	LIKE	No	CMAS name	4
ERRCODE	BINARY	CPSM	1	LIKE	No	Error codeTarget/Related scopes are sameTarget Scope is in RelatedRelated Scope is in TargetCICSNAME in Target and RelatedMultiple Systems in RelatedRelated System has no SYSID	7
ERRCODE Input/output valid values	1 (SAMESCP), 2 (TRGINREL), 3 (RELINTRG), 4 (SYSNBOTH), 5 (MULTREL), 6 (RELNOSYS)						
ERROP	BINARY	CPSM	1	LIKE	No	Error operationAdd RASINDSCUpdate RASGNDEFUpdate RASINDScUpdate RESESCAdd System to Group	6
ERROP Input/output valid values	1 (ADDRASI), 2 (UPDRASG), 3 (UPDRASI), 4 (UPDRDSC), 5 (ADDSYS)						
PLEXNAME	CHAR	CPSM	8	LIKE	No	CICSplex name	5
RELRASG	CHAR	CPSM	8	LIKE	No	Resource assignment for related scope	13
RELRDSC	CHAR	CPSM	8	LIKE	No	Resource description for related scope	14
RELScope-2	CHAR	CPSM	8	LIKE	Yes	Related scope name	12
TARGRASG	CHAR	CPSM	8	LIKE	No	Resource assignment for target scope	10
TARGRDSC	CHAR	CPSM	8	LIKE	No	Resource description for target scope	11
TARGScope-1	CHAR	CPSM	8	LIKE	Yes	Target scope name	9

BINSTERR Resource Table

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

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

There are no object specific actions for this resource class.

External resource name**Length**

48

Usage API**API view**

No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Metadata

Copybook identifier
EYUt2616

Table 35. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 36. BINSTERR resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CEIBFN	BINARY	CPSM	2	LIKE	No	EIBFN response from CICS	13
CICSNAME-1	CHAR	CPSM	8	LIKE	Yes	CICS system name	6
CMASNAME	CHAR	CPSM	8	LIKE	No	CMAS name	4
CRESP1	BINARY	CPSM	4	LIKE	No	RESP response from CICS	11
CRESP2	BINARY	CPSM	4	LIKE	No	RESP2 response from CICS	12
ERRCODE	BINARY	CPSM	1	LIKE	No	Error codeSystem Inact/Not Cre capableInstall not authorizedDiscard not authorizedInstall failureInstall discard failureInstall Complete failureInstall Connection failureInstall status failureInstall not supportedResource Install negatedDiscard failureMAS method failureSystem not create capableResource not supported	10
ERRCODE Input/output valid values	1 (SYSSTATE), 2 (INSTNAUT), 3 (DSCDNAUT), 4 (INSTFAIL), 5 (DSCDFAIL), 6 (INSTCPFL), 7 (INSTNCON), 8 (INSTSTAT), 9 (INSTNSUP), 10 (FORCENO), 11 (DSCRDERR), 12 (METHFAIL), 13 (NOCREATE), 14 (RSRCNSUP)						
PLEXNAME	CHAR	CPSM	8	LIKE	No	CICSplex name	5
RESNAME-2	CHAR	CPSM	8	LIKE	Yes	Resource name	7
RESTYPE	RESTYPE	CPSM	2	LIKE	No	Resource type	8
RESVER-3	BINARY	CPSM	1	LIKE	Yes	Resource version number	9

BRFACIL Resource Table

A CICS Resource that describes a LINK3270 bridge facility.

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

The following action is supported:

RELEASE

Mark an active bridge facility for deletion.

External resource name

Length

88

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0111

Table 37. Valid CPSM operations

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

Table 38. BRFACIL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
KEEPTIME	INTSEC	INQ	4	MAX	No	Facility keep time	12
LINKSYSNET	CHAR	INQ	8	DIFF	No	Remote bridge target region network name	8
LINKSYSTEM	CHAR	INQ	4	DIFF	No	Remote bridge target region system ID	7
NAME-1	HEX	INQ	8	MIN	Yes	Bridge facility token	1
NAMESPACE	CVDAS	INQ	4	LIKE	No	Namespace type	11
NAMESPACE Output valid values	LOCAL, SHARED						
NETNAME	CHAR	INQ	8	DIFF	No	Network name	2
REMOTESYSNET	CHAR	INQ	8	DIFF	No	Remote bridge router network name	10
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote bridge router system ID	9
TASKID	BINARY	INQ	4	AVG	No	Task number	5
TERMID	CHAR	INQ	4	DIFF	No	Terminal	3
TERMSTATUS	CVDAS	INQ	4	LIKE	Yes	Terminal status	13
TERMSTATUS Input/output valid values	RELEASED						
TERMSTATUS Output valid values	ACQUIRED, AVAILABLE						
TRANSID	CHAR	INQ	4	DIFF	No	Transaction	4
USERID	CHAR	INQ	8	DIFF	No	User ID	6

CFDTPOOL Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0097

Table 39. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 40. CFDTPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CONNSTATUS	CVDAS	INQ	4	LIKE	No	Connection status	2
CONNSTATUS Output valid values	CONNECTED, NOTCONNECTED, UNAVAILABLE						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Pool name	1

CICSDSA Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
Length
 312
Usage API or EVALDEF
API view
 Yes
CMAS context
 No
SCOPE applies
 Yes
Only query CMASs in workload
 No
Object type
 CICS Resource
Copybook identifier
 EYUt0002

Table 41. Valid CPSM operations

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

Table 42. CICSDSA FEEDBACK error codes

Value	Code	Description	Value	Code	Description
2	REC_NOT_FOUND	Requested resource not found			

Table 43. CICSDSA resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ACCESSTYPE	EYUDA	STAT	4	LIKE	No	Storage key		22
ACCESSTYPE Output valid values	CICS, USER, READONLY							
ASACTIVE	BINARY	STAT	8	AVG	No	Current address space storage that is addressable		48
ASUBTOTL	BINARY	STAT	4	AVG	No	Number of Add Subpool requests		7
ATBCUSHLIMIT	BINARY	STAT	8	AVG	No	Cushion limit		53
ATBCUSHRELS	BINARY	STAT	8	AVG	No	Number of GCDSA cushion releases		52
CUMCMNSSUSRS	BINARY	STAT	4	AVG	No	Cumulative number of common subspace users		36
CUMUNQSSUSRS	BINARY	STAT	4	AVG	No	Cumulative number of unique subspace users		33
CURCMNSSUSRS	BINARY	STAT	4	AVG	No	Current number of common subspace users		35
CURRALLOC	BINARY	STAT	8	AVG	No	Current DSA allocation		38

Table 43. CICSDSA resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
CURUNQSSUSRS	BINARY	STAT	4	AVG	No	Current tasks allocated a unique subspace		32
CUSHION	BINARY	INQ	8	AVG	Yes	Cushion size	E410P	33
DSUBTOTL	BINARY	STAT	4	AVG	No	Number of Delete Subpool requests		8
EXTENTSADDED	BINARY	STAT	4	AVG	No	Number of extents added to DSA		41
EXTENTSCURR	BINARY	STAT	4	AVG	No	Number of extents allocated to DSA		40
EXTENTSDELTD	BINARY	STAT	4	AVG	No	Number of extents deleted from page pool		42
FREMTOTL	BINARY	STAT	4	AVG	No	Number of FREEMAIN requests		6
GDSAACTIVE	BINARY	STAT	8	AVG	No	The current GDSA active		50
GETMTOTL	BINARY	STAT	4	AVG	No	Number of GETMAIN requests		5
GETSTORSIZE	BINARY	STAT	8	AVG	No	The GETSTOR request size		47
HWMALLOC	BINARY	STAT	8	AVG	No	Peak DSA allocation		39
HWMASACTIVE	BINARY	STAT	8	AVG	No	The HWM address space that can be addressed		49
HWMCMNSSUSRS	BINARY	STAT	4	AVG	No	Peak number of common subspace users		37
HWMFREE	BINARY	CPSM	8	AVG	No	Peak amount of free storage available		30
HWMGDSAACTIVE	BINARY	STAT	8	AVG	No	The peak GDSA active		51
HWMUNQSSUSRS	BINARY	STAT	4	AVG	No	Peak number of unique subspace users		34
LIMIT	BINARY	STAT	8	AVG	Yes	Maximum size of DSA		24
LOCATION	EYUDA	STAT	4	LIKE	No	Dynamic storage area (DSA) location		21
LOCATION Output valid values	ABOVE, BELOW, ABOVEBAR							
LWMFREE	BINARY	CPSM	8	AVG	No	Smallest amount of free storage available		31
MEMLIMIT	CNUMERIC	STAT	8	AVG	No	Maximum amount of above the bar storage		46
NAME-1	CHAR	STAT	8	DIFF	Yes	Dynamic storage area (DSA)		1
NSTGCURR	BINARY	STAT	4	AVG	No	Number of current suspended storage requests		11
NSTGTOTL	BINARY	STAT	4	AVG	No	Number of times NOSTORAGE returned		9
PCTFREE	PERCENT	CPSM	4	AVG	No	Percentage of available total storage		26
PGMONIU	BINARY	STAT	4	AVG	No	Storage occupied by not-in-use programs		4
POOLPCTFREE	PERCENT	CPSM	4	AVG	No	Percentage of available pool storage		25
REQSWAITMVS	BINARY	STAT	4	AVG	No	Number of requests for MVS storage causing wait		44
RNTPGPROTECT	CVDAS	STAT	4	LIKE	No	Reentrant program protection status		28
RNTPGPROTECT Output valid values	REENTPROT, NOREENTPROT							
SIZE	BINARY	INQ	8	AVG	No	Subpool size		2
STGCRELC	BINARY	STAT	4	AVG	No	Number of times cushion released		14
STGFSIZE	BINARY	STAT	8	AVG	No	Free storage size		18
STGHWM	BINARY	STAT	8	AVG	No	Peak size of DSA		23

Table 43. CICSDSA resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
STGLSIZE	BINARY	STAT	8	AVG	No	Largest free area size		19
STGNSUBP	BINARY	STAT	4	AVG	No	Number of current subpools		17
STGPROTECT	CVDAS	STAT	4	LIKE	No	Storage protection status		27
STGPROTECT Output valid values	ACTIVE, INACTIVE							
STGPMCNT	BINARY	STAT	4	AVG	No	Number of tasks purged while waiting		13
STGSHWM	BINARY	STAT	4	AVG	No	Peak number of suspended storage requests		12
STGSOSC	BINARY	STAT	4	AVG	No	Short on storage count		15
STGSOST	INTTSTP	STAT	8	MAX	No	Total time CICS was short on storage		16
STGSTOTL	BINARY	STAT	4	AVG	No	Number of times requests were suspended		10
STGVTOTL	BINARY	STAT	4	AVG	No	Number of storage violations		20
TIMWAITMVS	INTTSTP	STAT	8	AVG	No	Total time waiting for MVS storage		43
TRNISOLATION	CVDAS	STAT	4	LIKE	No	Transaction isolation status		29
TRNISOLATION Output valid values	ACTIVE, INACTIVE							

CICSPAGP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

304

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0130

Table 44. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 44. Valid CPSM operations (continued)

GET	None	N/A
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Table 45. CICSPAGP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
AVGTIMESOS	INTTSTP	CPSM	8	AVG	No	Average time spent short-on-storage (SOS)	62
GMNOTSATIMM	BINARY	CPSM	8	AVG	No	Total of non-immediate GETMAIN requests	56
LPCTFREE	PERCENT3	CPSM	4	AVG	No	Lowest size of free storage as percentage of total	53
PCTCREL2GM	PERCENT3	CPSM	4	AVG	No	Percentage of cushion releases	59
PCTFREE	PERCENT3	CPSM	4	AVG	No	Size of free storage as percentage of total	51
PCTGMNOT2RQ	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN requests failing	57
PCTGMPURGED	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN requests purged	58
PCTLFA2DSA	PERCENT3	CPSM	4	AVG	No	Size of largest free area as percentage of DSA	66
PCTSTGDSA	PERCENT3	CPSM	4	AVG	No	Percentage of DSA storage above/below 16MB	49
PPCTFREE	PERCENT3	CPSM	4	AVG	No	Peak size of free storage as percentage of total	52
PPCTSTGDSA	PERCENT3	CPSM	4	AVG	No	Peak DSA storage as percentage of total peak	50
RATECREL	RATE3	CPSM	8	AVG	No	Rate of cushion releases	61
RATEEXTSA	RATE3	CPSM	8	AVG	No	Rate of extent increase	64
RATEEXTSR	RATE3	CPSM	8	AVG	No	Rate of releasing extents	65
RATEFM	RATE3	CPSM	8	AVG	No	Rate of FREEMAIN requests	55
RATEGM	RATE3	CPSM	8	AVG	No	Rate of GETMAIN requests	54
RATESTORVIOL	RATE3	CPSM	8	AVG	No	Rate of storage violations	63
SMSACCESS	EYUDA	STAT	4	LIKE	No	Type of access of DSA	24
SMSACCESS Output valid values	CICS, USER, READONLY						
SMSASR	BINARY	STAT	4	AVG	No	Number of ADD_SUBPOOL requests	30
SMSCREL	BINARY	STAT	4	AVG	No	Number of cushion releases	36
SMSCRISS	BINARY	STAT	4	AVG	No	Number of requests returning no storage	32
SMSCSIZE	BINARY	STAT	4	AVG	No	Current cushion size	27
SMSCSSCUM	BINARY	STAT	4	AVG	No	Total number of common subspace users	15
SMSCSSCUR	BINARY	STAT	4	AVG	No	Current number of common subspace users	14
SMSCSSHWM	BINARY	STAT	4	AVG	No	Peak number of common subspace users	16
SMSCSUBP	BINARY	STAT	4	AVG	No	Current number of subpools	40
SMSDSALIMIT	BINARY	STAT	4	AVG	No	Current DSA limit	17
SMSDSANAME-1	CHAR	STAT	8	DIFF	Yes	Name of DSA in which the page pool is located	5
SMSDSASZ	BINARY	STAT	4	AVG	No	Current size of DSA	25
SMSDSATOTAL	BINARY	STAT	4	AVG	No	Current DSA total	19
SMSDSR	BINARY	STAT	4	AVG	No	Number of DELETE_SUBPOOL requests	31
SMSSEDSALIMIT	BINARY	STAT	4	AVG	No	Current EDSA limit	18

Table 45. CICSPAGP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SMSSEDSATOTAL	BINARY	STAT	4	AVG	No	Current EDSA total	20
SMSEXTS	BINARY	STAT	4	AVG	No	Current number of extents	46
SMSEXTSA	BINARY	STAT	4	AVG	No	Number of extents added	47
SMSEXTSR	BINARY	STAT	4	AVG	No	Number of extents released	48
SMSFMREQ	BINARY	STAT	4	AVG	No	Number of FREEMAIN requests	29
SMSFSTG	BINARY	STAT	4	AVG	No	Size of free storage including cushion	41
SMSGMREQ	BINARY	STAT	4	AVG	No	Number of GETMAIN requests	28
SMSHWMDSASZ	BINARY	STAT	4	AVG	No	Peak DSA size	26
SMSHWMDSATOT	BINARY	STAT	4	AVG	No	Peak storage allocated to DSAs	21
SMSHWMEDSATO	BINARY	STAT	4	AVG	No	Peak storage allocated to EDSAs	22
SMSHWMFSTG	BINARY	STAT	4	AVG	No	Peak size of free storage	42
SMSHWMSS	BINARY	STAT	4	AVG	No	Peak number of requests suspended	34
SMSLFA	BINARY	STAT	4	AVG	No	Largest free area in DSA	44
SMSLOCN	EYUDA	STAT	4	LIKE	No	DSA location above/below 16MB line	23
SMSLOCN Output valid values	ABOVE, BELOW						
SMSLWMFSTG	BINARY	STAT	4	AVG	No	Smallest size of free storage	43
SMSNPAGP	BINARY	STAT	2	AVG	No	Number of page pools	6
SMSPWWS	BINARY	STAT	4	AVG	No	Number of tasks purged waiting storage	35
SMSRENTPGM	EYUDA	STAT	4	LIKE	No	Reentrant program protection status	9
SMSRENTPGM Output valid values	REENTPROT, NOREENTPROT						
SMSOSS	BINARY	STAT	4	AVG	No	Number of times short-on-storage (SOS) occurred	37
SMSSTGPROT	EYUDA	STAT	4	LIKE	No	Storage protection status	8
SMSSTGPROT Output valid values	ACTIVE, INACTIVE						
SMSSV	BINARY	STAT	4	AVG	No	Number of storage violations	45
SMSTRANISO	EYUDA	STAT	4	LIKE	No	Transaction isolation status	10
SMSTRANISO Output valid values	ACTIVE, INACTIVE						
SMSTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short-on-storage (SOS)	39
SMSUCSS	BINARY	STAT	4	AVG	No	Number of conditional requests suspended	33
SMSUSSCUM	BINARY	STAT	4	AVG	No	Total of unique subspace users	12
SMSUSSCUR	BINARY	STAT	4	AVG	No	Current number of unique subspace users	11
SMSUSSHWM	BINARY	STAT	4	AVG	No	Peak number of unique subspace users	13

CICSPLEX Resource Table

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

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

External resource name

Length
48

Usage API

API view
No

CMAS context
Yes

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2449

Table 46. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 47. CICSplex resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ACCESSTYPE	EYUDA	CPSM	4	LIKE	No	Type of access from this CMAS to local CMAS	8
ACCESSTYPE Output valid values	N_A, LOCAL, ADJACENT, INDIRECT						
CMASNAME-2	CHAR	CPSM	8	DIFF	Yes	CMAS	5
MPSTATUS	EYUDA	CPSM	4	LIKE	No	CMAS maintenance point status	9
MPSTATUS Output valid values	YES, NO						
PLEXNAME-1	CHAR	CPSM	8	DIFF	Yes	CICSplex	4
STATUS	EYUDA	CPSM	4	LIKE	No	CMAS status	7
STATUS Output valid values	N_A, INACTIVE, ACTIVE, LOSTCON, CREATING						
SYSID	CHAR	CPSM	4	DIFF	No	CMAS system ID	12
TRANSITCMAS	CHAR	CPSM	8	DIFF	No	First transit CMAS	6
TRANSITCNT	BINARY	CPSM	2	AVG	No	For indirect access CMAS, number of transit CMASs	11

CICSRGN Resource Table

A CICS Resource that describes an active CICS region being managed by CICSplex SM.

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

The following actions are supported:

ARMRESTART

Request an MVS CANCEL of the CICS system with an ARM restart. Note that this action 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.

DELETSHIPED

Control the removal of redundant shipped terminal definitions.

RESETTIME

Reset the internal CICS clock.

SECUREBUILD

Rebuild the ESM security profiles.

SHUTDOWN

Shutdown the CICS system.

The parameter data for the SHUTDOWN action is:

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

where:

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

SNAP

Request a system dump.

The parameter data for the SNAP action is:

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

where:

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

STATISTICS

Request statistics processing.

The parameter data for the STATISTICS action is:

```
PARM('ALL [RESETNOW] |
      [AUTOINSTALL] [CONNECTION] [DISPATCHER] [DTBACKOUT] [FILE]
      [IRCBATCH] [JOURNAL] [LSRPOOL] [MONITOR] [PROGRAM]
      [STATISTICS] [STORAGE] [SYSDUMP] [TABLEMGR] [TASKCONTROL]
      [TRANCLASS] [TRANDATA] [TERMINAL] [TRANDUMP] [TRANSACTION]
      [TEMPSTOR] [VTAM] [FEPI] [PROGAUTOINS].')
```

SWITCH

Switch auxiliary tracing from one data set to the other.

External resource name

Length

976

Usage API or EVALDEF

API view

Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0001

Table 48. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	SHUTDOWN	DUMP	No
		IMMEDIATE	No
		NORESTART	No
		NORMAL	No
		NOSDTRAN	No
		PLT(value)	No
		SDTRAN(value)	No
		TAKEOVER	No
		XLT(value)	No
	SNAP	CALLER(value)	No
		DUMPCODE(value)	Yes
		TITLE(value)	No
	SWITCH	None	N/A
	RESETTIME	None	N/A
	SECREBUILD	None	N/A
	DELETSHIPED	None	N/A
	STATISTICS	ALL	No
		AUTOINSTALL	No
		BEAN	No
		CONNECTION	No
		CORBASERVER	No
		DB2	No
		DISPATCHER	No
		DOCTEMP	No
		DTBACKOUT	No
		ENQUEUE	No
		FEPI	No
		FILE	No
		IPCONN	No
		IRCBATCH	No
		JOURNAL	No
		JRNLNAME	No
		JVMPOOL	No
		JVMPROFILE	No
		JVMPROGRAM	No
		LIBRARY	No
		LSRPOOL	No
		MONITOR	No
		MQCONN	No

Table 48. Valid CPSM operations (continued)

	PIPELINE	No
	PROGAUTOINS	No
	PROGRAM	No
	RECOVERY	No
	REQUESTMODEL	No
	RESETNOW	No
	STATISTICS	No
	STORAGE	No
	STREAMNAME	No
	SYSDUMP	No
	TABLEMGR	No
	TASKCONTROL	No
	TCPIP	No
	TCPIPSERVICE	No
	TEMPSTOR	No
	TERMINAL	No
	TRANCLASS	No
	TRANDATA	No
	TRANDUMP	No
	TRANSACTION	No
	URIMAP	No
	VTAM	No
	WEBSERVICE	No
ARMRESTART	None	N/A

Table 49. CICS RGN FEEDBACK error codes

Value	Code	Description	Value	Code	Description
12	INV_CONTEXT	Context not found	21	ACTNOT_SUPPORTED	ARM not supported
22	RESOURCE_REQUIRED	Resource required	23	SYSTEM_NOT_ACTIVE	System not active
24	ARM_NOT_AVAILABLE	ARM invalid for Operating System	25	ARM_NOT_AVAILABLE_CICSREL	ARM invalid for CICS Release
26	ARM_NOT_REGISTERED	ARM not registered for ARM	27	ARM_NOT_ACTIVE	ARM restart unavailable - ARM not active on system
28	ARM_POLICY_CHECK	Current ARM policy prohibits ARM restart of this MAS	29	ALL_REQUIRED	Collect all statistics required

Table 50. CICS RGN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ACTHPTCBS	BINARY	INQ	4	AVG	No	Number of currently allocated HP pool TCBs	E640P105	165
ACTJVMTCBS	BINARY	INQ	4	AVG	No	Number of currently allocated JVM pool TCBs		165

Table 50. CICS/SGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
ACTOPENTCBS	BINARY	INQ	4	AVG	No	Number of currently allocated Open pool TCBs		155
ACTSSLTCBS	BINARY	INQ	4	AVG	No	Number of currently allocated SSL pool TCBs		171
ACTXPTCBS	BINARY	INQ	4	AVG	No	Number of currently allocated XPLink pool TCBs		169
AINSCREQ	BINARY	INQ	4	AVG	No	Number of current autoinstall requests		25
AINSMREQ	BINARY	INQ	4	AVG	Yes	Maximum number of autoinstall requests		26
AINSPROG	CHAR	INQ	8	DIFF	Yes	Autoinstall program name		24
AINSSTAT	CVDAS	INQ	4	LIKE	No	Autoinstall enabled status		27
AINSSTAT Output valid values	ENABLED, DISABLED							
AKP	CNUMERIC	INQ	4	MAX	Yes	Activity keypoint (AKP) frequency		4
AMAXTASKS	BINARY	INQ	4	AVG	Yes	Maximum number of active tasks	E410P	155
APPLID	CHAR	INQ	8	DIFF	No	VTAM application ID		2
AUXSTATUS	CVDAS	INQ	4	LIKE	Yes	Auxiliary trace status		39
AUXSTATUS Input/output valid values	AUXSTART, AUXSTOP, AUXPAUSE							
CICSSTATUS	CVDAS	INQ	4	LIKE	No	CICS status		7
CICSSTATUS Output valid values	STARTUP, ACTIVE, FIRSTQUIESCE, FINALQUIESCE, CONTROLSHUT, SHUTDOWN, CANCELLED, FIRSTINIT, SECONDINIT, THIRDINIT, INITCOMPLETE							
CICSSYS	CHAR	INQ	1	DIFF	No	CICS operating system ID		17
CMDPROTECT	CVDAS	INQ	4	LIKE	No	Command protection status		141
CMDPROTECT Output valid values	CMDPROT, NOCMDPROT							
COLDSTATUS	CVDAS	INQ	4	LIKE	No	Cold start status		161
COLDSTATUS Output valid values	COLD, INITIAL, NOTAPPLIC							
CONSOLES	CVDAS	INQ	4	LIKE	Yes	Autoinstall console status		157
CONSOLES Input/output valid values	PROGAUTO, FULLAUTO, NOAUTO							
CONVERSEST	CVDAS	INQ	4	LIKE	Yes	Separate conversational task performance records		98
CONVERSEST Input/output valid values	CONVERSE, NOCONVERSE							
CPUTIME	INTUSEC	CPSM	8	MAX	No	Total CPU time used		75
CTSLEVEL	CHAR	INQ	6	DIFF	No	CICS Transaction Server level		149
CURACTVUSRTR	BINARY	STAT	4	AVG	No	Current number of active user transactions		112
CURAUXTDS	CHAR	INQ	1	DIFF	No	Current auxiliary trace dataset		87
CURQUEDUSRTR	BINARY	STAT	4	AVG	No	Current number of queued user transactions		113
CURQUETIME	INTTSTP	STAT	8	MAX	No	Time currently queued transactions waiting		119

Table 50. CICSRRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
CURRAMAX	BINARY	STAT	2	AVG	No	Current number of user tasks eligible for dispatch	E410P	515
CURRENTDDS	CHAR	INQ	1	DIFF	No	Current dump data set		85
CURRTASKS	BINARY	INQ	4	AVG	No	Current number of tasks		110
CUTCBCNT	BINARY	STAT	2	AVG	No	Number of MVS task control blocks (TCBs)	E410P	515
DDSOSTAT	CVDAS	INQ	4	LIKE	Yes	Dump data set open status		28
DDSOSTAT Input/output valid values	OPEN, CLOSED							
DDSOSTAT Input valid values	SWITCH							
DDSSSTAT	CVDAS	INQ	4	LIKE	Yes	Dump data set switch type		29
DDSSSTAT Input/output valid values	SWITCHNEXT, NOSWITCH							
DEBUGTOOL	CVDAS	INQ	4	LIKE	Yes	Debugging profiles status		167
DEBUGTOOL Input/output valid values	DEBUG, NODEBUG							
DFLTREMSYS	CHAR	INQ	4	DIFF	Yes	Default remote system	E330P	1145
DFLTUSER	CHAR	INQ	8	DIFF	No	Default user ID		103
DSIDLE	DECTIME	INQ	4	MAX	Yes	Minimum terminal idle-time before deletion		147
DSINTERVAL	DECTIME	INQ	4	MAX	Yes	Idle terminal check interval		148
DSRTPROGRAM	CHAR	INQ	8	DIFF	Yes	Distributed routing program		156
DTRPROGRAM	CHAR	INQ	8	DIFF	Yes	Dynamic routing program name		12
ENDOFDAY	DECTIME	INQ	4	AVG	Yes	Statistics end-of-day time		35
EVENTCLASS	CVDAS	INQ	4	LIKE	Yes	SYSEVENT monitoring status	E620P	315
EVENTCLASS Input/output valid values	EVENT, NOEVENT							
EXCEPTCLASS	CVDAS	INQ	4	LIKE	Yes	Exception class monitoring status		32
EXCEPTCLASS Input/output valid values	EXCEPT, NOEXCEPT							
EXITTIME	BINARY	INQ	4	AVG	Yes	Exit wait time		22
EXTSEC	CVDAS	INQ	4	LIKE	No	External security status		9
EXTSEC Output valid values	EXTSECURITY, CICSSECURITY, NOSECURITY							
FORCEQR	CVDAS	INQ	4	LIKE	Yes	Force quasi-reentrancy		153
FORCEQR Input/output valid values	FORCE, NOFORCE							
FREQUENCY	DECTIME	INQ	4	AVG	Yes	Performance record interval		99
GARBAGEINT	BINARY	INQ	4	AVG	Yes	Web domain garbage collection interval		159
GMMLENGTH	BINARY	INQ	2	AVG	No	Good morning message length		137
GMMTEXT	CHAR	INQ	246	DIFF	Yes	Good morning message		136
GMMTRANID	CHAR	INQ	4	DIFF	No	Good morning transaction ID		13

Table 50. CICS RGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
GRNAME	CHAR	INQ	8	DIFF	No	CICS registered generic name		138
GRSTATUS	CVDAS	INQ	4	LIKE	Yes	Generic resource registration status		139
GRSTATUS Input/output valid values	DEREGISTERED							
GRSTATUS Output valid values	REGISTERED, UNREGISTERED, UNAVAILABLE, REGERROR, DEREGERROR							
GTFSTATUS	CVDAS	INQ	4	LIKE	Yes	Generalized Tracing Facility (GTF) trace status		40
GTFSTATUS Input/output valid values	GTFSTART, GTFSTOP							
INITIALDDS	CHAR	INQ	1	DIFF	Yes	Initial dump data set		86
INITSTATUS	CVDAS	INQ	4	LIKE	No	Initialization status		133
INITSTATUS Output valid values	FIRSTINIT, SECONDINIT, THIRDINIT, INITCOMPLETE							
INTERVAL	DECTIME	INQ	4	AVG	Yes	Statistics recording interval		36
INTSTATUS	CVDAS	INQ	4	LIKE	Yes	Internal trace status		41
INTSTATUS Input/output valid values	INTSTART, INTSTOP							
INTVTRANS	BINARY	STAT	4	AVG	No	Transactions run since last CICS statistics reset		135
IRCSTAT	CVDAS	INQ	4	LIKE	Yes	Interregion communication (IRC) status		30
IRCSTAT Input/output valid values	OPEN, CLOSED							
IRCSTAT Input valid values	IMMCLOSE							
IRCSTAT Output valid values	CLOSING, IMMCLOSING							
JOBNAME	CHAR	INQ	8	DIFF	No	Job name		1
LASTRESET	BINARY	STAT	8	AVG	No	Last statistics reset time	E410P	55S
LDGLBSOU	BINARY	STAT	4	AVG	No	LIBRARY search order updates	E640	177
LDGLSORT	BINARY	STAT	4	AVG	No	LIBRARY search order update time	E640	179
LDGLWSOU	BINARY	STAT	4	AVG	No	Load requests waited due to search order update	E640	178
LOADHWMC	BINARY	STAT	4	AVG	No	Number of times maximum suspended tasks reached		62
LOADHMMW	BINARY	STAT	4	AVG	No	Peak number of tasks waiting for load requests		61
LOADPNIU	BINARY	STAT	4	AVG	No	Number of programs on not-in-use queue		67
LOADREQS	BINARY	STAT	4	AVG	No	Number of load requests		56
LOADRNIU	BINARY	STAT	4	AVG	No	Number of reclaims from not-in-use queue		68
LOADTIME	INT16US	STAT	4	MAX	No	Total loading time		57
LOADTNIU	INTTSTP	STAT	8	MAX	No	Total time to remove not-in-use programs		66
LOADWAIT	INT16US	STAT	4	MAX	No	Total load waiting time		63

Table 50. CICS/SGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
LOADWCNT	BINARY	STAT	4	AVG	No	Number of tasks waiting for load requests		60
LUCURR	BINARY	STAT	4	AVG	No	Number of LUs currently logged on		91
LUHWM	BINARY	STAT	4	AVG	No	Highest number of LUs logged on at any one time		92
MAXHPTCBS	BINARY	INQ	4	AVG	Yes	Maximum number of HP pool TCBs	E640P168	168
MAXJVMTCBS	BINARY	INQ	4	AVG	Yes	Maximum number of JVM pool TCBs		164
MAXOPENTCBS	BINARY	INQ	4	AVG	Yes	Maximum number of Open pool TCBs		154
MAXSSLTCBS	BINARY	INQ	4	AVG	Yes	Maximum number of SSL pool TCBs		170
MAXTASKS	BINARY	INQ	4	AVG	Yes	Maximum number of active and suspended tasks		6
MAXTRCNT	BINARY	STAT	4	AVG	No	Number of times MAXTASK limit reached		111
MAXXPTCBS	BINARY	INQ	4	AVG	Yes	Maximum number of XPLink pool TCBs		168
MEMLIMIT	CNUMERIC	INQ	8	LIKE	No	Maximum amount of above the bar storage	E640	173
MONRPTTIME	CVDAS	INQ	4	LIKE	No	Time zone for performance class records		102
MONRPTTIME Output valid values	GMT, LOCAL							
MONSTAT	CVDAS	INQ	4	LIKE	Yes	Monitor status		34
MONSTAT Input/output valid values	ON, OFF							
MROBATCH	BINARY	INQ	4	AVG	Yes	Number of MRO requests to be batched		14
MVSSYSID	CHAR	CPSM	4	DIFF	No	MVS system ID		3
MVSSYSNAME	CHAR	CPSM	8	DIFF	No	MVS system name		152
NEXTTIME	DECTIME	INQ	4	AVG	No	Next statistics recording time		37
OPREL	BINARY	INQ	2	AVG	No	Operating system release		15
OPSYS	CHAR	INQ	1	DIFF	No	Operating system		16
OSLEVEL	CHAR	INQ	6	DIFF	No	OS/390 level		150
PAGEIN	BINARY	CPSM	4	AVG	No	Number of page-in requests		76
PAGEOUT	BINARY	CPSM	4	AVG	No	Number of page-out requests		77
PEAKAMAX	BINARY	STAT	2	AVG	No	Peak number of user tasks eligible for dispatch	E410P52S	52S
PEAKTASKS	BINARY	STAT	2	AVG	No	Peak number of tasks in system		50
PEKACTVUSRTR	BINARY	STAT	4	AVG	No	Peak number of active user transaction		114
PEKQUEDUSRTR	BINARY	STAT	4	AVG	No	Peak number of queued user transactions		115
PERFCLASS	CVDAS	INQ	4	LIKE	Yes	Performance class monitoring status		33
PERFCLASS Input/output valid values	PERF, NOPERF							
PLASTRESET	DECTIME	STAT	4	AVG	No	Last reset time		48
PRGMRCMP	BINARY	STAT	4	AVG	No	Number of programs removed by compression		65

Table 50. CICSRRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
PRGMUCNT	BINARY	STAT	4	AVG	No	Number of program uses		58
PRGMWAIT	BINARY	STAT	4	AVG	No	Number of waiting loader requests		59
PROGAUTOATTM	BINARY	STAT	4	AVG	No	Number of program autoinstall attempts		120
PROGAUTOCTLG	CVDAS	INQ	4	LIKE	Yes	Autoinstalled-program catalog type		105
PROGAUTOCTLG Input/output valid values	CTLGALL, CTLGMODIFY, CTLGNONE							
PROGAUTOEXIT	CHAR	INQ	8	DIFF	Yes	Autoinstall program exit name		104
PROGAUTOFAIL	BINARY	STAT	4	AVG	No	Number of failed program autoinstall attempts		122
PROGAUTOINST	CVDAS	INQ	4	LIKE	Yes	Status of autoinstall for programs		106
PROGAUTOINST Input/output valid values	AUTOACTIVE, AUTOINACTIVE							
PROGAUTOXREJ	BINARY	STAT	4	AVG	No	Number of times autoinstall prog request rejected		121
PRSSERRORCNT	BINARY	STAT	4	AVG	No	Number of persistent sessions already unbound		97
PRSSINQCNT	BINARY	STAT	4	AVG	No	Number of CICS persistent-session inquiries		93
PRSSNICCNT	BINARY	STAT	4	AVG	No	Number of VTAM sessions that persisted		94
PRSSOPNCNT	BINARY	STAT	4	AVG	No	Number of persistent sessions successfully restored		95
PRSSUNBDCNT	BINARY	STAT	4	AVG	No	Number of persistent sessions that were terminated		96
PRTYAGING	BINARY	INQ	4	AVG	Yes	Priority aging value		18
PSDINTERVAL	DECTIME	INQ	4	AVG	Yes	Persistent session delay interval		109
RDEBRBLD	BINARY	STAT	4	AVG	No	Number of times LIBRARY reopened and load retried		64
REALSTG	BINARY	CPSM	4	AVG	No	Real storage in use		78
RECORDING	CVDAS	INQ	4	LIKE	Yes	Interval statistics recording status		38
RECORDING Input/output valid values	ON, OFF							
REENTPROTECT	CVDAS	INQ	4	LIKE	No	Reentrant program protection status		140
REENTPROTECT Output valid values	REENTPROT, NOREENTPROT							
RELEASE	CHAR	INQ	4	DIFF	No	CICS Release		19
RLSSTATUS	CVDAS	INQ	4	LIKE	No	Record level sharing (RLS) status		144
RLSSTATUS Output valid values	RLSACTIVE, RLSINACTIVE, NOTAPPLIC							
RRMSSTAT	CVDAS	INQ	4	LIKE	No	Resource recovery management service (RRMS) status		151
RRMSSTAT Output valid values	OPEN, CLOSED							
RUNAWAY	BINARY	INQ	4	AVG	Yes	Runaway time interval		20
SCANDELAY	BINARY	INQ	4	AVG	Yes	Terminal scan delay time		21

Table 50. CICSRRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SDMPSUPP	BINARY	STAT	4	AVG	No	Number of system dumps suppressed		70
SDMPTOTL	BINARY	STAT	4	AVG	No	Number of system dumps taken		69
SDTRAN	CHAR	INQ	4	DIFF	No	Shutdown transaction		146
SHUTSTATUS	CVDAS	INQ	4	LIKE	No	Shutdown status		134
SHUTSTATUS Output valid values	CONTROLSHUT, SHUTDOWN, CANCELLED, NOTAPPLIC							
SINGLESTATUS	CVDAS	INQ	4	LIKE	Yes	Single task trace status		44
SINGLESTATUS Input/output valid values	SINGLEON, SINGLEOFF							
SIORREQ	BINARY	CPSM	8	AVG	No	Number of I/O requests		79
SOSABOVEBAR	CVDAS	INQ	4	LIKE	No	Short on storage status above the bar	E640	174
SOSABOVEBAR Output valid values	SOS, NOTSOS							
SOSABOVELINE	CVDAS	INQ	4	LIKE	No	Short on storage status above the line	E640	175
SOSABOVELINE Output valid values	SOS, NOTSOS							
SOSBELOWLINE	CVDAS	INQ	4	LIKE	No	Short on storage status below the line	E640	176
SOSBELOWLINE Output valid values	SOS, NOTSOS							
SOSSTATUS	CVDAS	INQ	4	LIKE	No	Short on storage status below the bar		142
SOSSTATUS Output valid values	SOS, NOTSOS, SOSABOVE, SOSBELOW							
STARTUP	CVDAS	INQ	4	LIKE	No	Startup type		10
STARTUP Output valid values	COLDSTART, WARMSTART, EMERGENCY, LOGTERM							
STARTUPDATE	DECDATE	INQ	4	AVG	No	Date on which CICS started		108
STGPROT	CVDAS	INQ	4	LIKE	No	Storage protection status		11
STGPROT Output valid values	ACTIVE, INACTIVE							
STRTTIME	DATETIME	CPSM	8	MAX	No	CICS start time		73
SUBSYSTEMID	CHAR	INQ	4	DIFF	No	Subsystem ID used on SYSEVENT class records	E650P	106
SUBTASKS	BINARY	INQ	4	AVG	No	Value set by the SUBTSKS system initialization parameter		166
SWITCHSTATUS	CVDAS	INQ	4	LIKE	Yes	Auxiliary trace data set switch type		42
SWITCHSTATUS Input/output valid values	NOSWITCH, SWITCHNEXT, SWITCHALL							
SYNCPOINTST	CVDAS	INQ	4	LIKE	Yes	Performance record at syncpoint		101
SYNCPOINTST Input/output valid values	SYNCPOINT, NOSYNCPOINT							
SYSDUMP	CVDAS	INQ	4	LIKE	Yes	System dump status		8
SYSDUMP Input/output valid values	SYSDUMP, NOSYSDUMP							

Table 50. CICS RGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SYSID	CHAR	CPSM	4	DIFF	No	CICS system ID		74
SYSTEMSTATUS	CVDAS	INQ	4	LIKE	Yes	System trace status		45
SYSTEMSTATUS Input/output valid values	SYSTEMON, SYSTEMOFF							
TABLESIZE	BINARY	INQ	4	AVG	Yes	Internal trace table size		43
TCEXITSTATUS	CVDAS	INQ	4	LIKE	Yes	CICS VTAM exit trace status		46
TCEXITSTATUS Input/output valid values	TCEXITALL, TCEXITSYSTEM, TCEXITNONE							
TCEXITSTATUS Input valid values	TCEXITALLOFF							
TCEXITSTATUS Output valid values	NOTAPPLIC							
TCPIP	CVDAS	INQ	4	LIKE	Yes	TCP/IP status		158
TCPIP Input/output valid values	OPEN, CLOSED							
TCPIP Input valid values	IMMCLOSE							
TCPIP Output valid values	CLOSING, IMMCLOSING, OPENING							
TDMPSTAMP	BINARY	STAT	4	AVG	No	Number of transaction dumps suppressed		72
TDMPSTOTL	BINARY	STAT	4	AVG	No	Number of transaction dumps taken		71
TIMEOUTINT	BINARY	INQ	4	AVG	Yes	Web domain terminal timeout interval		160
TOTACTVUSRTR	BINARY	STAT	4	AVG	No	Total number of active user transactions		116
TOTDELYUSRTR	BINARY	STAT	4	AVG	No	Total number of queued user transactions		117
TOTLTASKS	BINARY	STAT	8	AVG	No	Total number of tasks		143
TOTQUETIME	INTTSTP	STAT	8	MAX	No	Total time queued transactions waited		118
TRANISOLATE	CVDAS	INQ	4	LIKE	No	Transaction isolation status		107
TRANISOLATE Output valid values	ACTIVE, INACTIVE							
USERSTATUS	CVDAS	INQ	4	LIKE	Yes	User trace status		47
USERSTATUS Input/output valid values	USERON, USEROFF							
VTMACBDOPE	BINARY	STAT	2	AVG	No	Number of times VTAM ACB dynamically opened		84
VTMRPLMAX	DECIMAL	STAT	4	AVG	No	Number of times RPL maximum value was reached		81
VTMRPLPOST	DECIMAL	STAT	2	AVG	No	Maximum number of VTAM RPLs posted		82
VTMSOSCNT	BINARY	STAT	2	AVG	No	Number of times VTAM had short-on-storage status		83
VTMSTATUS	CVDAS	INQ	4	LIKE	Yes	CICS-VTAM connection status		80
VTMSTATUS Input/output valid values	OPEN, CLOSED							

Table 50. CICSRCN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
VTMSTATUS Input valid values	IMMCLOSE, FORCECLOSE							
VTMSTATUS Output valid values	CLOSING, IMMCLOSING, FORCECLOSING, NOTAPPLIC							
XCFGROUP	CHAR	INQ	8	LIKE	No	XCF group ID	E640	172
XRFSTATUS	CVDAS	INQ	4	LIKE	No	Extended recovery facility (XRF) status		23
XRFSTATUS Output valid values	PRIMARY, TAKEOVER, NOTAPPLIC							

CICSSTOR Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

1912

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0135

Table 51. Valid CPSM operations

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

Table 52. CICSSTOR resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	

Table 52. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CAVGTIMESOS	INTTSTP	CPSM	8	AVG	No	Average time spent short-on-storage (SOS) in CDSA	222
CNONIMMGET	BINARY	CPSM	8	AVG	No	Number of CDSA non-immediate GETMAIN requests	216
CRATECREL	RATE3	CPSM	8	AVG	No	CDSA cushion release rate	221
CRATEEXTSA	RATE3	CPSM	8	AVG	No	CDSA extent increase rate	224
CRATEEXTSR	RATE3	CPSM	8	AVG	No	CDSA extent release rate	225
CRATEFM	RATE3	CPSM	8	AVG	No	CDSA FREEMAIN request rate	215
CRATEGM	RATE3	CPSM	8	AVG	No	CDSA GETMAIN request rate	214
CRATESTORV	RATE3	CPSM	8	AVG	No	CDSA storage violation rate	223
ECAVGTIMESOS	INTTSTP	CPSM	8	AVG	No	Average time spent short-on-storage (SOS) in ECDSA	294
ECONIMMGET	BINARY	CPSM	8	AVG	No	Number of ECDSA non-immediate GETMAIN requests	288
ECRATECREL	RATE3	CPSM	8	AVG	No	ECDSA cushion release rate	293
ECRATEEXTSA	RATE3	CPSM	8	AVG	No	ECDSA extent increase rate	296
ECRATEEXTSR	RATE3	CPSM	8	AVG	No	ECDSA extent release rate	297
ECRATEFM	RATE3	CPSM	8	AVG	No	ECDSA FREEMAIN request rate	287
ECRATEGM	RATE3	CPSM	8	AVG	No	ECDSA GETMAIN request rate	286
ECRATESTORV	RATE3	CPSM	8	AVG	No	ECDSA storage violation rate	295
ERAVGTIMESOS	INTTSTP	CPSM	8	AVG	No	Average time spent short-on-storage in ERDSA	348
ERNONIMMGET	BINARY	CPSM	8	AVG	No	Number of ERDSA non-immediate GETMAIN requests	342
ERRATECREL	RATE3	CPSM	8	AVG	No	ERDSA cushion release rate	347
ERRATEEXTSA	RATE3	CPSM	8	AVG	No	ERDSA extent increase rate	350
ERRATEEXTSR	RATE3	CPSM	8	AVG	No	ERDSA extent release rate	351
ERRATEFM	RATE3	CPSM	8	AVG	No	ERDSA FREEMAIN request rate	341
ERRATEGM	RATE3	CPSM	8	AVG	No	ERDSA GETMAIN request rate	340
ERRATESTORV	RATE3	CPSM	8	AVG	No	ERDSA storage violation rate	349
ESAVGTIMESOS	INTTSTP	CPSM	8	AVG	No	Average time spent short-on-storage in ESDSA	330
ESNONIMMGET	BINARY	CPSM	8	AVG	No	Number of ESDSA non-immediate GETMAIN requests	324
ESRATECREL	RATE3	CPSM	8	AVG	No	ESDSA cushion release rate	329
ESRATEEXTSA	RATE3	CPSM	8	AVG	No	ESDSA extent increase rate	332
ESRATEEXTSR	RATE3	CPSM	8	AVG	No	ESDSA extent release rate	333
ESRATEFM	RATE3	CPSM	8	AVG	No	ESDSA FREEMAIN request rate	323
ESRATEGM	RATE3	CPSM	8	AVG	No	ESDSA GETMAIN request rate	322
ESRATESTORV	RATE3	CPSM	8	AVG	No	ESDSA storage violation rate	331
EUAVGTIMESOS	INTTSTP	CPSM	8	AVG	No	Average time spent short-on-storage (SOS) in EUDSA	312
EUNONIMMGET	BINARY	CPSM	8	AVG	No	Number of EUDSA non-immediate GETMAIN requests	306
EURATECREL	RATE3	CPSM	8	AVG	No	EUDSA cushion release rate	311

Table 52. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EURATEEXTSA	RATE3	CPSM	8	AVG	No	EUDSA extent increase rate	314
EURATEEXTSR	RATE3	CPSM	8	AVG	No	EUDSA extent release rate	315
EURATEFM	RATE3	CPSM	8	AVG	No	EUDSA FREEMAIN request rate	305
EURATEGM	RATE3	CPSM	8	AVG	No	EUDSA GETMAIN request rate	304
EURATESTORV	RATE3	CPSM	8	AVG	No	EUDSA storage violation rate	313
GCAVGTIMESOS	INTTSTP	CPSM	8	AVG	No	Average time spent short-on-storage (SOS) in GCDSA	389
GCNONIMMGET	BINARY	CPSM	8	AVG	No	Number of GCDSA non-immediate GETMAIN requests	386
GCRATEFM	RATE3	CPSM	8	AVG	No	GCDSA FREEMAIN request rate	385
GCRATEGM	RATE3	CPSM	8	AVG	No	GCDSA GETMAIN request rate	384
GCRATESTORV	RATE3	CPSM	8	AVG	No	GCDSA storage violation rate	390
LPCTCFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in CDSA	212
LPCTECFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in ECDSA	284
LPCTERFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in ERDSA	338
LPCTESFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in ESDSA	320
LPCTEUFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in EUDSA	302
LPCTRFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in RDSA	266
LPCTSFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in SDSA	248
LPCTUFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in UDSA	230
PCTCCSH	PERCENT3	CPSM	4	AVG	No	Percentage of cushion releases in CDSA	219
PCTCFREE	PERCENT3	CPSM	4	AVG	No	Percentage of free storage in CDSA	210
PCTCGMF	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN failures in CDSA	217
PCTCGMP	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN requests purged in CDSA	218
PCTECCSH	PERCENT3	CPSM	4	AVG	No	Percentage of cushion releases in ECDSA	291
PCTECFREE	PERCENT3	CPSM	4	AVG	No	Percentage of free storage in ECDSA	282
PCTECGMF	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN failures in ECDSA	289
PCTECGMP	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN requests purged in ECDSA	290
PCTERCSH	PERCENT3	CPSM	4	AVG	No	Percentage of cushion releases in ERDSA	345
PCTERFREE	PERCENT3	CPSM	4	AVG	No	Percentage of free storage in ERDSA	336
PCTERGMF	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN failures in ERDSA	343
PCTERGMP	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN requests purged in ERDSA	344
PCTESCSH	PERCENT3	CPSM	4	AVG	No	Percentage of cushion releases in ESDSA	327
PCTESFREE	PERCENT3	CPSM	4	AVG	No	Percentage of free storage in ESDSA	318
PCTESGMF	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN failures in ESDSA	325
PCTESGMP	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN requests purged in ESDSA	326
PCTEUCSH	PERCENT3	CPSM	4	AVG	No	Percentage of cushion releases in EUDSA	309
PCTEUFREE	PERCENT3	CPSM	4	AVG	No	Percentage of free storage in EUDSA	300
PCTEUGMF	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN failures in EUDSA	307

Table 52. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
PCTEUGMP	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN requests purged in EUDSA	308
PCTGCGMF	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN failures in GCDSA	387
PCTGCGMP	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN requests purged in GCDSA	388
PCTLFACDSA	PERCENT3	CPSM	4	AVG	No	Largest percentage of free storage in CDSA	213
PCTLFAECDSA	PERCENT3	CPSM	4	AVG	No	Largest percentage of free storage in ECDSA	285
PCTLFAERDSA	PERCENT3	CPSM	4	AVG	No	Largest percentage of free storage in ERDSA	339
PCTLFAESDSA	PERCENT3	CPSM	4	AVG	No	Largest percentage of free storage in ESDSA	321
PCTLFAEUDSA	PERCENT3	CPSM	4	AVG	No	Largest percentage of free storage in EUDSA	303
PCTLFARDSA	PERCENT3	CPSM	4	AVG	No	Largest percentage of free storage in RDSA	267
PCTLFASDSA	PERCENT3	CPSM	4	AVG	No	Largest percentage of free storage in SDSA	249
PCTLFAUDSA	PERCENT3	CPSM	4	AVG	No	Largest percentage of free storage in UDSA	231
PCTRCSH	PERCENT3	CPSM	4	AVG	No	Percentage of cushion releases in RDSA	273
PCTRFREE	PERCENT3	CPSM	4	AVG	No	Percentage of free storage in RDSA	264
PCTRGMF	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN failures in RDSA	271
PCTRGMP	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN requests purged in RDSA	272
PCTSCSH	PERCENT3	CPSM	4	AVG	No	Percentage of cushion releases in SDSA	255
PCTSFREE	PERCENT3	CPSM	4	AVG	No	Percentage of free storage in SDSA	246
PCTSGMF	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN failures in SDSA	253
PCTSGMP	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN requests purged in SDSA	254
PCTSTGCDSA	PERCENT3	CPSM	4	AVG	No	Percentage of CDSA storage below 16MB	208
PCTSTGECDSA	PERCENT3	CPSM	4	AVG	No	Percentage of storage above 16MB in ECDSA	280
PCTSTGERDSA	PERCENT3	CPSM	4	AVG	No	Percentage of storage above 16MB in ERDSA	334
PCTSTGESDSA	PERCENT3	CPSM	4	AVG	No	Percentage of storage above 16MB in ESDSA	316
PCTSTGEUDSA	PERCENT3	CPSM	4	AVG	No	Percentage of storage above 16MB in EUDSA	298
PCTSTGGCDSA	PERCENT3	CPSM	4	AVG	No	Percentage of storage above the bar in GCDSA	382
PCTSTGRDSA	PERCENT3	CPSM	4	AVG	No	Percentage of storage below 16MB in RDSA	262
PCTSTGSDSA	PERCENT3	CPSM	4	AVG	No	Percentage of storage below 16MB in SDSA	244
PCTSTGUDSA	PERCENT3	CPSM	4	AVG	No	Percentage of storage below 16MB in UDSA	226
PCTUCSH	PERCENT3	CPSM	4	AVG	No	Percentage of cushion releases in UDSA	237
PCTUFREE	PERCENT3	CPSM	4	AVG	No	Percentage of free storage in UDSA	228
PCTUGMF	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN failures in UDSA	235
PCTUGMP	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN requests purged in UDSA	236
PPCTCFREE	PERCENT3	CPSM	4	AVG	No	Peak percentage of free storage in CDSA	211
PPCTECFREE	PERCENT3	CPSM	4	AVG	No	Peak percent of free storage in ECDSA	283

Table 52. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
PPCTERFREE	PERCENT3	CPSM	4	AVG	No	Peak percentage of free storage in ERDSA	337
PPCTESFREE	PERCENT3	CPSM	4	AVG	No	Peak percentage of free storage in ESDSA	319
PPCTEUFREE	PERCENT3	CPSM	4	AVG	No	Peak percentage of free storage in EUDSA	301
PPCTRFREE	PERCENT3	CPSM	4	AVG	No	Peak percentage of free storage in RDSA	265
PPCTSFREE	PERCENT3	CPSM	4	AVG	No	Peak percentage of free storage in SDSA	247
PPCTSTGCDSA	PERCENT3	CPSM	4	AVG	No	Peak percentage in CDSA of peak storage below 16MB	209
PPCTSTGECDSA	PERCENT3	CPSM	4	AVG	No	Peak percent in ECDSA of peak storage above 16MB	281
PPCTSTGERDSA	PERCENT3	CPSM	4	AVG	No	Peak percent in ERDSA of peak storage above 16MB	335
PPCTSTGESDSA	PERCENT3	CPSM	4	AVG	No	Peak percent in ESDSA of peak storage above 16MB	317
PPCTSTGEUDSA	PERCENT3	CPSM	4	AVG	No	Peak percent in EUDSA of peak storage above 16MB	299
PPCTSTGGCDSA	PERCENT3	CPSM	4	AVG	No	Peak percentage in GCDSA of storage above the bar	383
PPCTSTGRDSA	PERCENT3	CPSM	4	AVG	No	Peak percentage in RDSA of peak storage below 16MB	263
PPCTSTGSDSA	PERCENT3	CPSM	4	AVG	No	Peak percentage in SDSA of peak storage below 16MB	245
PPCTSTGUDSA	PERCENT3	CPSM	4	AVG	No	Peak percentage in UDSA of peak storage below 16MB	227
PPCTUFREE	PERCENT3	CPSM	4	AVG	No	Peak percentage of free storage in UDSA	229
RAVGTIMESOS	INTTSTP	CPSM	8	AVG	No	Average time spent short-on-storage (SOS) in RDSA	276
RNONIMMGET	BINARY	CPSM	8	AVG	No	Number of RDSA non-immediate GETMAIN requests	270
RRATECREL	RATE3	CPSM	8	AVG	No	RDSA cushion release rate	275
RRATEEXTSA	RATE3	CPSM	8	AVG	No	RDSA extent increase rate	278
RRATEEXTSR	RATE3	CPSM	8	AVG	No	RDSA extent release rate	279
RRATEFM	RATE3	CPSM	8	AVG	No	RDSA FREEMAIN request rate	269
RRATEGM	RATE3	CPSM	8	AVG	No	RDSA GETMAIN request rate	268
RRATESTORV	RATE3	CPSM	8	AVG	No	RDSA storage violation rate	277
RSVRD12	BINARY	CPSM	4	LIKE	No	Reserved area for alignment - Re-use as required	394
RSVRD6	BINARY	CPSM	4	LIKE	No	Reserved area for alignment	256
SAVGTIMESOS	INTTSTP	CPSM	8	AVG	No	Average time spent short-on-storage (SOS) in SDSA	258
SMSASACTIVE	BINARY	STAT	8	AVG	No	Current address space storage that is addressable	361
SMSATBCUSHLI	BINARY	STAT	8	AVG	No	Cushion limit	366
SMSATBCUSHRE	BINARY	STAT	8	AVG	No	Number of GCDSA cushion releases	365
SMSCASR	BINARY	STAT	4	AVG	No	Number of CDSA ADD_SUBPOOL requests	29
SMSCCREL	BINARY	STAT	4	AVG	No	Number of GCDSA cushion releases	35
SMSCCRISS	BINARY	STAT	4	AVG	No	Number of CDSA requests failing with no storage	31
SMSCCSIZE	BINARY	STAT	4	AVG	No	Current CDSA cushion size	26
SMSCCSUBP	BINARY	STAT	4	AVG	No	Current number of CDSA subpools	38

Table 52. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SMSCDSASZ	BINARY	STAT	4	AVG	No	Current size of CDSA	24
SMSCDSR	BINARY	STAT	4	AVG	No	Number of CDSA DELETE_SUBPOOL requests	30
SMSCEXTS	BINARY	STAT	4	AVG	No	Number of extents in the CDSA	44
SMSCEXTSA	BINARY	STAT	4	AVG	No	Number of CDSA extents added	45
SMSCEXTSR	BINARY	STAT	4	AVG	No	Number of CDSA extents released	46
SMSCFMREQ	BINARY	STAT	4	AVG	No	Number of CDSA FREEMAIN requests	28
SMSCFSTG	BINARY	STAT	4	AVG	No	Size of CDSA free storage including cushion	39
SMSCGMREQ	BINARY	STAT	4	AVG	No	Number of CDSA GETMAIN requests	27
SMSCHWMFSTG	BINARY	STAT	4	AVG	No	Peak free storage level in the CDSA	40
SMSCHWMSS	BINARY	STAT	4	AVG	No	Peak number of CDSA requests suspended	33
SMSCLFA	BINARY	STAT	4	AVG	No	Largest free area in the CDSA	42
SMSCLWMFSTG	BINARY	STAT	4	AVG	No	Lowest free storage level in the CDSA	41
SMSCPWWS	BINARY	STAT	4	AVG	No	Number of CDSA requests purged	34
SMSCSOS	BINARY	STAT	4	AVG	No	Number of times short-on-storage occurred in CDSA	37
SMSCSSCUM	BINARY	STAT	4	AVG	No	Total number of common subspace users	14
SMSCSSCUR	BINARY	STAT	4	AVG	No	Current number of common subspace users	13
SMSCSSHWM	BINARY	STAT	4	AVG	No	Peak number of common subspace users	15
SMSCSV	BINARY	STAT	4	AVG	No	Number of storage violations in the CDSA	43
SMSCTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short-on-storage in the CDSA	36
SMSCUCSS	BINARY	STAT	4	AVG	No	Number of CDSA requests suspended	32
SMSDSALIMIT	BINARY	STAT	4	AVG	Yes	Current DSA limit	16
SMSDSATOTAL	BINARY	STAT	4	AVG	No	Total storage currently allocated to DSAs	18
SMSECASR	BINARY	STAT	4	AVG	No	Number of ECDSA ADD_SUBPOOL requests	121
SMSECCREL	BINARY	STAT	4	AVG	No	Number of ECDSA cushion releases	127
SMSECCRISS	BINARY	STAT	4	AVG	No	Number of ECDSA requests failing with no storage	123
SMSECCSIZE	BINARY	STAT	4	AVG	No	Current ECDSA cushion size	118
SMSECCSUBP	BINARY	STAT	4	AVG	No	Current number of subpools in the ECDSA	130
SMSECDSASZ	BINARY	STAT	4	AVG	No	Current size of ECDSA	116
SMSECDSR	BINARY	STAT	4	AVG	No	Number of ECDSA DELETE_SUBPOOL requests	122
SMSECEXTS	BINARY	STAT	4	AVG	No	Number of ECDSA extents	136
SMSECEXTSA	BINARY	STAT	4	AVG	No	Number of ECDSA extents added	137
SMSECEXTSR	BINARY	STAT	4	AVG	No	Number of ECDSA extents released	138
SMSECFMREQ	BINARY	STAT	4	AVG	No	Number of ECDSA FREEMAIN requests	120
SMSECFSTG	BINARY	STAT	4	AVG	No	Size of ECDSA free storage including cushion	131
SMSECGMREQ	BINARY	STAT	4	AVG	No	Number of ECDSA GETMAIN requests	119
SMSECHWMFSTG	BINARY	STAT	4	AVG	No	Peak ECDSA free storage level	132
SMSECHWMSS	BINARY	STAT	4	AVG	No	Peak number of ECDSA requests suspended	125
SMSECLFA	BINARY	STAT	4	AVG	No	Largest ECDSA free area	134
SMSECLWMFSTG	BINARY	STAT	4	AVG	No	Lowest ECDSA free storage level	133

Table 52. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SMSECPWWS	BINARY	STAT	4	AVG	No	Number of ECDSA requests purged	126
SMSECSOS	BINARY	STAT	4	AVG	No	Number of times short-on-storage occurred in ECDSA	129
SMSECSV	BINARY	STAT	4	AVG	No	Number of ECDSA storage violations	135
SMSECTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short-on-storage in the ECDSA	128
SMSECUCSS	BINARY	STAT	4	AVG	No	Number of ECDSA requests suspended	124
SMSSEDSALIMIT	BINARY	STAT	4	AVG	Yes	Current EDSA limit	17
SMSSEDSATOTAL	BINARY	STAT	4	AVG	No	Total storage currently allocated to EDSAs	19
SMSERASR	BINARY	STAT	4	AVG	No	Number of ERDSA ADD_SUBPOOL requests	190
SMSERCREL	BINARY	STAT	4	AVG	No	Number of ERDSA cushion releases	196
SMSERCRISS	BINARY	STAT	4	AVG	No	Number of ERDSA requests failing with no storage	192
SMSERCSIZE	BINARY	STAT	4	AVG	No	Current ERDSA cushion size	187
SMSERCSUBP	BINARY	STAT	4	AVG	No	Current number of ERDSA subpools	199
SMSERDSASZ	BINARY	STAT	4	AVG	No	Current size of ERDSA	185
SMSERDSR	BINARY	STAT	4	AVG	No	Number of ERDSA DELETE_SUBPOOL requests	191
SMSEREXTS	BINARY	STAT	4	AVG	No	Number of ERDSA extents	205
SMSEREXTSA	BINARY	STAT	4	AVG	No	Number of ERDSA extents added	206
SMSEREXTSR	BINARY	STAT	4	AVG	No	Number of ERDSA extents released	207
SMSERFMREQ	BINARY	STAT	4	AVG	No	Number of ERDSA FREEMAIN requests	189
SMSERFSTG	BINARY	STAT	4	AVG	No	Size of ERDSA free storage including cushion	200
SMSERGMREQ	BINARY	STAT	4	AVG	No	Number of ERDSA GETMAIN requests	188
SMSERHWMFSTG	BINARY	STAT	4	AVG	No	Peak ERDSA free storage level	201
SMSERHWMSS	BINARY	STAT	4	AVG	No	Peak number of ERDSA requests suspended	194
SMSERLFA	BINARY	STAT	4	AVG	No	Largest ERDSA free area	203
SMSERLWMFSTG	BINARY	STAT	4	AVG	No	Lowest ERDSA free storage level	202
SMSERPWWS	BINARY	STAT	4	AVG	No	Number of ERDSA requests purged	195
SMSERSOS	BINARY	STAT	4	AVG	No	Number of times short-on-storage occurred in ERDSA	198
SMSERSV	BINARY	STAT	4	AVG	No	Number of ERDSA storage violations	204
SMSERTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short-on-storage (SOS) in ERDSA	197
SMSERUCSS	BINARY	STAT	4	AVG	No	Number of ERDSA requests suspended	193
SMSESASR	BINARY	STAT	4	AVG	No	Number of ESDSA ADD_SUBPOOL requests	167
SMSESCREL	BINARY	STAT	4	AVG	No	Number of ESDSA cushion releases	173
SMSESCRIS	BINARY	STAT	4	AVG	No	Number of ESDSA requests failing with no storage	169
SMSESCSIZE	BINARY	STAT	4	AVG	No	Current ESDSA cushion size	164
SMSESCSUBP	BINARY	STAT	4	AVG	No	Current number of ESDSA subpools	176
SMSSEDSASZ	BINARY	STAT	4	AVG	No	Current size of ESDSA	162
SMSSEDSR	BINARY	STAT	4	AVG	No	Number of ESDSA DELETE_SUBPOOL requests	168

Table 52. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SMSESEXTS	BINARY	STAT	4	AVG	No	Number of ESDSA extents	182
SMSESEXTSA	BINARY	STAT	4	AVG	No	Number of ESDSA extents added	183
SMSESEXTSR	BINARY	STAT	4	AVG	No	Number of ESDSA extents released	184
SMSESEFMREQ	BINARY	STAT	4	AVG	No	Number of ESDSA FREEMAIN requests	166
SMSESFSTG	BINARY	STAT	4	AVG	No	ESDSA free storage including cushion	177
SMSESGMREQ	BINARY	STAT	4	AVG	No	Number of ESDSA GETMAIN requests	165
SMSESHWMFSTG	BINARY	STAT	4	AVG	No	Peak ESDSA free storage level	178
SMSESHWMSS	BINARY	STAT	4	AVG	No	Peak number of ESDSA requests suspended	171
SMSESLFA	BINARY	STAT	4	AVG	No	Largest ESDSA free area	180
SMSESLWMFSTG	BINARY	STAT	4	AVG	No	Lowest ESDSA free storage level	179
SMSESPWWS	BINARY	STAT	4	AVG	No	Number of ESDSA requests purged	172
SMSESSOS	BINARY	STAT	4	AVG	No	Number of times short-on-storage occurred in ESDSA	175
SMSESSV	BINARY	STAT	4	AVG	No	Number of ESDSA storage violations	181
SMSESTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short-on-storage in the ESDSA	174
SMSESUCSS	BINARY	STAT	4	AVG	No	Number of ESDSA requests suspended	170
SMSEUASR	BINARY	STAT	4	AVG	No	Number of EUDSA ADD_SUBPOOL requests	144
SMSEUCREL	BINARY	STAT	4	AVG	No	Number of EUDSA cushion releases	150
SMSEUCRISS	BINARY	STAT	4	AVG	No	Number of EUDSA requests failing with no storage	146
SMSEUCSIZE	BINARY	STAT	4	AVG	No	Current EUDSA cushion size	141
SMSEUCSUBP	BINARY	STAT	4	AVG	No	Current number of EUDSA subpools	153
SMSEUDSASZ	BINARY	STAT	4	AVG	No	Current size of EUDSA	139
SMSEUDSR	BINARY	STAT	4	AVG	No	Number of EUDSA DELETE_SUBPOOL requests	145
SMSEUEXTS	BINARY	STAT	4	AVG	No	Number of EUDSA extents	159
SMSEUEXTSA	BINARY	STAT	4	AVG	No	Number of EUDSA extents added	160
SMSEUEXTSR	BINARY	STAT	4	AVG	No	Number of EUDSA extents released	161
SMSEUFMREQ	BINARY	STAT	4	AVG	No	Number of EUDSA FREEMAIN requests	143
SMSEUFSTG	BINARY	STAT	4	AVG	No	Size of EUDSA free storage including cushion	154
SMSEUGMREQ	BINARY	STAT	4	AVG	No	Number of EUDSA GETMAIN requests	142
SMSEUHWMFSTG	BINARY	STAT	4	AVG	No	Peak EUDSA free storage level	155
SMSEUHWMS	BINARY	STAT	4	AVG	No	Peak number of EUDSA requests suspended	148
SMSEULFA	BINARY	STAT	4	AVG	No	Largest EUDSA free area	157
SMSEULWMFSTG	BINARY	STAT	4	AVG	No	Lowest EUDSA free storage level	156
SMSEUPWWS	BINARY	STAT	4	AVG	No	Number of EUDSA requests purged	149
SMSEUSOS	BINARY	STAT	4	AVG	No	Number of times short-on-storage occurred in EUDSA	152
SMSEUSV	BINARY	STAT	4	AVG	No	Number of EUDSA storage violations	158
SMSEUTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short-on-storage in the EUDSA	151
SMSEUUCSS	BINARY	STAT	4	AVG	No	Number of EUDSA requests suspended	147

Table 52. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SMSGCASR	BINARY	STAT	4	AVG	No	Number of GCDSA ADD_SUBPOOL requests	371
SMSGCCRISS	BINARY	STAT	4	AVG	No	Number of GCDSA requests failing with no storage	373
SMSGCCSS	BINARY	STAT	4	AVG	No	Current requests suspended for GCDSA storage	375
SMSGCCSUBP	BINARY	STAT	4	AVG	No	Current number of subpools in GCDSA	380
SMSGCDSASZ	BINARY	STAT	8	AVG	No	Current size of GCDSA	367
SMSGCDSR	BINARY	STAT	4	AVG	No	Number of GCDSA DELETE_SUBPOOL requests	372
SMSGCFMREQ	BINARY	STAT	4	AVG	No	Number of GCDSA FREEMAIN requests	370
SMSGCGMREQ	BINARY	STAT	4	AVG	No	Number of GCDSA GETMAIN requests	369
SMSGCHWMSS	BINARY	STAT	4	AVG	No	Peak number of GCDSA requests suspended	376
SMSGCPWWS	BINARY	STAT	4	AVG	No	Number of GCDSA requests purged	377
SMSGCSOS	BINARY	STAT	4	AVG	No	Number of times short-on-storage occurred in GCDSA	378
SMSGCSV	BINARY	STAT	4	AVG	No	Number of GCDSA storage violations	381
SMSGCTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short-on-storage in the GCDSA	379
SMSGCUCSS	BINARY	STAT	4	AVG	No	Number of GCDSA requests suspended	374
SMSGDSAACTIV	BINARY	STAT	8	AVG	No	The current GDSA active	363
SMSGGETSTORSZ	BINARY	STAT	8	AVG	No	The GETSTOR request size	360
SMSHWMASACT	BINARY	STAT	8	AVG	No	The HWM address space that can be addressed	362
SMSHWMCDSA	BINARY	STAT	4	AVG	No	Peak size of CDSA	25
SMSHWMDSATOT	BINARY	STAT	4	AVG	No	Peak amount of storage allocated to DSAs	20
SMSHWMCDSA	BINARY	STAT	4	AVG	No	Peak size of ECDSA	117
SMSHWMEDSATO	BINARY	STAT	4	AVG	No	Peak amount of storage allocated to EDSAs	21
SMSHWMERDSA	BINARY	STAT	4	AVG	No	Peak size of ERDSA	186
SMSHWMESDSA	BINARY	STAT	4	AVG	No	Peak size of ESDSA	163
SMSHWMUDSA	BINARY	STAT	4	AVG	No	Peak size of EUDSA	140
SMSHWMGCDSA	BINARY	STAT	8	AVG	No	Peak size of GCDSA	368
SMSHWMGDSAAC	BINARY	STAT	8	AVG	No	The peak amount of storage available for use above the bar.	364
SMSHWMRDSA	BINARY	STAT	4	AVG	No	Peak size of RDSA	94
SMSHWMSDSA	BINARY	STAT	4	AVG	No	Peak size of SDSA	71
SMSHWMUDSA	BINARY	STAT	4	AVG	No	Peak size of UDSA	48
SMSMEMLIMIT	CNUMERIC	STAT	8	AVG	No	Maximum amount of above bar storage	357
SMSMEMLIMSRC	EYUDA	STAT	4	LIKE	No	The source setting the memory limit.	356
SMSMEMLIMSRC	JCL, REGION, SMF, IEFUSI Output valid values						
SMSNPAGP	BINARY	STAT	2	AVG	No	Number of page pools	5
SMSRASR	BINARY	STAT	4	AVG	No	Number of RDSA ADD_SUBPOOL requests	98
SMSRCREL	BINARY	STAT	4	AVG	No	Number of RDSA cushion releases	104
SMSRCRISS	BINARY	STAT	4	AVG	No	Number of RDSA requests failing with no storage	100
SMSRCSIZE	BINARY	STAT	4	AVG	No	Current RDSA cushion size	95

Table 52. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SMSRCSUBP	BINARY	STAT	4	AVG	No	Current number of RDSA subpools	107
SMSRDSASZ	BINARY	STAT	4	AVG	No	Current size of RDSA	93
SMSRDSR	BINARY	STAT	4	AVG	No	Number of RDSA DELETE_SUBPOOL requests	99
SMSRENTPGM	EYUDA	STAT	4	LIKE	No	Reentrant program protection status	8
SMSRENTPGM Output valid values	REENTPROT, NOREENTPROT						
SMSREXTS	BINARY	STAT	4	AVG	No	Number of RDSA extents	113
SMSREXTSA	BINARY	STAT	4	AVG	No	Number of RDSA extents added	114
SMSREXTSR	BINARY	STAT	4	AVG	No	Number of RDSA extents released	115
SMSRFMREQ	BINARY	STAT	4	AVG	No	Number of RDSA FREEMAIN requests	97
SMSRFSTG	BINARY	STAT	4	AVG	No	Size of RDSA free storage including cushion	108
SMSRGMREQ	BINARY	STAT	4	AVG	No	Number of RDSA GETMAIN requests	96
SMSRHWMFSTG	BINARY	STAT	4	AVG	No	Peak RDSA free storage level	109
SMSRHWMS	BINARY	STAT	4	AVG	No	Peak number of RDSA requests suspended	102
SMSRLFA	BINARY	STAT	4	AVG	No	Largest RDSA free area	111
SMSRLWMFSTG	BINARY	STAT	4	AVG	No	Lowest RDSA free storage level	110
SMSRPWWS	BINARY	STAT	4	AVG	No	Number of RDSA requests purged	103
SMSRQWAITMVS	BINARY	STAT	4	AVG	No	Number of requests for MVS storage causing wait	355
SMSRSOS	BINARY	STAT	4	AVG	No	Number of times short-on-storage occurred in RDSA	106
SMSRSV	BINARY	STAT	4	AVG	No	Number of RDSA storage violations	112
SMSRTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short-on-storage in the RDSA	105
SMSRUCSS	BINARY	STAT	4	AVG	No	Number of RDSA requests suspended	101
SMSSASR	BINARY	STAT	4	AVG	No	Number of SDSA ADD_SUBPOOL requests	75
SMSSCREL	BINARY	STAT	4	AVG	No	Number of SDSA cushion releases	81
SMSSCRISS	BINARY	STAT	4	AVG	No	Number of SDSA requests failing with no storage	77
SMSSCSIZE	BINARY	STAT	4	AVG	No	Current SDSA cushion size	72
SMSSCSUBP	BINARY	STAT	4	AVG	No	Current number of subpools in the SDSA	84
SMSSDSASZ	BINARY	STAT	4	AVG	No	Current size of SDSA	70
SMSSDSR	BINARY	STAT	4	AVG	No	Number of SDSA DELETE_SUBPOOL requests	76
SMSSEXTS	BINARY	STAT	4	AVG	No	Number of extents in the SDSA	90
SMSSEXTSA	BINARY	STAT	4	AVG	No	Number of SDSA extents added	91
SMSSEXTSR	BINARY	STAT	4	AVG	No	Number of SDSA extents released	92
SMSSFREQ	BINARY	STAT	4	AVG	No	Number of SDSA FREEMAIN requests	74
SMSSFSTG	BINARY	STAT	4	AVG	No	Size of SDSA free storage including cushion	85
SMSSGMREQ	BINARY	STAT	4	AVG	No	Number of SDSA GETMAIN requests	73
SMSSHWMFSTG	BINARY	STAT	4	AVG	No	Peak SDSA free storage level	86
SMSSHWMSS	BINARY	STAT	4	AVG	No	Peak number of SDSA requests suspended	79
SMSSLFA	BINARY	STAT	4	AVG	No	Largest SDSA free area	88
SMSSLWMFSTG	BINARY	STAT	4	AVG	No	Lowest SDSA free storage level	87
SMSSOSABAR	CVDAS	INQ	4	LIKE	No	Above the bar SOS indicator	391

Table 52. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SMSOSABAR Output valid values	SOS, NOTSOS						
SMSOSALINE	CVDAS	INQ	4	LIKE	No	Above the line SOS indicator	392
SMSOSALINE Output valid values	SOS, NOTSOS						
SMSOSBLINE	CVDAS	INQ	4	LIKE	No	Below the line SOS indicator	393
SMSOSBLINE Output valid values	SOS, NOTSOS						
SMSOSSTATUS	CVDAS	INQ	4	LIKE	No	Short on storage status	22
SMSOSSTATUS Output valid values	SOS, NOTSOS, SOSABOVE, SOSBELOW						
SMSPWWS	BINARY	STAT	4	AVG	No	Number of SDSA requests purged	80
SMSOSSOS	BINARY	STAT	4	AVG	No	Number of times short-on-storage occurred in SDSA	83
SMSSSV	BINARY	STAT	4	AVG	No	Number of SDSA storage violations	89
SMSSTGPROT	EYUDA	STAT	4	LIKE	No	Storage protection status	7
SMSSTGPROT Output valid values	ACTIVE, INACTIVE						
SMSSTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short-on-storage in the SDSA	82
SMSSUCSS	BINARY	STAT	4	AVG	No	Number of SDSA requests suspended	78
SMSTMWAITMVS	INTTSTP	STAT	8	AVG	No	Total time waiting for MVS storage	354
SMSTRANISO	EYUDA	STAT	4	LIKE	No	Transaction isolation status	9
SMSTRANISO Output valid values	ACTIVE, INACTIVE						
SMSUASR	BINARY	STAT	4	AVG	No	Number of UDSA ADD_SUBPOOL requests	52
SMSUCREL	BINARY	STAT	4	AVG	No	Number of UDSA cushion releases	58
SMSUCRISS	BINARY	STAT	4	AVG	No	Number of UDSA requests failing with no storage	54
SMSUCSIZE	BINARY	STAT	4	AVG	No	Current UDSA cushion size	49
SMSUCSUBP	BINARY	STAT	4	AVG	No	Current number of subpools in the UDSA	61
SMSUDSASZ	BINARY	STAT	4	AVG	No	Current size of UDSA	47
SMSUDSR	BINARY	STAT	4	AVG	No	Number of UDSA DELETE_SUBPOOL requests	53
SMSUEXTS	BINARY	STAT	4	AVG	No	Number of UDSA extents	67
SMSUEXTSA	BINARY	STAT	4	AVG	No	Number of UDSA extents added	68
SMSUEXTSR	BINARY	STAT	4	AVG	No	Number of UDSA extents released	69
SMSUFMREQ	BINARY	STAT	4	AVG	No	Number of UDSA FREEMAIN requests	51
SMSUFSTG	BINARY	STAT	4	AVG	No	Size of UDSA free storage including cushion	62
SMSUGMREQ	BINARY	STAT	4	AVG	No	Number of UDSA GETMAIN requests	50
SMSUHWMFSTG	BINARY	STAT	4	AVG	No	Peak UDSA free storage level	63
SMSUHWMS	BINARY	STAT	4	AVG	No	Peak number of UDSA requests suspended	56
SMSULFA	BINARY	STAT	4	AVG	No	Largest UDSA free area	65
SMSULWMFSTG	BINARY	STAT	4	AVG	No	Lowest UDSA free storage level	64
SMSUPWWS	BINARY	STAT	4	AVG	No	Number of UDSA requests purged	57
SMSUSOS	BINARY	STAT	4	AVG	No	Number of times short-on-storage occurred in UDSA	60
SMSUSSCUM	BINARY	STAT	4	AVG	No	Total number of unique subspace users	11

Table 52. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SMSUSSCUR	BINARY	STAT	4	AVG	No	Current number of unique subspace users	10
SMSUSSHWM	BINARY	STAT	4	AVG	No	Peak number of unique subspace users	12
SMSUSV	BINARY	STAT	4	AVG	No	Number of UDSA storage violations	66
SMSUTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short-on-storage in the UDSA	59
SMSUUCSS	BINARY	STAT	4	AVG	No	Number of UDSA requests suspended	55
SNONIMMGET	BINARY	CPSM	8	AVG	No	Number of SDSA non-immediate GETMAIN requests	252
SRATECREL	RATE3	CPSM	8	AVG	No	SDSA cushion release rate	257
SRATEEXTSA	RATE3	CPSM	8	AVG	No	SDSA extent increase rate	260
SRATEEXTSR	RATE3	CPSM	8	AVG	No	SDSA extent release rate	261
SRATEFM	RATE3	CPSM	8	AVG	No	SDSA FREEMAIN request rate	251
SRATEGM	RATE3	CPSM	8	AVG	No	SDSA GETMAIN request rate	250
SRATESTORV	RATE3	CPSM	8	AVG	No	SDSA storage violation rate	259
UAVGTIMESOS	INTTSTP	CPSM	8	AVG	No	Average time spent short-on-storage (SOS) in UDSA	240
UNONIMMGET	BINARY	CPSM	8	AVG	No	Number of UDSA non-immediate GETMAIN requests	234
URATECREL	RATE3	CPSM	8	AVG	No	UDSA cushion release rate	239
URATEEXTSA	RATE3	CPSM	8	AVG	No	UDSA extent increase rate	242
URATEEXTSR	RATE3	CPSM	8	AVG	No	UDSA extent release rate	243
URATEFM	RATE3	CPSM	8	AVG	No	UDSA FREEMAIN request rate	233
URATEGM	RATE3	CPSM	8	AVG	No	UDSA GETMAIN request rate	232
URATESTORV	RATE3	CPSM	8	AVG	No	UDSA storage violation rate	241

CLCACHE Resource Table

A CICS Resource that provides information about the shared class cache.

There is no key field for this resource class.

The following actions are supported:

PHASEOUT

Mark JVMs for deletion.

PURGE

Terminate all tasks using JVMs in the shared class cache by the SET TASK PURGE mechanism.

FORCEPURGE

Terminate all tasks using JVMs in the shared class cache by the SET TASK FORCEPURGE mechanism.

START

Start the shared class cache.

RELOAD

Reload the shared class cache.

External resource name

Length
80

Usage API or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0139

Table 53. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	PHASEOUT	AUTOSTARTST(ENABLED DISABLED)	DISABLED
	PURGE	AUTOSTARTST(ENABLED DISABLED)	DISABLED
	FORCEPURGE	AUTOSTARTST(ENABLED DISABLED)	DISABLED
	START	CACHESIZE(value)	No
		PROFILE(value)	No
	RELOAD	CACHESIZE(value)	No
		PROFILE(value)	No

Table 54. CLCACHE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
AUTOSTARTST	CVDAS	INQ	4	LIKE	Yes	Autostart status	ENABLED	3
AUTOSTARTST Input/output valid values	ENABLED, DISABLED							
CACHEFREE	BINARY	INQ	8	AVG	No	Amount in bytes, of free space within the cache		7
CACHESIZE	BINARY	INQ	8	AVG	No	Size of the class cache in bytes		6
JVMREQSCACHE	BINARY	STAT	4	AVG	No	JVM requests - class cache		13
OLDCACHES	BINARY	INQ	4	AVG	No	Number of class caches waiting for JVMs to terminate		4
PEAKCACHEJVM	BINARY	STAT	4	AVG	No	Peak worker (class cache) JVMs		12
PHASINGOUT	BINARY	INQ	4	AVG	No	Number of JVMs being phased-out		2
PROFILE	CHAR	INQ	8	DIFF	No	Profile used to start or used to reload the cache		5

Table 54. CLCACHE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
REUSEST	CVDAS	INQ	4	LIKE	No	JVM reuse status		11
REUSEST Output valid values	REUSE, RESET, UNKNOWN							
STARTTIME	DATETIME	INQ	8	MAX	No	The time that the class cache was started		9
STATUS	CVDAS	INQ	4	LIKE	No	Class cache status		8
STATUS Output valid values	STARTED, STARTING, STOPPED, RELOADING							
TOTALJVMS	BINARY	INQ	4	AVG	No	Number of JVMs dependent on the class cache		10

CMASLIST Resource Table

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

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

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

The following actions are supported:

RESETTIME

Reset the internal CICS clock

SHUTDOWN

Shutdown the CMAS

PURGE

Purge incore ESM security profiles

SECRETBUILD

Rebuild the ESM Security profiles

These actions require no unique parameter data.

External resource name

Length

40

Usage

API

API view

No

CMAS context

Yes

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2450

Table 55. Valid CPSM operations

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

Table 56. CMASLIST FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Invalid attribute data	2	REC_NOT_FOUND	Requested resource not found
22	SECURITY_NOT_ACTIVE	Security not active	23	INV_USERID	Userid missing or invalid

Table 57. CMASLIST resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ACCESSTYPE	EYUDA	CPSM	4	LIKE	No	Type of access	9
ACCESSTYPE Output valid values	N_A, LOCAL, ADJACENT, INDIRECT						
CMASNAME-1	CHAR	CPSM	8	DIFF	Yes	CMAS	4
CPSMVER	CHAR	CPSM	4	DIFF	No	CPSM version of CMAS	7
STATUS	EYUDA	CPSM	4	LIKE	No	Status of CMAS	8

Table 57. CMASLIST resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
STATUS Output valid values	N_A, INACTIVE, ACTIVE, LOSTCON, CREATING						
SYSID	CHAR	CPSM	4	DIFF	No	CICS system ID	6
TRANSITCMAS	CHAR	CPSM	8	DIFF	No	First transit CMAS	5
TRANSITCNT	BINARY	CPSM	2	AVG	No	Number of transit CMASs	10

CMASPLEX Resource Table

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

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

The following actions are supported:

FORCEREMPLEX

Remove the CONTEXT CMAS from a CICSplex definition when the MPSTATE is NOTCONNECTED.

REMPLEX

Remove the CONTEXT CMAS from a CICSplex definition when the MPSTATE is VALID.

These action require no unique parameter data.

Length

32

Usage

API

API view

No

CMAS context

Yes

SCOPE applies

No

Only query CMASs in workload

No

Object type

CPSM Manager

Copybook identifier

EYUt2452 or CMASPLEX

Valid API operations

GET

PERFORM

Table 58. CMASPLEX FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 58. CMASPLEX FEEDBACK error codes (continued)

2	REC_NOT_FOUND	Requested resource not found	26	INV_NAMELIST	Invalid name list
27	MAS_ACTIVE	A connected MAS is active	28	NOT_FOUND	CICSplex not found
29	NOT_SUPPORTED	ACTION not supported by CMAS	30	BAD_REMOVE	MPSTATE must be INVALID for REMPLX action
31	BAD_FRCREM	MPSTATE must be NOTCONNECTED for FORCEREMPLX action	32	BAD_ACTION	Invalid ACTION parameter specified

Table 59. CMASPLEX resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
DAYLGHTSV	EYUDA	CPSM	4	LIKE	Daylight savings time in effect	11
DAYLGHTSV Output valid values	YES, NO					
MPCMAS	CHAR	CPSM	8	DIFF	Maintenance point CMAS	18
MPSTATE-2	EYUDA	CPSM	4	LIKE	State of MP CMAS	19
MPSTATE-2 Output valid values	INVALID, NOTCONNECTED					
MPSTATUS	EYUDA	CPSM	4	LIKE	CMAS is maintenance point	5
MPSTATUS Output valid values	YES, NO					
PERFINTVL	BINARY	CPSM	2	AVG	Performance interval duration	7
PLEXNAME-1	CHAR	CPSM	8	DIFF	CICSplex	4
TMEZONE	CHAR	CPSM	1	DIFF	Time zone	10
TMEZONEO	BINARY	CPSM	1	AVG	Time zone offset	9

CMAS Resource Table

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

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

The following actions are supported:

RESETTIME

Reset the internal CICS clock

SHUTDOWN

Shutdown the CMAS

PURGE

Purge incore ESM security profiles

SECRETBUILD

Rebuild the ESM Security profiles

These actions require no unique parameter data.

External resource name**Length**

336

Usage API**API view**

No

CMAS context

Yes

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2451

Table 60. Valid CPSM operations

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

Table 61. CMAS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 61. CMAS FEEDBACK error codes (continued)

1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
5	REC_CHANGED	Resource definition already changed	21	NO_ACTION_TO_PERFORM	No action to perform
22	SECURITY_NOT_ACTIVE	Security not active	23	INV_USERID	Userid missing or invalid

Table 62. CMAS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
AMAXTASK	BINARY	STAT	2	AVG	No	Maximum number of active tasks		30
APPLID	CHAR	CPSM	8	DIFF	No	Application ID		6
AUXSTATUS	CVDAS	INQ	4	LIKE	Yes	Auxiliary trace status		24
AUXSTATUS Input/output valid values	AUXSTART, AUXSTOP, AUXPAUSE							
AUXSWITCH	CVDAS	INQ	4	LIKE	Yes	Auxiliary trace switch status		25
AUXSWITCH Input/output valid values	NOSWITCH, SWITCHALL, SWITCHNEXT							
BASTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Business Application Services (BAS) trace flags		3
CASID	CHAR	CPSM	4	DIFF	No	Local coordinating address space (CAS) ID		9
CASSTATUS	EYUDA	CPSM	4	LIKE	No	Coordinating address space (CAS) connection status		27
CASSTATUS Output valid values	ACTIVE, INACTIVE, WAITING, LOSTCON, NOTAPPLIC							
CHETRACE	BITSTRIP	CPSM	4	LIKE	Yes	Cache services trace flags		37
CMASNAME-1	CHAR	CPSM	8	DIFF	Yes	CMAS		4
COMTRACE	BITSTRIP	CPSM	4	AVG	Yes	Communications trace flags		40
CPSMVER	CHAR	CPSM	4	DIFF	No	CPSM version of CMAS		10
CPUTIME	INTUSEC	CPSM	8	MAX	No	Total CPU time used		12
CURRTASKS	BINARY	STAT	2	AVG	No	Current number of tasks		29
DATRACE	BITSTRIP	CPSM	4	LIKE	Yes	Data repository services trace flags		38
DAYLIGHT	EYUDA	CPSM	4	LIKE	Yes	Daylight savings time		58
DAYLIGHT Input/output valid values	YES, NO							
DREPDSN	CHAR	CPSM	44	DIFF	No	Data repository data set name		48
DREPSTATUS	CVDAS	INQ	4	LIKE	No	Data repository status		21
DREPSTATUS Output valid values	OPEN, CLOSED, OPENING, CLOSING, CLOSEREQUEST							
FREEOSSBCNT	BINARY	CPSM	4	AVG	No	Number of CPSM program-working-storage blocks free		16
FREEOSSBUSE	BINARY	CPSM	4	AVG	No	Number of times free working-storage blocks used		17
GETMAINOSSB	BINARY	CPSM	4	AVG	No	Number of GETMAINS for working-storage blocks		18

Table 62. CMAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
GTFSTATUS	CVDAS	INQ	4	LIKE	Yes	Generalized trace facility (GTF) trace status		26
GTFSTATUS Input/output valid values	GTFSTART, GTFSTOP							
IRCSTATUS	CVDAS	INQ	4	LIKE	Yes	Interregion communication status		20
IRCSTATUS Input/output valid values	OPEN, CLOSED							
IRCSTATUS Input valid values	IMMCLOSE							
IRCSTATUS Output valid values	CLOSING, IMMCLOSING							
JOBNAME	CHAR	CPSM	8	DIFF	No	CMAS job name		5
KNLTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Kernel linkage trace flags		33
MAXSTCB	BINARY	CPSM	4	AVG	No	Maximum number of STCBs allocated		57
MAXTASK	BINARY	STAT	4	AVG	Yes	Maximum number of active and suspended tasks		45
MAXCNT	BINARY	STAT	2	AVG	No	Number of times maximum task limit reached		32
MEMLIMIT	CNUMERIC	INQ	8	LIKE	No	Maximum amount of storage above the bar	E640	67
MONMCONN	BINARY	CPSM	4	AVG	No	Number of pending connection-monitoring queues		49
MONMFILE	BINARY	CPSM	4	AVG	No	Number of pending file-monitoring queues		50
MONMJRNL	BINARY	CPSM	4	AVG	No	Number of pending journal-monitoring queues		51
MONMPROG	BINARY	CPSM	4	AVG	No	Number of pending program-monitoring queues		52
MONMSYS	BINARY	CPSM	4	AVG	No	Number of pending global-monitoring queues		56
MONMTDQ	BINARY	CPSM	4	AVG	No	Number of pending TD-monitoring queues		55
MONMTERM	BINARY	CPSM	4	AVG	No	Number of pending terminal-monitoring queues		53
MONMTRAN	BINARY	CPSM	4	AVG	No	Number of pending transaction-monitoring queues		54
MONTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Monitoring trace flags		42
MSGTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Message services trace flags		35
MVSLOC	CHAR	CPSM	4	DIFF	No	MVS image		7
NETALERT	BINARY	CPSM	8	AVG	No	Number of Netview alerts sent		60
NETVPPI	EYUDA	CPSM	4	LIKE	Yes	Netview PPI to be used		59
NETVPPI Input/output valid values	YES, NO							
PAGEIN	BINARY	CPSM	4	AVG	No	Number of page-in requests		13
PAGEOUT	BINARY	CPSM	4	AVG	No	Number of page-out requests		14
PEAKAMAX	BINARY	STAT	2	AVG	No	Peak number of user tasks eligible for dispatch		31

Table 62. CMAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
QUETRACE	BITSTRIP	CPSM	4	LIKE	Yes	Queue services trace flags		39
REALSTG	BINARY	CPSM	4	AVG	No	Real storage in use		15
RODMNAME	CHAR	CPSM	8	DIFF	No	Resource status facility name		63
RTATRACE	BITSTRIP	CPSM	4	LIKE	Yes	Real time analysis (RTA) trace flags		43
SDUMP	EYUDA	CPSM	4	LIKE	Yes	System dump option		62
SDUMP Input/output valid values	YES, NO, NEVER							
SOSABOVEBAR	CVDAS	INQ	4	LIKE	No	Short on storage status above the bar	E640	68
SOSABOVEBAR Output valid values	SOS, NOTSOS							
SOSABOVELINE	CVDAS	INQ	4	LIKE	No	Short on storage status above the line	E640	69
SOSABOVELINE Output valid values	SOS, NOTSOS							
SOSBELOWLINE	CVDAS	INQ	4	LIKE	No	Short on storage status below the line	E640	70
SOSBELOWLINE Output valid values	SOS, NOTSOS							
SRVTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Common services trace flags		36
STRTTIME	TIMESTP	CPSM	8	MAX	No	Local time at which CMAS was started		11
SYSID	CHAR	CPSM	4	DIFF	No	CICS system ID		8
SYSTEMSTATUS	CVDAS	INQ	4	LIKE	Yes	System trace status		22
SYSTEMSTATUS Input/output valid values	SYSTEMON, SYSTEMOFF							
TIMEZONE	CHAR	CPSM	1	DIFF	Yes	CMAS time zone		46
TOPTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Topology trace flags		41
TOTLTASKS	BINARY	STAT	4	AVG	No	Total number of CICS tasks run in CMAS		28
TRATRACE	BITSTRIP	CPSM	4	LIKE	Yes	Trace services trace flags		34
USERSTATUS	CVDAS	INQ	4	LIKE	Yes	User trace status		23
USERSTATUS Input/output valid values	USERON, USEROFF							
VTAMACB	CVDAS	INQ	4	LIKE	Yes	VTAM ACB open status		19
VTAMACB Input/output valid values	OPEN, CLOSED							
VTAMACB Input valid values	IMMCLOSE, FORCECLOSE							
VTAMACB Output valid values	CLOSING, IMMCLOSING, FORCECLOSING							
WLMTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Workload management trace flags		44
XCFGROUP	CHAR	INQ	8	LIKE	No	XCF group ID	E640	65
ZONEOFFS	BINARY	CPSM	1	DIFF	Yes	CMAS time zone offset		47

CMDMPAPS Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

24

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt4353

Table 63. Valid CPSM operations

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

Table 64. CMDMPAPS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
21	CMAS_NOT_UNIQUE	Association is not unique	22	DUP_ASSOCIATION	Duplicate association

Table 65. CMDMPAPS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
CMASNAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Primary CMAS	5

Table 65. CMDMPAPS resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
SPEC-2	CHAR	CPSM	8	Yes	DIFF	Yes	Analysis point specification	6

CMDMSAPS Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

24

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt4354

Table 66. Valid CPSM operations

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

Table 67. CMDMSAPS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
22	DUP_ASSOCIATION	Duplicate association			

Table 68. CMDMSAPS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
CMASNAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Secondary CMAS	5
SPEC-2	CHAR	CPSM	8	Yes	DIFF	Yes	Analysis point specification	6

CMDT Resource Table

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

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

The following actions are supported:

CLOSE

Close the data table file.

The parameter data for the CLOSE action is:

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

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

```
WAIT
NOWAIT
FORCE
```

DISABLE

Disable the data table file.

The parameter data for the DISABLE action is:

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

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

```
WAIT
NOWAIT
FORCE
```

DISCARD

Discard the data table file.

ENABLE

Enable the data table file.

OPEN

Open the data table file.

External resource name

Length

320

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0041

Table 69. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	CLOSE	BUSY(WAITINOWAITIFORCE	Yes
	DISABLE	BUSY(WAITINOWAITIFORCE	Yes
	DISCARD	None	N/A
	ENABLE	None	N/A
	OPEN	None	N/A

Table 70. CMDT FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid			

Table 71. CMDT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ADD	CVDAS	INQ	4	LIKE	Yes	Add option	2
ADD Input/output valid values	ADDABLE, NOTADDABLE						
ADDcnt	BINARY	STAT	4	AVG	No	Number of WRITE requests	26
ADDfRREAD	BINARY	STAT	4	AVG	No	Number of records added to table by READ requests	34
ADDREJ	BINARY	STAT	4	AVG	No	Number of add requests rejected by user exit	36
ADDREQ	BINARY	STAT	4	AVG	No	Number of records added from WRITE requests	35
ADDtFULL	BINARY	STAT	4	AVG	No	Number of add requests rejected when table full	37
BROWSE	CVDAS	INQ	4	LIKE	Yes	Browse option	3
BROWSE Input/output valid values	BROWSABLE, NOTBROWSABLE						
BROWSEcnt	BINARY	STAT	4	AVG	No	Number of READNEXT and READPREV requests	25
CONTENTION	CNUMERIC	STAT	4	AVG	No	Number of CFDT contentions	66

Table 71. CMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CURCOUNT	BINARY	STAT	4	AVG	No	Current number of records in data table file	41
DATASETTYPE	CHAR	STAT	1	DIFF	No	Data set type	60
DELETE	CVDAS	INQ	4	LIKE	Yes	Delete option	4
DELETE Input/output valid values	DELETABLE, NOTDELETABLE						
DELETEREQ	BINARY	STAT	4	AVG	No	Number of DELETE requests	39
DEXPCNT	BINARY	STAT	4	AVG	No	Number of I/O operations on data component	29
DISPOSITION	CVDAS	INQ	4	LIKE	Yes	Disposition of associated data set	5
DISPOSITION Input/output valid values	OLD, SHARE						
DSNAME	CHAR	INQ	44	DIFF	Yes	Data set name	6
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enablement status	7
ENABLESTATUS Input/output valid values	ENABLED, DISABLED						
ENABLESTATUS Output valid values	UNENABLED, DISABLING, UNENABLING						
FILE-1	CHAR	INQ	8	DIFF	Yes	File ID	1
FWDRECSTATUS	CVDAS	INQ	4	LIKE	No	Forward recovery option	8
FWDRECSTATUS Output valid values	FWDRECOVERABLE, NOTFWDRCVBLE						
GETCNT	BINARY	STAT	4	AVG	No	Number of READ requests	23
GETUPDCNT	BINARY	STAT	4	AVG	No	Number of READ UPDATE requests	24
GMTFILECLS	TIMESTP	STAT	8	MAX	No	GMT file close time	58
GMTFILEOPN	TIMESTP	STAT	8	MAX	No	GMT file open time	57
IEXPCNT	BINARY	STAT	4	AVG	No	Number of I/O operations on index component	30
JOURNALNUM	BINARY	INQ	2	AVG	No	Journal number	51
KEYLENGTH	BINARY	INQ	4	AVG	No	Key length	9
KEYPOSITION	BINARY	INQ	4	AVG	No	Key position	10
LOADTYPE	CVDAS	INQ	4	LIKE	Yes	CFDT load type	65
LOADTYPE Input/output valid values	LOAD, NOLOAD, NOTAPPLIC						
LOCDELNT	BINARY	STAT	4	AVG	No	Number of DELETE requests	28
LSRPOOLID	CHAR	INQ	2	DIFF	Yes	Local shared resources pool ID	53
MAXNUMRECS	BINARY	INQ	4	AVG	Yes	Maximum number of records table can hold	11
MAXTSIZE	BINARY	STAT	4	AVG	No	Maximum table size	40
NUMACTSTRING	BINARY	STAT	2	AVG	No	Number of active strings	56
NUMDATBUFF	BINARY	STAT	2	AVG	No	Number of data buffers	54
NUMINDEXBUFF	BINARY	STAT	2	AVG	No	Number of index buffers	55
NUMSTRINGWT	BINARY	STAT	2	AVG	No	Number of active string waits	59
OPENSTATUS	CVDAS	INQ	4	LIKE	Yes	Open status	12

Table 71. CMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
OPENSTATUS Input/output valid values	OPEN, CLOSED						
OPENSTATUS Output valid values	OPENING, CLOSING, CLOSEREQUEST						
POOLNAME	CHAR	INQ	8	DIFF	Yes	CFDT pool name	62
READ	CVDAS	INQ	4	LIKE	Yes	Read option	13
READ Input/output valid values	READABLE, NOTREADABLE						
READRETRY	BINARY	STAT	4	AVG	No	Number of read retries	42
READS	BINARY	STAT	4	AVG	No	Number of successful reads	32
RECNOTFND	BINARY	STAT	4	AVG	No	Total number of records not found in table	33
RECORDFORMAT	CVDAS	INQ	4	LIKE	No	Record format	14
RECORDFORMAT Output valid values	FIXED, VARIABLE, UNDEFINED						
RECORDSIZE	BINARY	INQ	4	AVG	No	Record size	15
RECOVSTATUS	CVDAS	INQ	4	LIKE	No	Recovery type	16
RECOVSTATUS Output valid values	RECOVERABLE, NOTRECOVERABLE						
REWRITE	BINARY	STAT	4	AVG	No	Number of REWRITE requests	38
STGALCINU	BINARY	STAT	4	AVG	No	Total storage in use (kilobytes)	44
STGALCTOT	BINARY	STAT	4	AVG	No	Total storage allocated (kilobytes)	43
STGDRAINU	BINARY	STAT	4	AVG	No	Storage in use for record data (kilobytes)	50
STGDRTATOT	BINARY	STAT	4	AVG	No	Storage allocated for record data (kilobytes)	49
STGENTINU	BINARY	STAT	4	AVG	No	Storage in use for record entry blocks (KB)	46
STGENTTOT	BINARY	STAT	4	AVG	No	Storage allocated for record entry blocks (KB)	45
STGIDXINU	BINARY	STAT	4	AVG	No	Storage in use for index (kilobytes)	48
STGIDXTOT	BINARY	STAT	4	AVG	No	Storage allocated for index (kilobytes)	47
STRINGS	BINARY	INQ	4	AVG	Yes	Number of strings	17
TABLE	CVDAS	INQ	4	LIKE	Yes	Type of data table	18
TABLE Input/output valid values	CICSTABLE, USERTABLE, CFTABLE, NOTTABLE						
TABLE Output valid values	NOTAPPLIC						
TABlename	CHAR	INQ	8	DIFF	Yes	CFDT table name	63
TIMECLOSE	DECTSTP	STAT	4	MAX	No	Local time file was closed	22
TIMEOPEN	DECTSTP	STAT	4	MAX	No	Local time file was opened	21
UPDATE	CVDAS	INQ	4	LIKE	Yes	Update option	20
UPDATE Input/output valid values	UPDATABLE, NOTUPDATABLE						
UPDATECNT	BINARY	STAT	4	AVG	No	Number of REWRITE requests	27
UPDATERMODEL	CVDAS	INQ	4	LIKE	Yes	CFDT update model	64
UPDATERMODEL Input/output valid values	LOCKING, CONTENTION, NOTAPPLIC						
VSAMTYPE	CVDAS	INQ	4	LIKE	No	Type of VSAM data set	19

Table 71. CMT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
VSAMTYPE Output valid values	ESDS, KSDS, RRDS						
WSTRCCURCNT	BINARY	STAT	2	AVG	No	Peak concurrent requests queued - strings in use	52
WSTRCNT	BINARY	STAT	4	AVG	No	Total requests queued because strings in use	31

CMTCMDEF Resource Table

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

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

CMAS-to-CMAS connection information is broadcast around the CMAS network. When the TARGETNAME, TARGETAPPLID and SYSID attributes are validated, the information is checked with CMTCMDEF information received from other CMASes. If the values specified for a new CMTCMDEF are not appropriate, then the CMTCMDEF CREATE may fail, even though there is not a local definition for the CMTCMDEF.

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

There are no object specific actions for this resource class.

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

External resource name

Length

136

Usage API or Batch Utility

API view

No

CMAS context

Yes

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt2732

Table 72. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 72. Valid CPSM operations (continued)

GET	None	N/A
CREATE	None	N/A
UPDATE	None	N/A
REMOVE	None	N/A

Table 73. CMTCMDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
8	REPOSITORY_FAILURE	Error in data repository	21	CEDA_TIMEOUT	Timeout whilst updating CICS CSD
22	CEDA_FAILURE_DEFINE	Error defining resource on CICS CSD	23	CEDA_FAILURE_INSTALL	Install to CICS CSD failed
24	CEDA_FAILURE_MOVE	Error on CICS CSD failed	25	CONNECTION_ACTIVE	Connection active
26	CONNECTION_PENDING	Connection pending	27	CONNECTION_RESET	Connection reset
28	SYSID_DUP	Duplicate system ID	29	APPLID_DUP	Duplicate application ID
30	LINK_TYPE	Invalid link type	31	LINK_DATA	Link data
32	UNKNOWN_METHOD	Unknown link type return code from internal program call	33	TIMEOUT	Timeout
34	MISMATCH_TARGET	Target CMAS exists with different Target Applid/SYSID	35	MISMATCH_APPLID	Target Applid does not match existing Target CMAS/SYSID
36	MISMATCH_SYSID	SYSID does not match existing Target Applid			

Table 74. CMTCMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
DESC	CHAR	CPSM	58	No	DIFF	No	Description			12
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	18
MODENAME	CHAR	CPSM	8	No	DIFF	No	LU 6.2 mode			9
PROTOCOL	EYUDA	CPSM	4	Yes	LIKE	No	Link protocol			8
PROTOCOL Input/output valid values	LU62, MRO									

Table 74. CMTCMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
RECVBUF	BINARY	CPSM	2	Yes	AVG	No	Receive buffer size		256-30720	14
RECVPFX	CHAR	CPSM	2	No	DIFF	No	MRO receive prefix			10
SECATTACH	CHAR	CPSM	16	Yes	DIFF	No	Type of attach-time security to be used			15
SECATTACH Input/output valid values	LOCAL, IDENTIFY									
SECNAME	CHAR	CPSM	8	No	DIFF	No	User ID of remote system for security purposes			16
SENDERBUF	BINARY	CPSM	2	Yes	AVG	No	Send buffer size		256-30720	13
SENDERPFX	CHAR	CPSM	2	No	DIFF	No	MRO send prefix			11
SYSID	CHAR	CPSM	4	Yes	DIFF	No	Target system ID			7
TARGETAPPL	CHAR	CPSM	8	Yes	DIFF	No	Target VTAM application ID			6
TARGETNAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Target CMAS			5

CMTMMLNK Resource Table

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

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

The following actions are supported:

ACQUIRE

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

DISCARD

Discard the connection.

The DISCARD action requires no unique parameter data.

External resource name

Length

152

Usage API
API view
 No
CMAS context
 Yes
SCOPE applies
 No
Only query CMASs in workload
 No
Object type
 CICSplex SM Manager
Copybook identifier
 EYUt2444

Table 75. Valid CPSM operations

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

Table 76. CMTMMLNK FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
21	LINK_IS_ACTIVE	Link is active	22	LINK_RESET	Link reset
23	LINK_PENDING	Link pending	24	DISCARD_FAILED	Discard failed
25	CICS_FAILURE	CICS failure	26	RENAME_MISSING	Record name missing
27	PLEXNAME_MISSING	CICSplex name missing	28	LINK_NOTINSERVICE	CICS link not INSERVICE
29	LINK_NOTACQUIRED	CICS link not Acquired	30	LINK_NOTLU62	Link protocol not LU62

Table 77. CMTMMLNK resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
APPLID	CHAR	CPSM	8	DIFF	No	Application ID	24
CBYTRCVD	BINARY	CPSM	8	AVG	No	Number of bytes received (compressed)	19
CBYTSENT	BINARY	CPSM	8	AVG	No	Number of bytes sent (compressed)	14
CICSCONN	CVDAS	INQ	4	LIKE	No	CICS connection status	7
CICSCONN Output valid values	RELEASED, OBTAINING, ACQUIRED, FREEING, AVAILABLE						
CICSSERV	CVDAS	INQ	4	LIKE	No	CICS service status	8
CICSSERV Output valid values	INSERVICE, OUTSERVICE, GOINGOUT						
CPSMCONN	EYUDA	CPSM	4	LIKE	No	Connection status	9
CPSMCONN Output valid values	CONACT, RESET, PENDING						
EXECCLK	INTUSEC	CPSM	8	MAX	No	Cumulative time to execute CICSplex SM service requests	22

Table 77. CMTMMLNK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
MALSRCVD	BINARY	CPSM	8	AVG	No	Total requests received	15
MALSENT	BINARY	CPSM	8	AVG	No	Total requests sent	10
MSGSRCVD	BINARY	CPSM	8	AVG	No	Number of message packets received	16
MSGSENT	BINARY	CPSM	8	AVG	No	Number of message packets sent	11
NAME-1	CHAR	CPSM	8	DIFF	Yes	Target CMAS	4
PROTOCOL	EYUDA	CPSM	4	LIKE	No	Link protocol	6
PROTOCOL Output valid values	LU62, MRO						
RCVCLK	INTUSEC	CPSM	8	MAX	No	Cumulative time to receive CICSplex SM service requests	23
SCHEDCLK	INTUSEC	CPSM	8	MAX	No	Cumulative time to schedule CICSplex SM service requests	20
SYSID	CHAR	CPSM	4	DIFF	No	Target system ID	5
TBUFRCVD	BINARY	CPSM	8	AVG	No	Number of transit buffers received	17
TBUFSSENT	BINARY	CPSM	8	AVG	No	Number of transit buffers sent	12
TRANSCLK	INTUSEC	CPSM	8	MAX	No	Cumulative time to transmit CICSplex SM service requests	21
UBYTRCVD	BINARY	CPSM	8	AVG	No	Number of bytes received (uncompressed)	18
UBYTSSENT	BINARY	CPSM	8	AVG	No	Number of bytes sent (uncompressed)	13

CMTMMLNK Resource Table

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

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

The following action is supported:

DISCARD

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

The DISCARD action requires no unique parameter data.

External resource name

Length

160

Usage

API

API view

No

CMAS context

Yes

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2445

Table 78. Valid CPSM operations

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

Table 79. CMTPLNK FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
21	LINK_IS_ACTIVE	Link is active	22	LINK_RESET	Link reset
23	LINK_PENDING	Link pending	24	DISCARD_FAILED	Discard failed
25	CICS_FAILURE	CICS failure	26	RENAME_MISSING	Record name missing
27	PLEXNAME_MISSING	CICSplex name missing			

Table 80. CMTPLNK resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
APPLID	CHAR	CPSM	8	DIFF	No	VTAM application ID	25
CBYTRCVD	BINARY	CPSM	8	AVG	No	Number of bytes received (compressed)	19
CBYTSENT	BINARY	CPSM	8	AVG	No	Number of bytes sent (compressed)	14
CICSCONN	CVDAS	INQ	4	LIKE	No	CICS connection status	7
CICSCONN Output valid values	RELEASED, OBTAINING, ACQUIRED, FREEING, AVAILABLE						
CICSSERV	CVDAS	INQ	4	LIKE	No	CICS service status	8
CICSSERV Output valid values	INSERVICE, OUTSERVICE, GOINGOUT						
CPSMCONN	EYUDA	CPSM	4	LIKE	No	CICSplex SM connection status	9
CPSMCONN Output valid values	CONACT, RESET, PENDING						
EXECCLK	INTUSEC	CPSM	8	MAX	No	Total execution time for CICSplex SM service requests	22
MALSRCVD	BINARY	CPSM	8	AVG	No	Number of service requests and responses received	15
MALSSSENT	BINARY	CPSM	8	AVG	No	Number of service requests and responses sent	10
MSGSRCVD	BINARY	CPSM	8	AVG	No	Number of message packets received	16
MSGSSSENT	BINARY	CPSM	8	AVG	No	Number of message packets sent	11
NAME-1	CHAR	CPSM	8	DIFF	Yes	MAS name	4
PLEXNAME	CHAR	CPSM	8	DIFF	No	Name of CICSplex which MAS belongs to	24
PROTOCOL	EYUDA	CPSM	4	LIKE	No	Link protocol	6
PROTOCOL Output valid values	LU62, MRO, ESSS						

Table 80. CMLPMLNK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
RCVCLK	INTUSEC	CPSM	8	MAX	No	Total receive time for CICSplex SM service requests	23
SCHEDCLK	INTUSEC	CPSM	8	MAX	No	Total wait time for CICSplex SM service requests	20
SYSID	CHAR	CPSM	4	DIFF	No	MAS system ID	5
TBUFRCD	BINARY	CPSM	8	AVG	No	Number of transit buffers received	17
TBUFRSENT	BINARY	CPSM	8	AVG	No	Number of transit buffers sent	12
TRANSCLK	INTUSEC	CPSM	8	MAX	No	Total transmit time for CICSplex SM service requests	21
UBYTRCD	BINARY	CPSM	8	AVG	No	Number of bytes received (uncompressed)	18
UBYTRSENT	BINARY	CPSM	8	AVG	No	Number of bytes sent (uncompressed)	13

CONINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6145

Table 81. Valid CPSM operations

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

Table 82. CONINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 83. CONINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CONNGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
CONNNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	Connection definition name	6
CONNVER-3	BINARY	CPSM	1	Yes	AVG	Yes	Connection definition version	7

CONNDEF Resource Table

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

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

The following actions are supported:

INSTALL

Install a Connection Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length

384

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type
CICS Definition

Copybook identifier
EYUt3800

Table 84. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES/NO)	No
		MODE(value)	No
		NOTIFY(NO/INACTIVE/RELEASE/IFULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET/RELATED/BOTH/NONE)	No
		REFASSIGN(value)	Yes
		RELATED(value)	No
		STATECHK(YES/NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 85. CONNDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check

Table 85. CONNDEF FEEDBACK error codes (continued)

39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	REFASSGN_REQ	Referenced resource assignment required	52	REFASSIGN_NOTFOUND	Referenced resource assignment not found
53	SESS_NOTINSTL	Session not installed	54	NODEFS_SELECTED	No definitions selected
55	MORE_THAN_1_RELATED_SYSTEM	More than one related system	56	MISSING_RELATED_SYSTEM_IDENTIFIER	Missing related system identifier
57	SCOPE_CONFLICTS	Scope conflict			

Table 86. CONNDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ACCESSMETHOD	CVDAS	CPSM	4	Yes	LIKE	No	Access method	VTAM			9
ACCESSMETHOD Input/output valid values	VTAM, IRC, INDIRECT, XM, NETBIOS, TCPIP										
ATTACHSEC	EYUDA	CPSM	4	Yes	LIKE	No	Level of attach-time security	LOCAL			10
ATTACHSEC Input/output valid values	LOCAL, IDENTIFY, MIXIDPE, PERSISTENT, VERIFY										
AUTOCONNECT	EYUDA	CPSM	4	Yes	LIKE	No	Autoconnect sessions for VTAM	NO			11
AUTOCONNECT Input/output valid values	NO, ALL, YES										
BINDPASSWORD	HIDCHAR	CPSM	16	No	DIFF	No	Bind password			E410P	10S
BINDSECURITY	EYUDA	CPSM	4	Yes	LIKE	No	Bind time security	NO		E410P	10S
BINDSECURITY Input/output valid values	YES, NO										
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CONNPRIORITY	CHAR	CPSM	4	No	DIFF	No	Connection priority	86	0-255	EALL	30

Table 86. CONNDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CONNTYPE	CVDAS	CPSM	4	Yes	LIKE	No	Nature of connection	NOTAPPLIC			14
CONNTYPE Input/output valid values	GENERIC, SPECIFIC, NOTAPPLIC, APPC, NETBIOS, TCPIP										
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				33
DATASTREAM	EYUDA	CPSM	4	Yes	LIKE	No	Data stream type	USER			15
DATASTREAM Input/output valid values	USER, LMS, SCS, STRFIELD, 3270										
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		49
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				37
INDSYS	CHAR	CPSM	4	No	DIFF	No	Intermediate system name				16
INSERVICE	EYUDA	CPSM	4	Yes	LIKE	No	Connection status	YES			17
INSERVICE Input/output valid values	YES, NO										
LOCLHOSTNAME	CHAR	CPSM	40	No	DIFF	No	TCP/IP local host name			EALL	46
LUALIAS	CHAR	CPSM	8	No	DIFF	No	Local logical unit alias name			EALL	31
MAXQTIME	CHAR	CPSM	8	No	DIFF	No	Maximum queue time	NO	0-9999		18
MAXQTIME Input/output valid values	NO										
MODENAME	CHAR	CPSM	8	No	DIFF	No	Communication mode name			EALL	43
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
NETBIOSADAPT	CHAR	CPSM	1	No	DIFF	No	NETBIOS logical LAN adapter		0-1	EALL	44
NETBIOSADAPT Input/output valid values	B										
NETNAME	CHAR	CPSM	8	No	DIFF	No	Network name				19

Table 86. CONNDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
PARTCODEPAGE	CHAR	CPSM	6	No	DIFF	No	Partner code page	37	1-99999	EALL	42
PARTLUALIAS	CHAR	CPSM	8	No	DIFF	No	Partner logical unit alias name			EALL	32
PROTOCOL	CVDAS	CPSM	4	Yes	LIKE	No	Protocol	APPC			20
PROTOCOL Input/output valid values	APPC, EXCI, LU61, NOTAPPLIC, N_A										
PSRECOVERY	EYUDA	CPSM	4	Yes	LIKE	No	Persistent session recovery	SYSDEFAULT			21
PSRECOVERY Input/output valid values	NONE, SYSDEFAULT, N_A										
QUEUELIMIT	CHAR	CPSM	8	No	DIFF	No	Queue limit	NO	0-9999		22
QUEUELIMIT Input/output valid values	NO										
RECORDFORMAT	EYUDA	CPSM	4	Yes	LIKE	No	Record format	U			23
RECORDFORMAT Input/output valid values	U, VB										
REMOTENAME	CHAR	CPSM	4	No	DIFF	No	Connection name in remote system				24
REMOTESYSNET	CHAR	CPSM	8	No	DIFF	No	Net name of the owning TOR				25
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	No	Remote connection name				26
REMSYSAPPLID	CHAR	CPSM	8	No	DIFF	No	NETBIOS remote system application ID			EALL	45
REMTHOSTNAME	CHAR	CPSM	40	No	DIFF	No	TCP/IP remote host name			EALL	47
REMTHOSTPORT	CHAR	CPSM	6	No	DIFF	No	TCP/IP remote host port	1435	1-65535	EALL	48
REMTHOSTPORT Input/output valid values	*										

Table 86. CONNDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
SECURITYNAME	CHAR	CPSM	8	No	DIFF	No	Security name for remote system				27
SESSBUFFSIZE	CHAR	CPSM	6	No	DIFF	No	Maximum session buffer size	16384	512-40000	EALL	40
SESSCOUNT	CHAR	CPSM	2	No	DIFF	No	Number of concurrently active sessions	1	1-99	EALL	41
SINGLESESS	EYUDA	CPSM	4	Yes	LIKE	No	APPC terminal on single session APPC link	NO			28
SINGLESESS Input/output valid values	YES, NO, N_A										
USEDFTUSER	EYUDA	CPSM	4	Yes	LIKE	No	Use default user ID	N_A			39
USEDFTUSER Input/output valid values	NO, YES, N_A										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				34
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				35
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				36
XLNACTION	EYUDA	CPSM	4	Yes	LIKE	No	Exchange lognames (XLN) action	N_A			29
XLNACTION Input/output valid values	KEEP, FORCE, N_A										

CONNECT Resource Table

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

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

The following actions are supported:

ACQUIRE

Acquire the connection.

BACKOUT

Back out shunted units of work associated with the connection.

CANCEL

Cancel the connection.

COMMIT

Commit shunted units of work associated with the connection.

DISCARD

Discard the connection.

ENDAFFINITY

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

FORCE

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

FORCECANCEL

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

FORCEPURGE

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

INSERVICE

Place the connection in service.

KILL

Kill all transactions running on sessions on the connected system.

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

NORECOVDATA

Override the normal resynchronization process.

NOTPENDING

Set the connection not pending.

OUTSERVICE

Place the connection out of service.

PURGE

Purge the connection.

RELEASE

Release the connection.

RESYNC

Resynchronize shunted units of work associated with the connection.

These actions require no unique parameter data.

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

Note: The value returned by CICS conflicts with CVDA values in other CICS environments. In order to retain the attribute's uniqueness, CICSplex SM adds 9000 to the value returned by CICS.

External resource name

Length
328

Usage API or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0006

Table 87. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	BACKOUT	None	N/A
	COMMIT	None	N/A
	RESYNC	None	N/A
	FORCE	None	N/A
	ACQUIRE	None	N/A
	INSERVICE	None	N/A
	NOTPENDING	None	N/A
	OUTSERVICE	None	N/A
	PURGE	None	N/A
	CANCEL	None	N/A
	RELEASE	None	N/A
	ENDAFFINITY	None	N/A
	NORECOVDATA	None	N/A
	FORCEPURGE	None	N/A
	KILL	None	N/A
	FORCECANCEL	None	N/A

Table 88. CONNECT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACCESSMETHOD	CVDAS	INQ	4	LIKE	No	Access method	4
ACCESSMETHOD Output valid values	VTAM, IRC, INDIRECT, XM, XCF, NETBIOS, TCPIP						
AIDS	BINARY	STAT	2	AVG	No	Number of automatic initiator descriptors (AIDs)	13
ALLOCATES	BINARY	STAT	4	AVG	No	Total number of allocate requests	22

Table 88. CONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ALLOCQLIMIT	CNUMERIC	STAT	2	AVG	No	Allocate queue limit (QUEUELIMIT)	39
ATISBPRI	BINARY	STAT	4	AVG	No	Number of ATIs satisfied by primary sessions	19
ATISBSEC	BINARY	STAT	4	AVG	No	Number of ATIs satisfied by secondary sessions	20
AUTOSTATUS	CVDAS	INQ	4	LIKE	No	Autoconnect option	6
AUTOSTATUS Output valid values	AUTOCONN, NONAUTOCONN, ALLCONN						
BIDSENT	BINARY	STAT	4	AVG	No	Total number of bids sent	21
CONCURBIDS	BINARY	STAT	2	AVG	No	Number of bids currently in progress	15
CONNCREATIME	TIMESTP	STAT	8	MAX	No	Local connection create time	51
CONNDELETIME	TIMESTP	STAT	8	MAX	No	Local connection delete time	53
CONNSTATUS	CVDAS	INQ	4	LIKE	Yes	Connection status	5
CONNSTATUS Input/output valid values	RELEASED, ACQUIRED						
CONNSTATUS Output valid values	OBTAINING, FREEING, AVAILABLE, NOTAPPLIC						
CONNTYPE	CVDAS	INQ	4	LIKE	No	External CICS interface type	35
CONNTYPE Output valid values	SPECIFIC, GENERIC						
DLIFUNCSHIP	BINARY	STAT	4	AVG	No	Number of DL/I function ships	30
DPLFUNCSHIP	BINARY	STAT	4	AVG	No	Number of Distributed Program Link function ships	58
ESTICCHNL	BINARY	STAT	4	AVG	No	Interval Control FS start requests with channels	64
ESTICCHNRCVD	BINARY	STAT	8	AVG	No	Number of bytes received on START channel requests	66
ESTICCHNSENT	BINARY	STAT	8	AVG	No	Number of bytes sent on START channel requests	65
ESTPCCHNL	BINARY	STAT	4	AVG	No	Program Control FS LINK requests with channels	61
ESTPCCHNRCVD	BINARY	STAT	8	AVG	No	Bytes received on LINK channel requests	63
ESTPCCHNSENT	BINARY	STAT	8	AVG	No	Bytes sent on LINK channel requests	62
ESTTCCHNL	BINARY	STAT	4	AVG	No	Number of terminal sharing channel requests	67
ESTTCCHNRCVD	BINARY	STAT	8	AVG	No	Bytes received on terminal sharing channel requests	69
ESTTCCHNSENT	BINARY	STAT	8	AVG	No	Bytes sent on terminal sharing channel requests	68
EXITTRACING	CVDAS	INQ	4	LIKE	Yes	Exit Tracing status	7
EXITTRACING Input/output valid values	EXITTRACE, NOEXITTRACE						
EXITTRACING Output valid values	NOTAPPLIC						
EXIT_REJALLC	BINARY	STAT	4	AVG	No	Allocates rejected because QUEUELIMIT reached	34
FAILEDOTHERS	BINARY	STAT	4	AVG	No	Number of allocate requests with other failure	25

Table 88. CONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
FAILINKALLOC	BINARY	STAT	4	AVG	No	Number of allocate requests with link failure	24
FCFUNCSHIP	BINARY	STAT	4	AVG	No	Number of File Control function ships	26
GMTCREATIME	TIMESTP	STAT	8	MAX	No	GMT connection create time	50
GMTDELETIME	TIMESTP	STAT	8	MAX	No	GMT connection delete time	52
GRNAME	CHAR	INQ	8	DIFF	No	APPC generic resource	56
ICFUNCSHIP	BINARY	STAT	4	AVG	No	Number of Interval Control function ships	27
LINKSYSTEM	CHAR	INQ	4	DIFF	No	Name of real link towards TOR	49
MAXBIDS	BINARY	STAT	2	AVG	No	Maximum number of concurrent bids	17
MAXPRIMARIES	BINARY	STAT	2	AVG	No	Peak number of primary sessions in use	32
MAXQTALLCPRG	BINARY	STAT	2	AVG	No	Number of allocates purged when MAXQTIME exceeded	43
MAXQTIME	BINARY	STAT	2	AVG	No	Maximum queue time	38
MAXQTPURGCNT	BINARY	STAT	2	AVG	No	Number of allocates purged due to MAXQTIME value	33
MAXSECOND	BINARY	STAT	2	AVG	No	Peak number of secondaries in use at one time	16
MEMBERNAME	CHAR	INQ	8	DIFF	No	Member name of connected LU	57
NAME-1	CHAR	INQ	4	DIFF	Yes	Connection ID	1
NETNAME	CHAR	INQ	8	DIFF	No	Net name	8
NONSPECAIDS	BINARY	STAT	2	AVG	No	Number of AIDs waiting for a session	14
NQNAME	CHAR	INQ	17	DIFF	No	Network qualified name	59
OUTSALLOC	BINARY	STAT	2	AVG	No	Peak number of outstanding allocate requests	18
PENDSTATUS	CVDAS	INQ	4	LIKE	Yes	Pending status	10
PENDSTATUS Input/output valid values	NOTPENDING						
PENDSTATUS Output valid values	PENDING, NOTAPPLIC						
PRICURRUSED	BINARY	STAT	2	AVG	No	Number of primaries currently in use	54
PROTOCOL	CVDAS	INQ	4	LIKE	No	Connection protocol	2
PROTOCOL Output valid values	EXCI, LU61, APPC, NOTAPPLIC						
QUEDALLOCATE	BINARY	STAT	4	AVG	No	Number of queued allocate requests	23
RECEIVECOUNT	CNUMERIC	INQ	4	AVG	No	Number of defined receive sessions	36
RECOVSTATUS	CVDAS	INQ	4	LIKE	Yes	Recovery status	45
RECOVSTATUS Input/output valid values	NORECOVDATA						
RECOVSTATUS Output valid values	RECOVDATA, NRS, NOTAPPLIC						
REMOTENAME	CHAR	INQ	4	DIFF	No	Connection name in remote system	48
REMOTESYSNET	CHAR	INQ	8	DIFF	No	Net name of the owning TOR	47
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote connection name	46
SECCURRUSED	BINARY	STAT	2	AVG	No	Number of secondaries currently in use	55
SENDCOUNT	CNUMERIC	INQ	4	AVG	No	Number of defined send sessions	37
SERVSTATUS	CVDAS	INQ	4	LIKE	Yes	Service status	9

Table 88. CONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE						
SERVSTATUS Output valid values	GOINGOUT						
TDFUNCSHIP	BINARY	STAT	4	AVG	No	Number of Transient Data function ships	28
TERMSHAREREQ	BINARY	STAT	4	AVG	No	Number of terminal sharing requests	31
TSFUNCSHIP	BINARY	STAT	4	AVG	No	Number of Temporary Storage function ships	29
TYPE	EYUDA	CPSM	4	LIKE	No	Connection type	3
TYPE Output valid values	LU61, LU62, INDIRECT, MRO, NETBIOS, TCPIP						
XLNSTATUS	CVDAS	INQ	4	LIKE	No	Exchange lognames (XLN) status	11
XLNSTATUS Output valid values	XOK, XNOTDONE, NOTAPPLIC						
XZIQALLCPRG	BINARY	STAT	2	AVG	No	Number of allocates purged by XZIQUE exit	42
XZIQPRGCNT	BINARY	STAT	2	AVG	No	Number of queue purges requested by XZIQUE exit	41
XZIQREJS	BINARY	STAT	4	AVG	No	Number of allocates rejected by XZIQUE exit	40
ZCPTRACING	CVDAS	INQ	4	LIKE	Yes	ZCP tracing	12
ZCPTRACING Input/output valid values	ZCPTRACE, NOZCPTRACE						
ZCPTRACING Output valid values	NOTAPPLIC						

CPLEXDEF Resource Table

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

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

The following actions are supported:

ASSIGN

Assign CMAS to manage CICSplex.

The parameter data for the ASSIGN action is:

```
PARM('CICSPLEX(plex) CMAS(cmas).')
```

where:

plex = (Required) Name of a CICSplex to which the CMAS is assigned.

cmas = (Required) Name of a CMAS.

UNASSIGN

Unassign CMAS from CICSplex management role.

The parameter data for the UNASSIGN action is:

PARM('CICSPLEX(plex) CMAS(cmas) [FORCE].')

where:

plex = (Required) Name of a CICSplex from which the CMAS is unassigned.

cmas = (Required) Name of a CMAS.

External resource name

Length

112

Usage API or Batch Utility

API view

No

CMAS context

Yes

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt2736

Table 89. Valid CPSM operations

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

Table 90. CPLEXDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
8	REPOSITORY_FAILURE	Error in data repository	21	REMOTE_METH_FAILURE	Attempt to run program in remote system failed
22	REM_EYUDREP_CORRUPT	Corrupting remote data repository	23	DIRECTORY_ERROR	Directory error

Table 90. CPLEXDEF FEEDBACK error codes (continued)

24	ALL_COUNTS_ZERO	All counts zero	25	DELETE_PENDING	CICSplex delete pending
26	MAS_ACTIVE	MAS active	27	LCL_EYUDREP_CREATE	Updating local data repository
28	INV_CMASNAME	Invalid CMAS name	29	CMAS_IS_MP	CMAS is maintenance point
30	DELETING_MP	Removing maintenance point	31	DEL_PENDING	Removal pending
32	CMAS_LEVEL	CMAS at higher level	33	LCL_EYUDREP_FAILURE	Error in local repository
34	LCL_REP_INV_LENGTH	Record length error in local repository			

Table 91. CPLEXDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CICSplex-1	CHAR	CPSM	8	Yes	DIFF	Yes	CICSplex			5
DAYLGHTSV	EYUDA	CPSM	4	Yes	LIKE	No	Daylight savings	NO		17
DAYLGHTSV Input/output valid values	YES, NO									
DESC	CHAR	CPSM	58	No	DIFF	No	Description			8
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	28
INTVL	BINARY	CPSM	2	Yes	AVG	No	Monitor interval (minutes)	480	15-1440	9
RODMPOP	EYUDA	CPSM	4	Yes	LIKE	No	Resource status facility population	NO		27
RODMPOP Input/output valid values	YES, NO									
SECBPASS	EYUDA	CPSM	4	Yes	LIKE	No	Security checking exemption	NO		10
SECBPASS Input/output valid values	YES, NO									
SECCMDCHK	EYUDA	CPSM	4	Yes	LIKE	No	Simulated CICS-command security checking	NO		6
SECCMDCHK Input/output valid values	YES, NO									

Table 91. CPLEXDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
SECRESCHK	EYUDA	CPSM	4	Yes	LIKE	No	Simulated CICS-resource security checking	NO		7
SECRESCHK Input/output valid values	YES, NO									
STATE	EYUDA	CPSM	4	No	DIFF	No	State of CICSplex			29
STATE Input/output valid values	ACTIVE, PENDING, RECREATED									
STATUS	BINARY	CPSM	1	Yes	AVG	No	Status of attempt to delete CICSplexCICSPLEX ActiveRemoval pending Definition recreated			13
STATUS Input/output valid values	1 (ACTIVE), 2 (DELPEND), 3 (UNDELETE)									
TMEZONE	CHAR	CPSM	1	Yes	DIFF	No	Time zone	B		15
TMEZONEO	BINARY	CPSM	1	Yes	AVG	No	Time zone offset	0	1-59	14

CPLXCMAS Resource Table

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

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

The following actions are supported:

UNASSIGN

Unassign CMAS from CICSplex management role.

The parameter data for the UNASSIGN action is:

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

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

External resource name

Length

72

Usage API

API view

No

CMAS context

Yes

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt2737

Table 92. Valid CPSM operations

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

Table 93. CPLXCMAS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
8	CPLXCMAS_LCL_REPO_INVALID_LENGTH	Repository error in local repository	21	CPLXCMAS_REMOTE_MP_FAIL	Attempt to fail program in remote system failed
22	CPLXCMAS_REMOTE_REPO_CORRUPT	Remote repository error	23	MAS_ACTIVE	MAS active
27	CPLXCMAS_LCL_REPO_CORRUPT	Local repository error	28	INV_CMASNAME	Invalid CMAS name
30	DELETING_MP	Unassign not valid for MP CMAS			

Table 94. CPLXCMAS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
CICSplex-2	CHAR	CPSM	8	Yes	DIFF	Yes	CICSplex	6
CMASNAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	CMAS	5
DAYLGHTSV	EYUDA	CPSM	4	Yes	LIKE	No	Daylight savings in effect	23
DAYLGHTSV Input/output valid values	YES, NO							
INTERVAL	BINARY	CPSM	2	Yes	AVG	No	Performance data interval	7
MPNAME	CHAR	CPSM	8	Yes	DIFF	No	Maintenance point CMAS	19
MPSTATUS	EYUDA	CPSM	4	Yes	LIKE	No	CMAS maintenance point status	37
MPSTATUS Output valid values	YES, NO							
RODMPOP	EYUDA	CPSM	4	Yes	LIKE	No	Resource status facility populate indicator	34

Table 94. CPLXCMAS resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
RODMPOP Input/output valid values	YES, NO							
SECBYPASS	EYUDA	CPSM	4	Yes	LIKE	No	Bypass security	14
SECBYPASS Input/output valid values	YES, NO							
SECCMDCHK	EYUDA	CPSM	4	Yes	LIKE	No	Security command check	11
SECCMDCHK Input/output valid values	YES, NO							
SECRESCHK	EYUDA	CPSM	4	Yes	LIKE	No	Security resource check	12
SECRESCHK Input/output valid values	YES, NO							
STATE	EYUDA	CPSM	4	Yes	LIKE	No	State	36
STATE Output valid values	NORMAL, REMOVING, CREATING							
STATUS	BINARY	CPSM	1	Yes	MIN	No	StatusCreate pendingCICSplex ActiveUpdates pendingRemoval pending Recreated	17
STATUS Input/output valid values	1 (CREPEND), 2 (ACTIVE), 3 (UPDPEND), 4 (DELPEND), 5 (UNDELETE)							
SYSID	CHAR	CPSM	4	Yes	DIFF	No	CMAS system ID	16
TMEZONE	CHAR	CPSM	1	Yes	DIFF	No	Time zone	21
TMEZONEO	BINARY	CPSM	1	Yes	AVG	No	Time zone offset	20

CRESAIMD Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2813

Table 95. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 96. CRESAIMD resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically Deleted	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED)						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Autoinstall model	4

CRESCONN Resource Table

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

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

There are no object specific actions for this resource class.

External resource name**Length**

48

Usage API**API view**

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier
EYUt2803

Table 97. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 98. CRESCONN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CONNSTATUS	CVDAS	INQ	4	LIKE	No	Connection status	8
CONNSTATUS Output valid values	RELEASED, OBTAINING, ACQUIRED, FREEING, AVAILABLE, NOTAPPLIC						
CTYPE	EYUDA	CPSM	4	LIKE	No	Connection type	4
CTYPE Output valid values	LU61, LU62, MRO, INDIRECT, EXCI						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	7
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	4	DIFF	Yes	Connection	5
NETNAME	CHAR	INQ	8	DIFF	No	Net name of remote system	6
SERVSTATUS	CVDAS	INQ	4	LIKE	No	Service status	9
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE, GOINGOUT						

CRESDB2C Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2826

Table 99. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 100. CRESDB2C resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	8	DIFF	Yes	DB2 connection	4

CRESDB2E Resource Table

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

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

There are no object specific actions for this resource class.

External resource name**Length**

32

Usage API**API view**

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier
EYUt2827

Table 101. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 102. CRESDB2E resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	8	DIFF	Yes	DB2 entry	4

CRESDB2T Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2828

Table 103. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 103. Valid CPSM operations (continued)

GET	None	N/A
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Table 104. CRESDB2T resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	8	DIFF	Yes	DB2 transaction	4

CRESDOCT Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage

API

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2834

Table 105. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 106. CRESDOCT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Document template	4

CRESDSNM Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

80

Usage API

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2819

Table 107. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 108. CRESDSNM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
BACKOUTSTAT	CVDAS	INQ	4	LIKE	No	Backout status	7
BACKOUTSTAT Output valid values	NORMALBKOUT, FAILEDBKOUT, FAILINGBKOUT						
DTYPE	CVDAS	CPSM	4	LIKE	No	Data set type	4
DTYPE Output valid values	VSAM, BDAM						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	6
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	44	DIFF	Yes	Data set	5
VALIDITY	CVDAS	INQ	4	LIKE	No	Validity status	8
VALIDITY Output valid values	VALID, INVALID						

CRESENQM Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier
EYUt2830

Table 109. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 110. CRESENQM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Enqueue model	4

CRESFECO Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

48

Usage API

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2820

Table 111. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 112. CRESFECO resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACQSTATUS	CVDAS	INQ	4	LIKE	No	Acquired status	6
ACQSTATUS Output valid values	RELEASED, RELEASING, ACQUIRED, ACQUIRING						
MONSTAT	BIT	CPSM	1	LIKE	No	FEPI connection monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	16	DIFF	Yes	Target and node names of connection	4
SERVSTATUS	CVDAS	INQ	4	LIKE	No	Service status	7
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE, GOINGOUT						

CRESFEND Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2814

Table 113. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 114. CRESFEND resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically Deleted	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED)						
NAME-1	CHAR	CPSM	8	DIFF	Yes	FEPI node	4

CRESFEPO Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2815

Table 115. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 116. CRESFEPO resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically Deleted	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED)						
NAME-1	CHAR	CPSM	8	DIFF	Yes	FEPI pool	4

CRESFETR Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2816

Table 117. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 118. CRESFETR resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically Deleted	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED)						
NAME-1	CHAR	CPSM	8	DIFF	Yes	FEPI target	4

CRESFILE Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

96

Usage

API

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2801

Table 119. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 120. CRESFILE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	

Table 120. CRESFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
DSNAME	CHAR	CPSM	44	DIFF	No	Data set name	11
ENABLESTATUS	CVDAS	INQ	4	LIKE	No	Enabled status	9
ENABLESTATUS Output valid values	ENABLED, DISABLED, UNENABLED, DISABLING, UNENABLING						
FTYPE	EYUDA	CPSM	4	LIKE	No	File type	4
FTYPE Output valid values	LFILE, RFILE, CTABL, UTABL, CFTBL						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	8
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	8	DIFF	Yes	File	5
OPENSTATUS	CVDAS	INQ	4	LIKE	No	Open status	10
OPENSTATUS Output valid values	OPEN, OPENING, CLOSED, CLOSING, CLOSEREQUEST						
REMOTENAME	CHAR	CPSM	8	DIFF	No	File name on remote system	6
REMOTESYSTEM	CHAR	CPSM	4	DIFF	No	Remote system ID	7

CRESGLUE Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

40

Usage API

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2821

Table 121. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 122. CRESGLUE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
EXITNAME-2	CHAR	CPSM	8	DIFF	Yes	Exit point name	5
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	6
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Global user exit program	4
STARTSTATUS	CVDAS	INQ	4	LIKE	No	Start status	7
STARTSTATUS Output valid values	STARTED, STOPPED						

CRESIPCN Resource Table

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

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

The following actions are supported:

GET Get data for the named IPCONN.

External resource name

Length

48

Usage API

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2835

Table 123. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 124. CRESIPCN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CONNSTATUS	CVDAS	INQ	4	LIKE	No	Connection status	8
CONNSTATUS Output valid values	RELEASED, OBTAINING, ACQUIRED, FREEING, AVAILABLE, NOTAPPLIC						
CTYPE	EYUDA	CPSM	4	LIKE	No	Connection type	4
CTYPE Output valid values	TCPIP						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	7
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Connection name	5
NETNAME	CHAR	INQ	8	DIFF	No	Net name of remote system	6
SERVSTATUS	CVDAS	INQ	4	LIKE	No	Service status	9
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE, GOINGOUT						

CRESJRNL Resource Table

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

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

There are no object specific actions for this resource class.

External resource name**Length**

32

Usage API

API view
No

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2804

Table 125. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 126. CRESJRNL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
JTYPE	CVDAS	CPSM	4	LIKE	No	Journal type	4
JTYPE Output valid values	DISK1, DISK2, DISK2PAUSE, SMF, TAPE1, TAPE2						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	6
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	BINARY	CPSM	2	AVG	Yes	Journal	5
OPENSTATUS	CVDAS	INQ	4	LIKE	No	Open status	7
OPENSTATUS Output valid values	OPENOUTPUT, CLOSED						

CRESJRNM Resource Table

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

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

Instances of this object are only available for CICS systems running the CICS TS for OS/390.

There are no object specific actions for this resource class.

External resource name
Length
 40
Usage API
API view
 No
CMAS context
 No
SCOPE applies
 Yes
Only query CMASs in workload
 No
Object type
 CICSplex SM Manager
Copybook identifier
 EYUt2825

Table 127. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 128. CRESJRN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
JNTYPE	CVDAS	CPSM	4	LIKE	No	Journal type	4
JNTYPE Output valid values	MVS, SMF, DUMMY						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	6
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Journal	5
STATUS	CVDAS	CPSM	4	LIKE	No	Journal status	7
STATUS Output valid values	ENABLED, DISABLED, FAILED						

CRESMODE Resource Table

A CPSM Topology Manager object that describes an instance of an LU6.2 modename within a CICS System. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

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

There are no object specific actions for this resource class.

External resource name

Length
40

Usage API

API view
No

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2807

Table 129. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 130. CRESMODE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CONNNAME-2	CHAR	CPSM	4	DIFF	Yes	Connection	6
CONNSTATUS	CVDAS	INQ	4	LIKE	No	Connection status	7
CONNSTATUS Output valid values	RELEASED, OBTAINING, ACQUIRED, FREEING, AVAILABLE, CLOSED						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Mode name	4

CRESPART Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2817

Table 131. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 132. CRESPART resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically Deleted	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED)						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Partner	4

CRESPRGM Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
48

Usage API

API view
No

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2802

Table 133. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 134. CRESPRGM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ENABLESTATUS	CVDAS	INQ	4	LIKE	No	Enabled status	8
ENABLESTATUS Output valid values	ENABLED, DISABLED						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	7
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Program	4
REMOTENAME	CHAR	CPSM	8	DIFF	No	Program name on remote system	5
REMOTESYSTEM	CHAR	CPSM	4	DIFF	No	Remote system ID	6

CRESPROF Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
Length
 32
Usage API
API view
 No
CMAS context
 No
SCOPE applies
 Yes
Only query CMASs in workload
 No
Object type
 CICSplex SM Manager
Copybook identifier
 EYUt2818

Table 135. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 136. CRESPROF resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically Deleted	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED)						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Profile	4

CRESPTY Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
 32

Usage API
API view
 No
CMAS context
 No
SCOPE applies
 Yes
Only query CMASs in workload
 No
Object type
 CICSplex SM Manager
Copybook identifier
 EYUt2832

Table 137. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 138. CRESPTY resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	No	BTS process type monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	8	DIFF	Yes	BTS process type	4

CRESRQMD Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage

API

API view
No

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2831

Table 139. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 140. CRESRQMD resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Request model	4

CRESSDMP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

40

Usage API

API view

No

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2822

Table 141. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 142. CRESSDMP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	No	System dump monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	8	DIFF	Yes	System dump code	4
SDMPSTATUS	CVDAS	INQ	4	LIKE	No	System dump status	7
SDMPSTATUS Output valid values	SYSDUMP, NOSYSDUMP						
SHUTDSTATUS	CVDAS	INQ	4	LIKE	No	Shutdown status	6
SHUTDSTATUS Output valid values	SHUTDOWN, NOSHUTDOWN						

CRESTCPS Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API
API view
 No
CMAS context
 No
SCOPE applies
 Yes
Only query CMASs in workload
 No
Object type
 CICSplex SM Manager
Copybook identifier
 EYUt2833

Table 143. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 144. CRESTCPS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	8	DIFF	Yes	TCP/IP service	4

CRESTDMP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

40

Usage API

API view

No

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2823

Table 145. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 146. CRESTDMP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	No	Transaction dump monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	4	DIFF	Yes	Transaction dump code	4
SDMPSTATUS	CVDAS	INQ	4	LIKE	No	System dump status	7
SDMPSTATUS Output valid values	SYSDUMP, NOSYSDUMP						
SHUTDSTATUS	CVDAS	INQ	4	LIKE	No	Shutdown status	6
SHUTDSTATUS Output valid values	SHUTDOWN, NOSHUTDOWN						
TDMPSTATUS	CVDAS	INQ	4	LIKE	No	Transaction dump status	8
TDMPSTATUS Output valid values	TRANDUMP, NOTRANDUMP						

CRESTDQ Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
48

Usage API

API view
No

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2805

Table 147. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 148. CRESTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ENABLESTATUS	CVDAS	INQ	4	LIKE	No	Enabled status	9
ENABLESTATUS Output valid values	ENABLED, DISABLED						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	8
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	4	DIFF	Yes	TDQ queue	5
OPENSTATUS	CVDAS	INQ	4	LIKE	No	Open status	10
OPENSTATUS Output valid values	OPEN, OPENING, CLOSED, CLOSING, SWITCHING						
QTYPE	CVDAS	CPSM	4	LIKE	No	TD queue type	4
QTYPE Output valid values	INTRA, EXTRA, REMOTE, INDIRECT						
REMTENAME	CHAR	CPSM	4	DIFF	No	TD queue name on remote system	6
REMOTESYSTEM	CHAR	CPSM	4	DIFF	No	Remote system ID	7

CRESTERM Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

40

Usage

API

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2806

Table 149. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 150. CRESTERM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACQSTATUS	CVDAS	INQ	4	LIKE	No	Acquired status	6
ACQSTATUS Output valid values	ACQUIRED, ACQUIRING, RELEASED						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	4	DIFF	Yes	Terminal	4
NETNAME	CHAR	CPSM	8	DIFF	No	Terminal network name	8

Table 150. CRESTERM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SERVSTATUS	CVDAS	INQ	4	LIKE	No	Service status	7
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE						

CRESTRAN Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

56

Usage

API

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2800

Table 151. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 152. CRESTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ENABLESTATUS	CVDAS	INQ	4	LIKE	No	Enabled status	9
ENABLESTATUS Output valid values	ENABLED, DISABLED						

Table 152. CRESTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
MONSTAT	BIT	CPSM	1	LIKE	No	Transaction monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	8
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	4	DIFF	Yes	Transaction ID	5
PGMNAME	CHAR	CPSM	8	DIFF	No	First program name	10
REMOTENAME	CHAR	CPSM	8	DIFF	No	Transaction ID on remote system	6
REMOTESYSTEM	CHAR	CPSM	4	DIFF	No	Remote system ID	7
TTYPE	EYUDA	CPSM	4	LIKE	No	Transaction type	4
TTYPE Output valid values	LTRAN, RTRAN						

CRESTRUE Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

40

Usage

API

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2824

Table 153. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 154. CRESTRUE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ENTRYNME-2	CHAR	CPSM	8	DIFF	Yes	Entry name	7
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Task-related user exit program	4
STARTSTATUS	CVDAS	INQ	4	LIKE	No	Start status	6
STARTSTATUS Output valid values	STARTED, STOPPED						

CRESTSMD Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage

API

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2829

Table 155. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 156. CRESTSMD resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Temporary storage model	4

CSGLCGCG Resource Table

A CPSM Topology Definition that describes the involuted association link of a CICS system group within an outer system group.

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

There are no object specific actions for this resource class.

External resource name

Length

24

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt4099

Table 157. Valid CPSM operations

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

Table 158. CSGLCGCG FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 158. CSGLCGCG FEEDBACK error codes (continued)

1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists
21	ASSOCIATION	Invalid associated group	22	INCONSISTENT_SETS	inconsistent set
23	CYCLIC_GROUPS	Link causes cyclical groups	24	INCONSISTENT_SCOPES	inconsistent scopes
25	INV_ATTR	Must be a system group			

Table 159. CSGLCGCG resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
GROUP-2	CHAR	CPSM	8	Yes	DIFF	Yes	Group within containing group	5
TOGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name of containing group	6

CSGLCGCS Resource Table

A CPSM Topology Definition that describes the association link of a CICS System to a CICS system group.

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

There are no object specific actions for this resource class.

External resource name

Length

24

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt4098

Table 160. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 160. Valid CPSM operations (continued)

CREATE	MONSPC_INHRT(KEEPINULLNOFORCE)
	RTASPC_INHRT(KEEPINULLNOFORCE)
	WLMSPC_INHRT(KEEPINULLNOFORCE)
REMOVE	MONSPC_INHRT(NONEIKEEPNO)
	RTASPC_INHRT(NONEIKEEPNO)
	WLMSPC_INHRT(NONEIKEEPNO)

Table 161. CSGLCGCS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists
21	ASSOCIATION	Invalid group association	22	INCONSISTENT_SETS	Invalid inconsistent set
23	INCONSISTENT_SCOPES	Inconsistent scopes	24	UNKNOWN_SCOPE	Unknown scope
25	INV_ATTR	Must be a system definition			

Table 162. CSGLCGCS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
CICSNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	CICS system	6
GROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	CICS system group	5

CSYSDEF Resource Table

A CPSM Topology Definition that describes a CICS system to be managed as part of a CICSplex.

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

There are no object specific actions for this resource class.

Some of the attributes of a CICS system definition can be inherited from a Workload Manager, Real Time Analysis, or Monitor specification with which the system is associated. The attribute value you should use to request inheritance varies by field:

TMEZONE

Specify an asterisk (*) to request inheritance in all languages. You should also use an asterisk to request inheritance if you are creating this field by the batched repository-update facility.

TMEZONEO

For the batched repository-update facility and REXX API programs, specify an asterisk (*) to request inheritance. For API programs in all other languages, specify 255 to request inheritance.

RETENTION, CICSSAMP, GLBLSAMP, DBXSAMP, CONNSAMP, FILESAMP, JRNLSPAMP, PROGSAMP, TERMSAMP, TDQSAMP and TRANSAMP

For the batched repository-update facility and REXX API programs, specify an asterisk (*) to request inheritance. For API programs in all other languages, specify -1 to request inheritance.

SAMACTION, SOSACTION, SDMACTION, TDMACTION, MXTACTION, and STLACTION

Specify an asterisk (*) to request inheritance in all languages. You should also use an asterisk to request inheritance if you are creating this field by the batched repository-update facility.

EYUDA

Specify INHERIT when using the batched repository-update facility or REXX API programs. For API programs in all other languages, initialize the field to EYUDA_INHERIT. See the CSYSDEF table below to find the fields of type EYUDA which allow the value INHERIT.

The use of the xxxACTION and xxxSEV attributes is described in “Special attribute and resource table considerations” on page 5.

External resource name

Length

264

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt3500

Table 163. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		MODEL(value)	No
UPDATE		MODEL(value)	No
REMOVE		None	N/A
PERFORM SET	ADDTGRP	MONSPC_INHRT(KEEPINULL) NO FORCE)	No
		RTASPC_INHRT(KEEPINULL) NO FORCE)	No
		TOGROUP(value)	Yes
		WLMSPC_INHRT(KEEPINULL) NO FORCE)	No

Table 164. CSYSDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 164. CSYSDEF FEEDBACK error codes (continued)

1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Group not found	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	6	INV_RESTYPE	Invalid resource type
21	INV_SYS_NAME	Invalid system name	22	INV_MODEL_NAME	Invalid model name
23	INV_RECADDR	Invalid record address	24	INV_RECLEN	Invalid record length
25	INCONSISTENT_SCOPE	BAS inconsistent set	26	INCONSISTENT_SCOPE	Inconsistent Scopes
27	ASSOCIATION	Invalid group association	28	CYCLIC_GROUPS	Link causes cyclic groups
29	CICSSYS_IN_USE	Requested resource in use			

Table 165. CSYSDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ACTVTIME	CHAR	CPSM	8	No	DIFF	No	Period definition name			37
AINSFALL	EYUDA	CPSM	4	Yes	LIKE	No	BAS install failure action	CONTINUE		45
AINSFALL Input/output valid values	CONTINUE, IMMEDIATE, NORMAL, PROMPT, TERMINATE									
APPLID	CHAR	CPSM	8	Yes	DIFF	No	Application ID			43
AUTOINST	EYUDA	CPSM	4	Yes	LIKE	No	Install BAS resources option	NEVER		44
AUTOINST Input/output valid values	NEVER, ALWAYS, COLDFONLY, WARMONLY									
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CICSSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for CICS region monitoring	INHERIT	0-86400	8
CONNSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for connection monitoring	INHERIT	0-86400	11
DAYLGHTSV	EYUDA	CPSM	4	Yes	LIKE	No	Daylight savings in effect	INHERIT		41
DAYLGHTSV Input/output valid values	YES, NO, INHERIT									

Table 165. CSYSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
DBXSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for DB2/DBCTRL monitoring	INHERIT	0-86400	10
DESC	CHAR	CPSM	58	No	DIFF	No	Description			38
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	47
DYNROUTE	EYUDA	CPSM	4	Yes	LIKE	No	Target region active at startup	YES		6
DYNROUTE Input/output valid values	YES, NO									
FILESAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for file monitoring	INHERIT	0-86400	12
GLBLSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for global region monitoring	INHERIT	0-86400	9
JRNLSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for journal monitoring	INHERIT	0-86400	13
MONSTATUS	EYUDA	CPSM	4	Yes	LIKE	No	Monitoring status	INHERIT		18
MONSTATUS Input/output valid values	YES, NO, INHERIT									
MXTACTION	CHAR	CPSM	8	No	DIFF	No	Action for CICS-at-maximum-tasks event			34
MXTSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for CICS-at-maximum-tasks event	HS		28
MXTSEV Input/output valid values	N_A, NO, VLS, LS, LW, HW, HS, VHS, INHERIT									
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	CICS system definition name			5
PRICMAS	CHAR	CPSM	8	No	DIFF	No	Primary CMAS name			36
PROGSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for program monitoring	INHERIT	0-86400	14

Table 165. CSYSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
RETENTION	BINARY	CPSM	4	Yes	AVG	No	Time data is kept after monitoring stops (minutes)	INHERIT	0-1440	7
RTASTATUS	EYUDA	CPSM	4	Yes	LIKE	No	Real time analysis status	YES		19
RTASTATUS Input/output valid values	YES, NO, SAM, MRM									
SAMACTION	CHAR	CPSM	8	No	DIFF	No	Action for system availability monitoring event			30
SAMSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for system availability monitoring event	VHS		24
SAMSEV Input/output valid values	N_A, NO, VLS, LS, LW, HW, HS, VHS, INHERIT									
SDMACTION	CHAR	CPSM	8	No	DIFF	No	Action for system dump event			32
SDMSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for system dump event	VHS		26
SDMSEV Input/output valid values	N_A, NO, VLS, LS, LW, HW, HS, VHS, INHERIT									
SECBYPASS	EYUDA	CPSM	4	Yes	LIKE	No	Exemption from simulated security checks	INHERIT		23
SECBYPASS Input/output valid values	YES, NO, INHERIT									
SECCMDCHK	EYUDA	CPSM	4	Yes	LIKE	No	Simulated CICS-command security checking status	INHERIT		21
SECCMDCHK Input/output valid values	YES, NO, INHERIT									
SECRESCHK	EYUDA	CPSM	4	Yes	LIKE	No	Simulated CICS-resource security checking status	INHERIT		22

Table 165. CSYSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
SECRECHK Input/output valid values	YES, NO, INHERIT									
SOSACTION	CHAR	CPSM	8	No	DIFF	No	Action for short on storage (SOS) event			31
SOSSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for short-on-storage (SOS) event	HS		25
SOSSEV Input/output valid values	N_A, NO, VLS, LS, LW, HW, HS, VHS, INHERIT									
STLACTION	CHAR	CPSM	8	No	DIFF	No	Action for CICS-stalled event			35
STLSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for CICS-stalled event	VHS		29
STLSEV Input/output valid values	N_A, NO, VLS, LS, LW, HW, HS, VHS, INHERIT									
SYSID	CHAR	CPSM	4	Yes	DIFF	No	System ID			46
TDMACTION	CHAR	CPSM	8	No	DIFF	No	Action for transaction dump event			33
TDMSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for transaction dump event	HW		27
TDMSEV Input/output valid values	N_A, NO, VLS, LS, LW, HW, HS, VHS, INHERIT									
TDQSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for TDQ monitoring	INHERIT	0-86400	16
TERMSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for terminal monitoring	INHERIT	0-86400	15
TMEZONE	CHAR	CPSM	1	Yes	DIFF	No	Time zone	*		40
TMEZONEO	BINARY	CPSM	1	Yes	AVG	No	Time zone offset	*	0-59	39
TRANSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for transaction monitoring	INHERIT	0-86400	17
WLMSTATUS	EYUDA	CPSM	4	Yes	LIKE	No	Routing region active at startup	YES		20

Table 165. CSYSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
WLMSTATUS Input/output valid values	YES, NO									

CSYSGRP Resource Table

A CPSM Topology Definition that describes a CICS system group, which is used to describe the scope for a CICSplex.

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

External resource name

Length

80

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt3501

Table 166. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDTGRP	TOGROUP(value)	Yes

Table 167. CSYSGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Group does not exist	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	21	INV_GROUP	Invalid group
22	SYSGROUP_IN_USE	System group in use	23	ASSOCIATION	Togroup matches group

Table 167. CSYSGRP FEEDBACK error codes (continued)

24	INCONSISTENT_S	SMAS inconsistent set	25	CYCLIC_GROUPS	Link causes cyclic groups
26	INCONSISTENT_S	CBAS inconsistent set			

Table 168. CSYSGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed			1
DESC	CHAR	CPSM	58	No	DIFF	No	Description			6
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	7
GROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	System group name			5

D2CINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a DB2 connection definition (DB2CDEF) in a resource group (RESGROUP). A DB2CDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is DB2CGROUP.

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6162

Table 169. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 169. Valid CPSM operations (continued)

CREATE	None	N/A
REMOVE	None	N/A

Table 170. D2CINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 171. D2CINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
DB2CGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
DB2CNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	DB2 connection definition name	6
DB2CVER-3	BINARY	CPSM	1	Yes	AVG	Yes	DB2 connection definition version	7

D2EINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a DB2 entry definition (DB2EDEF) in a resource group (RESGROUP). A DB2EDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is DB2EGROUP.

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type
CICSplex SM Definition

Copybook identifier
EYUt6163

Table 172. Valid CPSM operations

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

Table 173. D2EINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 174. D2EINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
DB2EGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
DB2ENAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	DB2 entry definition name	6
DB2EVER-3	BINARY	CPSM	1	Yes	AVG	Yes	DB2 entry definition version	7

D2TINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a DB2 transaction definition (DB2TDEF) in a resource group (RESGROUP). A DB2TDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is DB2TGROUP.

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Definition

Copybook identifier
EYUt6164

Table 175. Valid CPSM operations

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

Table 176. D2TINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 177. D2TINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
DB2TGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
DB2TNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	DB2 transaction definition name	6
DB2TVER-3	BINARY	CPSM	1	Yes	AVG	Yes	DB2 transaction definition version	7

DB2CDEF Resource Table

A CICS Definition that describes the connection properties of a DB2 connection.

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

The following actions are supported:

INSTALL

Install a DB2 connection definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length

240

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3817

Table 178. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO)	No
		MODE(value)	No
		NOTIFY(NO INACTIVE RELEASE IFULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET RELATED BOTH NONE)	No
		RELATED(value)	No
		STATECHK(YESINO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 179. DB2CDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found

Table 179. DB2CDEF FEEDBACK error codes (continued)

13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED_SYSTEM	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 180. DB2CDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ACCOUNTREC	CVDAS	CPSM	4	Yes	LIKE	No	Accounting record option	NONE		22
ACCOUNTREC Input/output valid values	NONE, UOW, TASK, TXID									
AUTHID	CHAR	CPSM	8	No	DIFF	No	Pool thread authorization ID			23
AUTHTYPE	CVDAS	CPSM	4	Yes	LIKE	No	Pool thread authorization type	NOTAPPLIC		24
AUTHTYPE Input/output valid values	USERID, GROUP, TERM, TX, OPID, SIGN, NOTAPPLIC									
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1

Table 180. DB2CDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
COMAUTHID	CHAR	CPSM	8	No	DIFF	No	Command thread authorization ID			32
COMAUTHTYPE	CVDAS	CPSM	4	Yes	LIKE	No	Command thread authorization type	NOTAPPLIC		33
COMAUTHTYPE Input/output valid values	USERID, GROUP, TERM, TX, OPID, SIGN, NOTAPPLIC									
COMTHREADLIM	CHAR	CPSM	4	Yes	DIFF	No	Maximum number of command threads	3	0-2000	31
CONNECTERROR	CVDAS	CPSM	4	Yes	LIKE	No	Connection error processing option	SQLCODE		9
CONNECTERROR Input/output valid values	ABEND, SQLCODE									
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			34
DB2GROUPID	CHAR	CPSM	4	No	DIFF	No	DB2 data sharing group ID			40
DB2ID	CHAR	CPSM	4	No	DIFF	No	DB2 subsystem ID			10
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15	5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	42
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			38
DROLLBACK	EYUDA	CPSM	4	Yes	LIKE	No	Deadlock resolution rollback option	YES		25
DROLLBACK Input/output valid values	YES, NO									
MSGQUEUE1	CHAR	CPSM	4	Yes	DIFF	No	Unsolicited error message TDQ name 1	CDB2		11
MSGQUEUE2	CHAR	CPSM	4	No	DIFF	No	Unsolicited error message TDQ name 2			12
MSGQUEUE3	CHAR	CPSM	4	No	DIFF	No	Unsolicited error message TDQ name 3			13

Table 180. DB2CDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
NONTERMREL	EYUDA	CPSM	4	Yes	LIKE	No	Non-terminal transaction thread-release option	YES		14
NONTERMREL Input/output valid values	YES, NO									
PLAN	CHAR	CPSM	8	No	DIFF	No	Name of plan used for pool			26
PLANEXITNAME	CHAR	CPSM	8	No	DIFF	No	Name of dynamic plan exit used for pool threads			27
PRIORITY	CVDAS	CPSM	4	Yes	LIKE	No	Subtask priority	HIGH		28
PRIORITY Input/output valid values	HIGH, LOW, EQUAL									
PURGECYCLEM	CHAR	CPSM	2	Yes	DIFF	No	Protected thread purge cycle (minutes)	0	0-59	15
PURGECYCLES	CHAR	CPSM	2	Yes	DIFF	No	Protected thread purge cycle (seconds)	30	0-59	16
RESYNCMEMBER	EYUDA	CPSM	4	Yes	LIKE	No	Resynchronization member	YES		41
RESYNCMEMBER Input/output valid values	YES, NO									
SIGNID	CHAR	CPSM	8	No	DIFF	No	Authorization ID used by CICS-DB2 attach			17
STANDBYMODE	CVDAS	CPSM	4	Yes	LIKE	No	Standby mode	RECONNECT		18
STANDBYMODE Input/output valid values	RECONNECT, NOCONNECT, CONNECT									
STATSQUEUE	CHAR	CPSM	4	Yes	DIFF	No	Attachment statistics TDQ name	CDB2		19
TCBLIMIT	CHAR	CPSM	4	Yes	DIFF	No	Maximum number of subtask TCBs	12	4-2000	20
THREADERROR	CVDAS	CPSM	4	Yes	LIKE	No	Action following thread error	N906D		21

Table 180. DB2CDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
THREADERROR Input/output valid values	ABEND, N906D, N906									
THREADLIMIT	CHAR	CPSM	4	Yes	DIFF	No	Maximum number of pool threads	3	3-2000	30
THREADWAIT	EYUDA	CPSM	4	Yes	LIKE	No	Thread wait option	YES		29
THREADWAIT Input/output valid values	YES, NO									
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1			35
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2			36
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3			37

DB2CONN Resource Table

A CICS Resource that describes a DB2 connection in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

REBUILD

Rebuild the security environment.

CONNECT

Connect to the DB2 environment.

The CONNECT action does have a parameter, BUSY, but this is ignored and deprecated. Applications should not specify the BUSY parameter. Note that the BUSY parameter still applies to DISCONNECT and is a required parameter.

DISCONNECT

Disconnect from the DB2 environment.

The parameter data for the DISCONNECT action is:

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

where *cvda* is required and is one of the following valid CVDA values for the DB2 connection busy condition:

```
WAIT
NOWAIT
FORCE
```

FORCE

Force disconnection from the DB2 environment.

DISCARD

Discard the DB2 connection.

External resource name

Length

328

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0086

Table 181. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	REBUILD	None	N/A
	CONNECT	BUSY(value)	No
	DISCONNECT	BUSY(WAITINOWAITIFORCE	Yes
	FORCE	None	N/A
	DISCARD	None	N/A

Table 182. DB2CONN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACCOUNTREC	CVDAS	INQ	4	LIKE	Yes	Accounting record option	2
ACCOUNTREC Input/output valid values	UOW, TXID, NONE, TASK						
AUTHID	CHAR	INQ	8	DIFF	Yes	Pool thread authorization ID	3
AUTHTYPE	CVDAS	INQ	4	LIKE	Yes	Pool thread authorization type	4
AUTHTYPE Input/output valid values	GROUP, SIGN, TERM, TX, OPID, USERID						
CCALLS	CNUMERIC	STAT	4	AVG	No	Number of calls using command threads	55
COMAUTHID	CHAR	INQ	8	DIFF	Yes	Command thread authorization ID	7
COMAUTHTYPE	CVDAS	INQ	4	LIKE	Yes	Command thread authorization type	8
COMAUTHTYPE Input/output valid values	CGROUP, CSIGN, CTERM, CTX, COPID, CUSERID						
COMTHREADLIM	CNUMERIC	INQ	4	AVG	Yes	Maximum number of command threads	6

Table 182. DB2CONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
COMTHREADS	CNUMERIC	INQ	4	AVG	No	Number of active command threads	5
CONNECTERROR	CVDAS	INQ	4	LIKE	Yes	Connection error processing option	9
CONNECTERROR Input/output valid values	ABEND, SQLCODE						
CONNECTST	CVDAS	INQ	4	LIKE	Yes	Connection status	10
CONNECTST Input/output valid values	CONNECTED, NOTCONNECTED						
CONNECTST Output valid values	CONNECTING, DISCONNING						
CSIGNONS	CNUMERIC	STAT	4	AVG	No	Number of command thread signons	56
CTCURR	CNUMERIC	STAT	4	AVG	No	Current number of command threads	60
CTHWM	CNUMERIC	STAT	4	AVG	No	Peak number of command threads	61
CTIMEGMT	TIMESTP	STAT	8	MAX	No	GMT connect time	32
CTIMELOC	TIMESTP	STAT	8	MAX	No	Local connect time	33
CTLIMIT	CNUMERIC	STAT	4	AVG	No	Maximum number of command threads	59
CTOVERF	CNUMERIC	STAT	4	AVG	No	Number of command thread overflows to pool	58
CTTERM	CNUMERIC	STAT	4	AVG	No	Number of command thread terminations	57
DB2GROUPID	CHAR	INQ	4	DIFF	Yes	DB2 data sharing group ID	65
DB2ID	CHAR	INQ	4	DIFF	Yes	DB2 subsystem ID	11
DB2RELEASE	CHAR	INQ	4	DIFF	No	DB2 version and release	12
DROLLBACK	CVDAS	INQ	4	LIKE	No	Deadlock resolution rollback option	13
DROLLBACK Output valid values	ROLLBACK, NOROLLBACK						
DTIMEGMT	TIMESTP	STAT	8	MAX	No	GMT disconnect time	34
DTIMELOC	TIMESTP	STAT	8	MAX	No	Local disconnect time	35
MSGQUEUE1	CHAR	INQ	4	DIFF	Yes	Unsolicited error message TDQ name 1	14
MSGQUEUE2	CHAR	INQ	4	DIFF	Yes	Unsolicited error message TDQ name 2	15
MSGQUEUE3	CHAR	INQ	4	DIFF	Yes	Unsolicited error message TDQ name 3	16
NAME-1	CHAR	INQ	8	DIFF	Yes	DB2 connection name	1
NONTERMREL	CVDAS	INQ	4	LIKE	Yes	Non-terminal transaction thread-release option	17
NONTERMREL Input/output valid values	RELEASE, NORELEASE						
PABORTS	CNUMERIC	STAT	4	AVG	No	Number of pool thread aborts	42
PCALLS	CNUMERIC	STAT	4	AVG	No	Number of calls using pool threads	39
PCOMMITS	CNUMERIC	STAT	4	AVG	No	Number of pool thread commits	41
PLAN	CHAR	INQ	8	DIFF	Yes	Name of plan used for pool	18
PLANEXITNAME	CHAR	INQ	8	DIFF	Yes	Name of dynamic plan exit used for pool threads	19
PRIORITY	CVDAS	INQ	4	LIKE	Yes	Subtask priority	20
PRIORITY Input/output valid values	HIGH, EQUAL, LOW						

Table 182. DB2CONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
PRQCUR	CNUMERIC	STAT	4	AVG	No	Current number of tasks waiting for pool thread	53
PRQHWM	CNUMERIC	STAT	4	AVG	No	Peak number of tasks waiting for pool thread	54
PSIGNONS	CNUMERIC	STAT	4	AVG	No	Number of pool thread signons	40
PSPHASE	CNUMERIC	STAT	4	AVG	No	Number of units of work with single phase commit	43
PTCURR	CNUMERIC	STAT	4	AVG	No	Current number of active pool threads	48
PTHWM	CNUMERIC	STAT	4	AVG	No	Peak number of active pool threads	49
PTLIMIT	CNUMERIC	STAT	4	AVG	No	Maximum number of pool threads	47
PTREUSE	CNUMERIC	STAT	4	AVG	No	Number of times transactions reused pool threads	44
PTTERM	CNUMERIC	STAT	4	AVG	No	Number of times threads terminated	45
PTWAIT	CNUMERIC	STAT	4	AVG	No	Number of pool thread waits	46
PURGECYCLEM	CNUMERIC	INQ	4	AVG	Yes	Protected thread purge cycle (minutes)	21
PURGECYCLES	CNUMERIC	INQ	4	AVG	Yes	Protected thread purge cycle (seconds)	22
PXCURR	CNUMERIC	STAT	4	AVG	No	Current number of tasks using a pool thread	50
PXHWM	CNUMERIC	STAT	4	AVG	No	Peak number of tasks using a pool thread	51
PXTOTAL	CNUMERIC	STAT	4	AVG	No	Total number of tasks that used a pool thread	52
RESYNCMEMBER	CVDAS	INQ	4	LIKE	Yes	Resynchronization member	66
RESYNCMEMBER Input/output valid values	RESYNC, NORESYNC						
SIGNID	CHAR	INQ	8	DIFF	Yes	Authorization ID used by CICS-DB2 attach	23
STANDBYMODE	CVDAS	INQ	4	LIKE	Yes	Standby mode action	31
STANDBYMODE Input/output valid values	NOCONNECT, CONNECT, RECONNECT						
STATSQUEUE	CHAR	INQ	4	DIFF	Yes	Attachment statistics TDQ name	24
TCBFREE	CNUMERIC	STAT	4	AVG	No	Current number of free subtask TCBS	62
TCBLIMIT	CNUMERIC	INQ	4	AVG	Yes	Maximum number of subtask TCBS	26
TCBRDYQCURR	CNUMERIC	STAT	4	AVG	No	Current number of tasks waiting for a subtask TCB	63
TCBRDYQHWM	CNUMERIC	STAT	4	AVG	No	Peak number of tasks waiting for a subtask TCB	64
TCBS	CNUMERIC	INQ	4	AVG	No	Current number of subtask TCBS	25
TCURR	CNUMERIC	STAT	4	AVG	No	Current number of subtask TCBS	37
THREADERROR	CVDAS	INQ	4	LIKE	No	Action following thread error	27
THREADERROR Output valid values	ABEND, N906D, N906						
THREADLIMIT	CNUMERIC	INQ	4	AVG	Yes	Maximum number of pool threads	29
THREADS	CNUMERIC	INQ	4	AVG	No	Number of active pool threads	30
THREADWAIT	CVDAS	INQ	4	LIKE	Yes	Thread wait option	28
THREADWAIT Input/output valid values	TWAIT, NOTWAIT						
THWM	CNUMERIC	STAT	4	AVG	No	Peak number of subtask TCBS	38

Table 182. DB2CONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
TLIMIT	CNUMERIC	STAT	4	AVG	No	Current maximum number of subtask TCBs	36

DB2EDEF Resource Table

A CICS Definition that describes the properties of a DB2 entry definition.

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

The following actions are supported:

INSTALL

Install a DB2 entry definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length

176

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3818

Table 183. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES/NO)	No
		MODE(value)	No
		NOTIFY(NO/INACTIVE/RELEASE/IFULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET/RELATED/BOTH/NONE)	No
		RELATED(value)	No
		STATECHK(YES/NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes

Table 183. Valid CPSM operations (continued)

ADDTGRP	RESGROUP(value)	Yes
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Table 184. DB2EDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 185. DB2EDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ACCOUNTREC	CVDAS	CPSM	4	Yes	LIKE	No	Accounting record option	NONE		10

Table 185. DB2EDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ACCOUNTREC Input/output valid values	NONE, UOW, TASK, TXID									
AUTHID	CHAR	CPSM	8	No	DIFF	No	Thread authorization ID			12
AUTHTYPE	CVDAS	CPSM	4	Yes	LIKE	No	Authorization type	NOTAPPLIC		13
AUTHTYPE Input/output valid values	NOTAPPLIC, GROUP, SIGN, TERM, TX, OPID, USERID									
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			20
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15	5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	25
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			24
DROLLBACK	EYUDA	CPSM	4	Yes	LIKE	No	Deadlock rollback option	YES		14
DROLLBACK Input/output valid values	YES, NO									
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
PLAN	CHAR	CPSM	8	No	DIFF	No	Plan name			15
PLANEXITNAME	CHAR	CPSM	8	No	DIFF	No	Dynamic plan exit name			16
PRIORITY	CVDAS	CPSM	4	Yes	LIKE	No	Subtask priority	HIGH		17
PRIORITY Input/output valid values	HIGH, EQUAL, LOW									
PROTECTNUM	CHAR	CPSM	4	Yes	DIFF	No	Maximum number of protected threads	0	0-2000	18
THREADLIMIT	CHAR	CPSM	4	Yes	DIFF	No	Maximum number of active threads	0	0-2000	11
THREADWAIT	EYUDA	CPSM	4	Yes	LIKE	No	Thread wait option	POOL		19
THREADWAIT Input/output valid values	POOL, YES, NO									
TRANSID	CHAR	CPSM	4	Yes	DIFF	No	Transaction ID			9
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1			21
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2			22

Table 185. DB2EDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3			23

DB2ENTRY Resource Table

A CICS Resource that describes a DB2 entry in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

DISCARD

Discard the DB2 entry.

DISABLE

Disable the DB2 entry.

The parameter data for the DISABLE action is:

PARM('BUSY(*cvda*).')

where *cvda* is required and is one of the following valid CVDA values for the DB2 entry busy condition:

WAIT
NOWAIT
FORCE

External resource name

Length

168

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0087

Table 186. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISABLE	BUSY(WAITINOWAITIFORCE)	Yes

Table 186. Valid CPSM operations (continued)

DISCARD	None	N/A
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Table 187. DB2ENTRY resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ABORTS	CNUMERIC	STAT	4	AVG	No	Number of aborts	19
ACCOUNTREC	CVDAS	INQ	4	LIKE	Yes	Accounting record option	2
ACCOUNTREC Input/output valid values	NONE, TASK, TXID, UOW						
AUTHID	CHAR	INQ	8	DIFF	Yes	Thread authorization ID	6
AUTHTYPE	CVDAS	INQ	4	LIKE	Yes	Authorization type	7
AUTHTYPE Input/output valid values	GROUP, SIGN, TERM, TX, OPID, USERID						
CALLS	CNUMERIC	STAT	4	AVG	No	Number of calls	16
COMMITTS	CNUMERIC	STAT	4	AVG	No	Number of commits	18
DISABLEDACT	CVDAS	INQ	4	LIKE	Yes	Disabled action	3
DISABLEDACT Input/output valid values	ABEND, SQLCODE, POOL						
DROLLBACK	CVDAS	INQ	4	LIKE	No	Deadlock rollback option	8
DROLLBACK Output valid values	ROLLBACK, NOROLLBACK						
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enabled status	9
ENABLESTATUS Input/output valid values	ENABLED, DISABLED						
ENABLESTATUS Output valid values	DISABLING						
NAME-1	CHAR	INQ	8	DIFF	Yes	DB2 entry name	1
PLAN	CHAR	INQ	8	DIFF	Yes	Plan name	10
PLANEXITNAME	CHAR	INQ	8	DIFF	Yes	Dynamic plan exit name	11
PRIORITY	CVDAS	INQ	4	LIKE	Yes	Subtask priority	12
PRIORITY Input/output valid values	HIGH, EQUAL, LOW						
PROTECTNUM	CNUMERIC	INQ	4	AVG	Yes	Maximum number of protected threads	15
PTCURR	CNUMERIC	STAT	4	AVG	No	Current number of protected threads	28
PTHREADS	CNUMERIC	INQ	4	AVG	No	Number of protected threads	4
PTHWM	CNUMERIC	STAT	4	AVG	No	Peak number of protected threads	29
PTLIM	CNUMERIC	STAT	4	AVG	No	Maximum number of protected threads	27
RQCUR	CNUMERIC	STAT	4	AVG	No	Current number of tasks waiting for thread	33
RQHWM	CNUMERIC	STAT	4	AVG	No	Peak number of tasks waiting for thread	34
SIGNONS	CNUMERIC	STAT	4	AVG	No	Number of signons	17
SPHASE	CNUMERIC	STAT	4	AVG	No	Number of UOWs with single phase commit	20

Table 187. DB2ENTRY resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
TCURR	CNUMERIC	STAT	4	AVG	No	Current number of threads	25
THREADLIMIT	CNUMERIC	INQ	4	AVG	Yes	Maximum number of active threads	14
THREADS	CNUMERIC	INQ	4	AVG	No	Number of active threads	5
THREADWAIT	CVDAS	INQ	4	LIKE	Yes	Thread wait option	13
THREADWAIT Input/output valid values	TWAIT, NOTWAIT, TPOOL						
THWM	CNUMERIC	STAT	4	AVG	No	Peak number of active threads	26
TLIMIT	CNUMERIC	STAT	4	AVG	No	Maximum number of threads	24
TREUSE	CNUMERIC	STAT	4	AVG	No	Number of times threads reused	21
TTERM	CNUMERIC	STAT	4	AVG	No	Number of times threads terminated	22
TWORO	CNUMERIC	STAT	4	AVG	No	Number of thread waits or overflows	23
XCURR	CNUMERIC	STAT	4	AVG	No	Current number of tasks	30
XHWM	CNUMERIC	STAT	4	AVG	No	Peak number of tasks	31
XTOTAL	CNUMERIC	STAT	4	AVG	No	Total number of tasks	32

DB2SS Resource Table

A CICS Resource that describes the attachment between an active CICS system and a DB2 subsystem.

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

There are no object specific actions for this resource class.

External resource name

Length

80

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0032

Table 188. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 189. DB2SS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CURTHREAD	BINARY	CPSM	4	AVG	No	Number of current active tasks	11
ERRDEST1	CHAR	CPSM	4	DIFF	No	First error destination	8
ERRDEST2	CHAR	CPSM	4	DIFF	No	Second error destination	9
ERRDEST3	CHAR	CPSM	4	DIFF	No	Third error destination	10
LOCATION	CHAR	CPSM	4	DIFF	No	MVS system ID	2
MAXTHREAD	BINARY	CPSM	4	AVG	No	Maximum number of threads	12
NAME-1	CHAR	CPSM	4	DIFF	Yes	DB2 ID	1
PLANENTRTRC	BINARY	CPSM	2	AVG	No	Plan allocation entry trace ID	13
PLANEXITTRC	BINARY	CPSM	2	AVG	No	Plan allocation exit trace ID	14
RCTNAME	CHAR	CPSM	8	DIFF	No	Resource control table	6
RELEASE	CHAR	CPSM	4	DIFF	No	DB2 subsystem release level	3
SNAPCLASS	CHAR	CPSM	1	DIFF	No	Snap dump output class	16
SQLTRCID	BINARY	CPSM	2	AVG	No	SQL trace ID	15
STATSDEST	CHAR	CPSM	4	DIFF	No	Transient data destination for CICS DB2 statistics	7
STATUS	EYUDA	CPSM	4	LIKE	No	DB2 CICS attachment status	4
STATUS Output valid values	ACTIVE, INACTIVE, WAITING, QUIESCING, CONNECTING, DISCONNING						
WAIT	EYUDA	CPSM	4	LIKE	No	Wait for DB2 subsystem option	5
WAIT Output valid values	YES, NO, RECONNECT						

DB2TDEF Resource Table

A CICS Definition that describes the relationship between a transaction and its related DB2 Entry.

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

The following actions are supported:

INSTALL

Install a DB2 transaction definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length

128

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3819

Table 190. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO)	No
		MODE(value)	No
		NOTIFY(NOINACTIVEIRELEASEIFFULL)	No
		OVERRIDE	No
		OVERTYPE(TARGETIRELATEDIBOTHINONE)	No
		RELATED(value)	No
		STATECHK(YESINO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 191. DB2TDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope

Table 191. DB2TDEF FEEDBACK error codes (continued)

35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 192. DB2TDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			11
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15	5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	16
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			15
ENTRY	CHAR	CPSM	8	Yes	DIFF	No	Name of associated DB2 entry			9
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
TRANSID	CHAR	CPSM	4	Yes	DIFF	No	Transaction ID associated with DB2 entry			10
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1			12
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2			13
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3			14

DB2THRD Resource Table

A CICS Resource that describes an attachment thread from an active CICS system to a DB2 subsystem.

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

External resource name

Length

96

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0033

Table 193. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 194. DB2THRDL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ABORTCNT	BINARY	CPSM	4	AVG	No	Number of aborts	14
AUTHCNT	BINARY	CPSM	4	AVG	No	Number of authorizations performed	11
AUTHTYPE	EYUDA	CPSM	4	LIKE	No	Authorization type	2
AUTHTYPE Output valid values	USER, TERMID, TRANID, SIGNID, CHARSTR, USERID, RACFGID, NULL, NA						
CURTHREADS	BINARY	CPSM	2	AVG	No	Number of current threads	6
DPMODE	EYUDA	CPSM	4	LIKE	No	Dispatching mode	3
DPMODE Output valid values	HIGH, LOW, EQ						
INITTRAN-1	CHAR	CPSM	4	DIFF	Yes	Initial transaction	1
MAXTHREADS	BINARY	CPSM	2	AVG	No	Maximum number of threads	5
NAME	CHAR	CPSM	4	DIFF	No	DB2 subsystem	18
OTHERIDS	BINARY	CPSM	4	AVG	No	Number of transactions in group	16
PLANNAME	CHAR	CPSM	8	DIFF	No	Plan	10
PLANPRGM	CHAR	CPSM	8	DIFF	No	Dynamic plan exit for pool threads	9
READCOMMIT	BINARY	CPSM	4	AVG	No	Number of read-only commits	15
ROLLBACKOPT	EYUDA	CPSM	4	LIKE	No	Rollback option	4
ROLLBACKOPT Output valid values	YES, NO						
RSVTHREADS	BINARY	CPSM	4	AVG	No	Number of reserved threads	7

Table 194. DB2THRD resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
THREADHWM	BINARY	CPSM	2	AVG	No	Peak number of concurrent threads in use	17
THREADWAIT	BINARY	CPSM	4	AVG	No	Number of thread waits	13
THREADWOPT	EYUDA	CPSM	4	LIKE	No	Thread wait option	8
THREADWOPT Output valid values	TWAIT, NOTWAIT, POOL, YES, NO, NA						
USECOUNT	BINARY	CPSM	4	AVG	No	Number of times plan used	12

DB2TRAN Resource Table

A CICS Resource that describes a transaction defined as using a DB2 thread and resource.

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

There are no object specific actions for this resource class.

External resource name

Length

24

Usage API

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0034

Table 195. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 196. DB2TRAN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
INITTRAN-1	CHAR	CPSM	4	DIFF	Yes	Initial transaction	1
NAME-2	CHAR	CPSM	4	DIFF	Yes	Associated transaction ID	2

DB2TRN Resource Table

A CICS Resource that describes a DB2 transaction in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

DISCARD

Discard the DB2 transaction.

These actions require no unique parameter data.

External resource name

Length

56

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0088

Table 197. Valid CPSM operations

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

Table 198. DB2TRN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
DB2ENTRY	CHAR	INQ	8	DIFF	Yes	DB2 entry name for DB2TRN	2
NAME-1	CHAR	INQ	8	DIFF	Yes	DB2 transaction name	1
PLAN	CHAR	CPSM	8	DIFF	No	Plan name	4
PLANEXITNAME	CHAR	CPSM	8	DIFF	No	Plan exit name	5
TRANSID	CHAR	INQ	4	DIFF	Yes	Transaction ID associated with DB2 entry	3

DBCTLSS Resource Table

A CICS Resource that describes the connection of an active CICS system to a DBCTRL subsystem.

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

There are no object specific actions for this resource class.

External resource name

Length

104

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0031

Table 199. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 200. DBCTLSS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CICSNAME	CHAR	CPSM	8	DIFF	No	CICS system name used to attach	4
DBCTLOVERRIDE	CHAR	CPSM	4	DIFF	No	DBCTL ID override	16
LOCATION	CHAR	CPSM	4	DIFF	No	MVS system ID	2
MAXTHRDCNT	BINARY	CPSM	4	AVG	No	Number of times maximum threads reached	12
MAXTHRDTIME	BINARY	CPSM	4	AVG	No	Elapsed time at maximum threads condition	13
MAXTHREAD	BINARY	CPSM	2	AVG	No	Maximum number of threads	10
MINTHRDCNT	BINARY	CPSM	4	AVG	No	Number of times minimum threads reached	11
MINTHREAD	BINARY	CPSM	2	AVG	No	Minimum number of threads	9
NAME-1	CHAR	CPSM	4	DIFF	Yes	DBCTL subsystem name	1
PEAKTHREADS	BINARY	CPSM	4	AVG	No	Peak number of threads in use	14
PRPNAME	CHAR	CPSM	8	DIFF	No	Fully qualified startup table name	5

Table 200. DBCTLSS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
PSBSCHED	BINARY	CPSM	4	AVG	No	Number of times PSB successfully scheduled	15
RSENAME	CHAR	CPSM	8	DIFF	No	Recoverable Service Element (RSE) name	6
STATUS	EYUDA	CPSM	4	LIKE	No	DBCTL CICS attachment status	3
STATUS Output valid values	ACTIVE, INACTIVE, WAITING						
TIMEOFF	TIMESTP	CPSM	8	MAX	No	Time at which disconnect occurred	8
TIMEON	TIMESTP	CPSM	8	MAX	No	Time at which connect occurred	7

DOCDEF Resource Table

A CICS Definition that describes a document template.

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

The following actions are supported:

INSTALL

Install a document Template Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length

488

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3824

Table 201. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value) RESGROUP(value)	No No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO)	No

Table 201. Valid CPSM operations (continued)

	MODE(value)	No
	NOTIFY(NO INACTIVE RELEASE IFULL)	Yes
	OVERRIDE	No
	OVERTYPE(TARGET RELATED BOTH NONE)	No
	RELATED(value)	No
	STATECHK(YES NO)	No
	TARGET(value)	Yes
	USAGE(LOCAL)	Yes
ADDTOGRP	RESGROUP(value)	Yes

Table 202. DOCDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system

Table 202. DOCDEF FEEDBACK error codes (continued)

53	MISSING_RELSYS	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
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Table 203. DOCDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
APPENDCRLF	EYUDA	CPSM	4	Yes	LIKE	No	Carriage return line feed (CRLF) append option	YES		23
APPENDCRLF Input/output valid values	YES, NO									
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			16
DDNAME	CHAR	CPSM	8	No	DIFF	No	DDname of partitioned data set			10
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15	5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	26
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			20
DOCTYPE	CVDAS	CPSM	4	Yes	LIKE	No	Document content type	EBCDIC		24
DOCTYPE Input/output valid values	EBCDIC, BINARY									
EXITPGM	CHAR	CPSM	8	No	DIFF	No	Exit program name			8
FILE	CHAR	CPSM	8	No	DIFF	No	File name			9
HFSFILE	CHAR	CPSM	255	No	DIFF	No	Hierarchical File System template file			25
MEMBERNAME	CHAR	CPSM	8	No	DIFF	No	Member of partitioned data set			11
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
PROGRAM	CHAR	CPSM	8	No	DIFF	No	Program name			12
TDQUEUE	CHAR	CPSM	4	No	DIFF	No	Transient data queue name			14
TEMPLATENAME	CHAR	CPSM	48	No	DIFF	No	Document template name			21
TSQUEUE	CHAR	CPSM	16	No	DIFF	No	Temporay storage queue name			13

Table 203. DOCDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1			17
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2			18
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3			19

DOCINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6169

Table 204. Valid CPSM operations

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

Table 205. DOCINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type

Table 205. DOCINGRP FEEDBACK error codes (continued)

7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 206. DOCINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
DOCGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
DOCNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	Document template definition name	6
DOCVER-3	BINARY	CPSM	1	Yes	AVG	Yes	Document template definition version	7

DOCTEMP Resource Table

A CICS Resource that describes a Document Template in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

DISCARD

Discard a Document Template

These actions require no unique parameter data.

External resource name

Length

472

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0105

Table 207. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 207. Valid CPSM operations (continued)

GET			None	N/A
SET			None	N/A
PERFORM SET	DISCARD		None	N/A
	NEWCOPY		None	N/A

Table 208. DOCTEMP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
APPENDCRLF	CVDAS	CPSM	4	LIKE	No	Carriage return line feed (CRLF) append option		13
APPENDCRLF Output valid values	APPEND, NOAPPEND							
CACHEDELD	BINARY	STAT	4	AVG	No	Total number of DOCTEMPLATE deletes from Cache	E640	22
CACHESIZE	BINARY	INQ	4	AVG	No	Size in bytes of DOCTEMPLATE	E640	17
CACHEUSED	BINARY	STAT	4	AVG	No	Total number of DOCTEMPLATE accesses from Cache	E640	21
COPY	CVDAS	INQ	4	LIKE	Yes	New copy status of the DOCTEMPLATE	E640	16
COPY Input valid values	NEWCOPY							
DDNAME	CHAR	CPSM	8	DIFF	No	DD name of the partitioned data set		4
DOCTYPE	CVDAS	CPSM	4	LIKE	No	Document content type		12
DOCTYPE Output valid values	BINARY, EBCDIC							
DSNAME	CHAR	CPSM	44	DIFF	No	Data set name of partitioned data set		11
EXITPGM	CHAR	CPSM	8	DIFF	No	Exit program name		2
FILE	CHAR	CPSM	8	DIFF	No	File name		3
HFSFILE	CHAR	CPSM	255	DIFF	No	Hierarchical File System template file		14
MEMBER	CHAR	CPSM	8	DIFF	No	Name of the member in partitioned data set		5
NAME-1	CHAR	INQ	8	DIFF	Yes	Document template name		1
NEWCOPYCNT	BINARY	STAT	4	AVG	No	Total number of NEWCOPY requests issued	E640	19
PROGRAM	CHAR	CPSM	8	DIFF	No	Program name		6
READCOUNT	BINARY	STAT	4	AVG	No	Total number of DOCTEMPLATE reads	E640	20
TDQUEUE	CHAR	CPSM	4	DIFF	No	Transient data queue name		8
TEMPLATENAME	CHAR	CPSM	48	DIFF	No	Extended document template name		10
TEMPLATETYPE	CVDAS	CPSM	4	LIKE	No	Document template type		9
TEMPLATETYPE Output valid values	MEMBER, FILE, PROGRAM, TSQUEUE, TDQUEUE, EXITPGM, HFS							
TSQUEUE	CHAR	CPSM	16	DIFF	No	Temporary storage queue name		7
USECOUNT	BINARY	STAT	4	AVG	No	Total number of times DOCTEMPLATE has been used	E640	18

DOMSPOOL Resource Table

A CICS Resource that describes CICS storage domain subpools in an active system being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

External resource name

Length

136

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0118

Table 209. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 210. DOMSPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
DSAELEMPCT	PERCENT3	CPSM	4	AVG	No	Percentage of DSA used by elements	28
DSAPAGEPCT	PERCENT3	CPSM	4	AVG	No	Percentage of DSA used by pages	29
DSAPAGEPPCT	PERCENT3	CPSM	4	AVG	No	Peak percentage of DSA page use	30
FREEMAINRTE	RATE3	CPSM	8	AVG	No	FREEMAIN rate since last reset	33
GETMAINRTE	RATE3	CPSM	8	AVG	No	GETMAIN rate since last reset	32
PAGEELEMPCT	PERCENT3	CPSM	4	AVG	No	Percentage of page pool used by elements	34
PAGEPAGEPCT	PERCENT3	CPSM	4	AVG	No	Percentage of page pool used by pages	35
PAGEPAGPPCT	PERCENT3	CPSM	4	AVG	No	Peak percentage of page pool used by pages	36
SMDACCESS	EYUDA	STAT	4	LIKE	No	Subpool access type	15
SMDACCESS Output valid values	CICS, USER, READONLY						
SMDBNDRY	BINARY	STAT	4	AVG	No	Subpool element boundary	13

Table 210. DOMSPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SMDCELEM	BINARY	STAT	4	AVG	No	Current number of elements	21
SMDCES	BINARY	STAT	4	AVG	No	Sum of all element lengths	19
SMDCPS	BINARY	STAT	4	AVG	No	Current page storage	20
SMDDSANAME	CHAR	INQ	8	DIFF	No	Name of dynamic storage area (DSA)	6
SMDELCHN	BIT	STAT	1	LIKE	No	Element chaining indicator	10
SMDETYPE	BIT	STAT	1	LIKE	No	Subpool element type	7
SMDFLEN	BINARY	STAT	4	AVG	No	Subpool element length	9
SMDFMREQ	BINARY	STAT	4	AVG	No	Number of FREEMAIN requests	18
SMDGMREQ	BINARY	STAT	4	AVG	No	Number of GETMAIN requests	17
SMDHWMP	BINARY	STAT	4	AVG	No	Peak page storage	22
SMDIFREE	BINARY	STAT	4	AVG	No	Initial free area size	16
SMDLOCN	EYUDA	STAT	4	LIKE	No	Location of domain subpool above/below 16MB	14
SMDLOCN Output valid values	ABOVE, BELOW						
SMDSPN-1	CHAR	INQ	8	DIFF	Yes	Domain subpool name	5
SMSDSASZ	BINARY	STAT	4	AVG	No	Current size of DSA	27
SMSDSATOTAL	BINARY	STAT	4	AVG	No	Current DSA total	26

DSKJRNL Resource Table

A CICS Resource that describes a disk journal in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

ADVANCE

Advance to the next journal.

CLOSE

Close the journal.

OPEN

Open the journal.

These actions require no unique parameter data.

External resource name

Length

64

Usage EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0013

Table 211. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADVANCE	None	N/A
	CLOSE	None	N/A
	OPEN	None	N/A

Table 212. DSKJRNL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ARCHSTAT	CVDAS	INQ	4	LIKE	No	Archive status	5
ARCHSTAT Output valid values	AUTOARCH, NOAUTOARCH, REVERTED						
ARCHSUBCNT	BINARY	STAT	2	AVG	No	Number of archives submitted	7
ARCHWCNT	BINARY	STAT	2	AVG	No	Number of waits for archive to complete	2
AVGSIZE	BINARY	STAT	2	AVG	No	Average block size	12
BLKWRCNT	DECIMAL	STAT	4	AVG	No	Number of blocks written	11
BUFULLCNT	DECIMAL	STAT	3	AVG	No	Number of times buffer was full	14
DISKASTATUS	CVDAS	INQ	4	LIKE	No	Disk A status	8
DISKASTATUS Output valid values	CURRENT, READY, NOTREADY, NOTAPPLIC						
DISKBSTATUS	CVDAS	INQ	4	LIKE	No	Disk B status	9
DISKBSTATUS Output valid values	CURRENT, READY, NOTREADY, NOTAPPLIC						
DISKXSTATUS	CVDAS	INQ	4	LIKE	No	Disk X status	10
DISKXSTATUS Output valid values	CURRENT, READY, NOTREADY						
DSOPENCNT	BINARY	STAT	2	AVG	No	Number of journal data sets opened	6
JOURNALNUM-1	BINARY	INQ	2	AVG	Yes	Journal number	1
OPENSTATUS	CVDAS	INQ	4	LIKE	Yes	Open status	4
OPENSTATUS Input/output valid values	OPENOUTPUT, CLOSED						
OPENSTATUS Input valid values	ADVANCE, CLOSELEAVE						
RECWCNT	DECIMAL	STAT	5	AVG	No	Number of records written	13
TYPE	CVDAS	INQ	4	LIKE	No	Journal type	3
TYPE Output valid values	TAPE1, TAPE2, DISK1, DISK2, DISK2PAUSE, SMF						

DSNAME Resource Table

A CICS Resource that describes a data set in use by an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

BACKOUT

Back out shunted in-doubt units of work associated with the data set.

COMMIT

Commit shunted in-doubt units of work associated with the data set.

FORCE

Force shunted in-doubt units of work associated with the data set to commit or back out.

IMMQUIESCE

Immediately quiesce the data set; all units of work are abended.

QUIESCE

Quiesce the data set; all units of work are allowed to reach syncpoint.

REMOVE

Remove the data set.

UNQUIESCE

Unquiesce the data set.

The parameter data for the IMMQUIESCE, QUIESCE, and UNQUIESCE actions is:

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

where *cvda* is required and is one of the following valid CVDA values for the data set busy condition:

```
WAIT  
NOWAIT
```

Note: From CICS Transaction Server for OS/320 Version 2 Release 1, the action names IMMQUIESE, QUIESE, and UNQUIESE are amended to IMMQUIESCE, QUIESCE, and UNQUIESCE. The previous versions of the action names still work, but the new action names are preferred.

External resource name

Length

176

Usage API

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type
CICS Resource

Copybook identifier
EYUt0011

Table 213. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
REMOVE		None	N/A
PERFORM SET	IMMQUIESE	BUSY(WAITINOWAIT)	Yes
	QUIESE	BUSY(WAITINOWAIT)	Yes
	UNQUIESE	BUSY(WAITINOWAIT)	Yes
	IMMQUIESCE	BUSY(WAITINOWAIT)	Yes
	QUIESCE	BUSY(WAITINOWAIT)	Yes
	UNQUIESCE	BUSY(WAITINOWAIT)	Yes
	BACKOUT	None	N/A
	COMMIT	None	N/A
	FORCE	None	N/A

Table 214. DSNAME resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ACCESSMETHOD	CVDAS	INQ	4	LIKE	No	Access method		2
ACCESSMETHOD Input/output valid values	VSAM, BDAM, NOTAPPLIC							
AVAILABILITY	CVDAS	INQ	4	LIKE	Yes	Availability status		12
AVAILABILITY Input/output valid values	AVAILABLE, UNAVAILABLE							
AVAILABILITY Output valid values	NOTAPPLIC							
BACKUPTYPE	CVDAS	INQ	4	LIKE	No	Type of backup		3
BACKUPTYPE Output valid values	STATIC, DYNAMIC, UNDETERMINED, NOTAPPLIC							
BASEDSNAME	CHAR	INQ	44	DIFF	No	Base data set name		4
BKOUTSTATUS	CVDAS	INQ	4	LIKE	Yes	Backout status	E510P	5US
BKOUTSTATUS Input/output valid values	NORMALBKOUT, FAILEDBKOUT							
BKOUTSTATUS Output valid values	FAILINGBKOUT, NOTAPPLIC							
DSNAME-1	CHAR	INQ	44	DIFF	Yes	Data set name		1
FILECOUNT	BINARY	INQ	4	AVG	No	Number of file definitions that reference data set		6
FWDRECOVLOG	CNUMERIC	INQ	2	AVG	No	Journal number		10
FWDRECOVLSN	CHAR	INQ	26	DIFF	No	Forward recovery log stream name		11
LOSTLOCKS	CVDAS	INQ	4	LIKE	No	Lost locks status		13

Table 214. DSNAME resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
LOSTLOCKS Output valid values	NOLOSTLOCKS, REMLOSTLOCKS, RECOVERLOCKS, NOTAPPLIC							
OBJECT	CVDAS	INQ	4	LIKE	No	Data set type		7
OBJECT Output valid values	BASE, PATH, NOTAPPLIC							
QUIESCESTATE	CVDAS	INQ	4	LIKE	Yes	Record level sharing (RLS) quiesce state		14
QUIESCESTATE Input/output valid values	UNQUIESCED, QUIESCED							
QUIESCESTATE Output valid values	QUIESCING, NOTAPPLIC							
RECOVSTATUS	CVDAS	INQ	4	LIKE	No	Recovery status		8
RECOVSTATUS Output valid values	RECOVERABLE, FWDRECOVABLE, NOTRECOVABLE, UNDETERMINED, NOTAPPLIC							
RETLOCKS	CVDAS	INQ	4	LIKE	No	Retained record locks status		15
RETLOCKS Output valid values	RETAINED, NORETAINED							
VALIDITY	CVDAS	INQ	4	LIKE	No	Data set validity status		9
VALIDITY Output valid values	VALID, INVALID							

DSPGBL Resource Table

A CICS Resource that provides global CICS dispatcher information in an active system being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

External resource name

Length

88

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier
EYUt0131

Table 215. Valid CPSM operations

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

Table 216. DSPGBL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
DSGCNT	BINARY	STAT	2	AVG	No	Current number of tasks	11
DSGEJST	INTTSTP	STAT	8	LIKE	No	Elapsed job step timing	16
DSGICVRT	BINARY	STAT	4	AVG	Yes	Runaway task time interval (ICVR) (milliseconds)	6
DSGICVSD	BINARY	STAT	2	AVG	Yes	Terminal scan delay time (ICVTSD) (milliseconds)	7
DSGICVT	BINARY	STAT	4	AVG	Yes	Current region exit time (ICV) (milliseconds)	5
DSGLSTRT	TIMESTP	STAT	8	LIKE	No	Dispatcher start time LOCAL	15
DSGMBTCH	BINARY	STAT	2	AVG	No	MRO batching value (MROBTCH)	10
DSGPNT	BINARY	STAT	2	AVG	No	Peak number of tasks	12
DSGPRIAG	BINARY	STAT	2	AVG	Yes	Priority aging value (PRTYAGE) (milliseconds)	8
DSGSRBT	INTTSTP	STAT	8	LIKE	No	Accumulated SRB time	17
DSGSTART	TIMESTP	STAT	8	LIKE	No	Dispatcher start time GMT	14
DSGSTSKS	BINARY	STAT	2	AVG	No	Number of subtasks	9
DSGXSCNN	BINARY	STAT	4	AVG	No	Number of excess TCB scans with no TCB detached	19
DSGXSCNS	BINARY	STAT	4	AVG	No	Number of excess TCB scans	18
DSGXTCBD	BINARY	STAT	4	AVG	No	Total number of excess TCBs detached	20
FORCEQR	CVDAS	INQ	4	LIKE	Yes	Quasi-reentrancy force option	21
FORCEQR Input/output valid values	FORCE, NOFORCE						

DSPMODE Resource Table

A CICS Resource that provides CICS dispatcher TCB mode information in an active system being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

External resource name

Length

128

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0132

Table 217. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 218. DSPMODE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
DSGACT	INTTSTP	STAT	8	LIKE	No	Total CPU time used by this TCB	28
DSGNTCBA	BINARY	STAT	4	AVG	No	Number of TCB attaches	10
DSGYSYSW	BINARY	STAT	4	AVG	No	Number of partition exits	23
DSGTCBFAF	BINARY	STAT	4	AVG	No	Number of TCB attach failures	11
DSGTCBAL	BINARY	STAT	4	AVG	No	Number of TCBs allocated	16
DSGTCBACA	BINARY	STAT	4	AVG	No	Current number of TCBs attached	12
DSGTCBUCU	BINARY	STAT	4	AVG	No	Current number of TCBs used by mode	14
DSGTCBDO	BINARY	STAT	4	AVG	No	Number of other detaches	20
DSGTCBDS	BINARY	STAT	4	AVG	No	Number of stolen detaches	18
DSGTCBDU	BINARY	STAT	4	AVG	No	Number of unclean detaches	17
DSGTCBDX	BINARY	STAT	4	AVG	No	Number of excess detaches	19
DSGTCBMD	EYUDA	STAT	4	LIKE	No	Open status	7
DSGTCBMD Output valid values	OPEN, NOTOPEN, UNKNOWN						
DSGTCBMM	BINARY	STAT	4	AVG	No	Number of TCB mismatches	22
DSGTCBMP	BINARY	STAT	2	MIN	No	TCB mode pool number Not applicable OpenJVMHot pooling XPLinkSSL	8
DSGTCBMP Input/output valid values	0 (NOTAPPLI), 1 (OPEN), 2 (JVM), 3 (HOTPOOL), 3 (XPLINK), 4 (SSL)						
DSGTCBNM-1	CHAR	STAT	2	DIFF	Yes	TCB mode name	5
DSGTCBPA	BINARY	STAT	4	AVG	No	Peak number of TCBs attached	13
DSGTCBPU	BINARY	STAT	4	AVG	No	Peak number of TCBs used by mode	15
DSGTCBST	BINARY	STAT	4	AVG	No	Number of TCB steals	21
DSGTCT	INTTSTP	STAT	8	LIKE	No	CPU time used by this TCB for dispatcher task	27

Table 218. DSPMODE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
DSGTD	INTTSTP	STAT	8	LIKE	No	Total of real time TCB has been dispatched by MVS	26
DSGTWT	INTTSTP	STAT	8	LIKE	No	Real time CICS spent in MVS wait	25
TCBPOOLN	EYUDA	CPSM	4	LIKE	No	TCB mode pool name	29
TCBPOOLN Output valid values	OPEN, JVM, HOTPOOL, XPLINK, SSL						

DSPPOOL Resource Table

A CICS Resource that provides CICS dispatcher TCB pool information in an active system being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

External resource name

Length

136

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0133

Table 219. Valid CPSM operations

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

Table 220. DSPPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
DSGCMMWS	BINARY	STAT	4	AVG	No	Current TCB Mismatch waits	26
DSGCMMWT	INTTSTP	STAT	8	LIKE	No	Current TCB Mismatch wait time	25

Table 220. DSPPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
DSGCNUAT	BINARY	STAT	4	AVG	No	Current number of TCBs attached	8
DSGCNUUS	BINARY	STAT	4	AVG	No	Current number of TCBs in use	10
DSGCURNW	BINARY	STAT	4	AVG	No	Current number of tasks waiting for TCB	17
DSGCURWT	INTTSTP	STAT	8	LIKE	No	Current waiting time at TCB limit	15
DSGMMWTM	INTTSTP	STAT	8	LIKE	No	Total TCB Mismatch wait time	24
DSGMMWTS	BINARY	STAT	4	AVG	No	Total TCB Mismatch waits	23
DSGMXTCB	BINARY	STAT	4	AVG	No	Maximum number of TCBs	7
DSGNTCBL	BINARY	STAT	4	AVG	No	Number of times at pool limit	12
DSGPEANW	BINARY	STAT	4	AVG	No	Peak number of tasks waiting for TCB	18
DSGPMWWS	BINARY	STAT	4	AVG	No	Peak TCB Mismatch waits	27
DSGPNUAT	BINARY	STAT	4	AVG	No	Peak number of TCBs attached	9
DSGPNUUS	BINARY	STAT	4	AVG	No	Peak number of TCBs in use	11
DSGTCBPN	BINARY	STAT	2	AVG	No	TCB pool number	5
DSGTOTMT	INTTSTP	STAT	8	AVG	No	Total MVS storage wait time	28
DSGTOTMW	BINARY	STAT	4	AVG	No	Total number of MVS storage waiters	29
DSGTOTNW	BINARY	STAT	4	AVG	No	Total number of waits	16
DSGTOTWL	INTTSTP	STAT	8	LIKE	No	Total waiting time at TCB limit	14
POOLNAME-1	CHAR	CPSM	12	DIFF	Yes	TCB pool name	19

DTRINGRP Resource Table

A CPSM Workload Manager definition that describes a dynamic transaction used in a workload. Only transactions that have workload separation or affinity relationships need to be defined.

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt5379

Table 221. Valid CPSM operations

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

Table 222. DTRINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists
21	TRANID_NOT_UNIQUE	Transaction ID not unique			

Table 223. DTRINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
PCONV	EYUDA	CPSM	4	Yes	LIKE	No	Pseudo-conversational mode	7
PCONV Input/output valid values	START, END, N_A							
TRANGRP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Transaction group	5
TRANID-2	CHAR	CPSM	8	Yes	DIFF	Yes	Transaction	6

EACTNTFN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EACTNTFN is emitted when an operation change against a Real Time Analysis generated external notification occurs.

External resource name

Length

104

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type
CICSplex SM Notification

Copybook identifier
EYUt2527

Table 224. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 225. EACTNTFN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTDEF	CHAR	CPSM	8	LIKE	Action name	8
ACTION	BINARY	CPSM	1	LIKE	Control action Create external ntfn Update external ntfn Remove external ntfn External ntfn resolved	11
ACTION Input/output valid values	1 (CREATE), 2 (UPDATE), 3 (REMOVE), 4 (RESOLVED)					
ACTNAME	CHAR	CPSM	8	LIKE	External event name	7
DEFTYPE	BINARY	CPSM	1	LIKE	Action reference type RTASAM sensed condition APM RTADEF True transition MRM true transition	10
DEFTYPE Input/output valid values	1 (SAM), 2 (APM), 3 (MRM)					
KEY	CHAR	CPSM	44	LIKE	Resource key	14
NTFNTYPE	BIT	CPSM	1	LIKE	Type of external notification CPSM Event External Message SNA Alert	9
NTFNTYPE Input/output valid values	128 (EVENT), 64 (EXTMSG), 32 (ALERT)					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
RESTYPE	CHAR	CPSM	8	LIKE	Resource type	13
SCOPE	CHAR	CPSM	8	LIKE	Scope target	5
SEVERITY	EYUDA	CPSM	4	LIKE	Current severity	12
SEVERITY Output valid values	VLS, LS, LW, HW, HS, VHS					
SPEC	CHAR	CPSM	8	LIKE	RTA or analysis point specification name	6

ECSYSCHG Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ECSYSCHG is emitted by a Topology control object when a CICS system definition is created, updated, or removed.

External resource name

Length

24

Usage API

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Notification

Copybook identifier
EYUt2518

Table 226. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 227. ECSYSCHG resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	BINARY	CPSM	1	LIKE	ActionCICS System AddCICS System UpdateCICS System Remove	6
ACTION Input/output valid values	1 (CSYSADD), 2 (CSYSUPD), 3 (CSYSREM)					
CICSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
CICSPLEX	CHAR	CPSM	8	LIKE	CICSplex name	4

EDEFCHG Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EDEFCHG is emitted when a CPSM definition is created, updated, or removed.

External resource name

Length

64

Usage None

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type
CICSplex SM Notification

Copybook identifier
EYUt2464

Table 228. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 229. EDEFCHG resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Type of actionRecord AddedRecord UpdatedRecord DeletedGeneric DeleteInternal Delete	9
ACTION Input/output valid values	1 (ADD), 2 (UPDT), 3 (DELETE), 4 (GENDEL), 5 (INTDEL)					
CHANGE_TIME	BINARY	CPSM	8	LIKE	Change time	18
CONTEXT	CHAR	CPSM	8	LIKE	Context of record	4
FORTH_ID	RESTYPE	CPSM	2	LIKE	Forth ID	15
FORTH_NAME	CHAR	CPSM	8	LIKE	Forth name	16
FORTH_VER	BINARY	CPSM	1	LIKE	Forth version	17
MAJOR_ID	RESTYPE	CPSM	2	LIKE	Major resource type	5
MAJOR_NAME	CHAR	CPSM	8	LIKE	Major name	6
MAJOR_VER	BINARY	CPSM	1	LIKE	Major version	10
MINOR_ID	RESTYPE	CPSM	2	LIKE	Minor resource type	7
MINOR_NAME	CHAR	CPSM	8	LIKE	Minor name	8
MINOR_VER	BINARY	CPSM	1	LIKE	Minor version	11
QUAL_ID	RESTYPE	CPSM	2	LIKE	Qualifier ID	12
QUAL_NAME	CHAR	CPSM	8	LIKE	Qualifier name	13
QUAL_VER	BINARY	CPSM	1	LIKE	Qualifier version	14

EJCINGRP Resource Table

A CICSplex SM Business Application Services Definition that describes the membership of a CorbaServer definition (EJCODEF) in a resource group (RESGROUP). An EJCODEF can be a member of multiple RESGROUPs.

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6176

Table 230. Valid CPSM operations

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

Table 231. EJCINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 232. EJCINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
EJCGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
EJCNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	CorbaServer definition name	6
EJCVER-3	BINARY	CPSM	1	Yes	AVG	Yes	CorbaServer definition version	7

EJCOBEAN Resource Table

A CICS Resource that describes an Enterprise Bean object in a CorbaServer being managed by CICSplex SM.

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

There are no actions supported against it.

External resource name**Length**

312

Usage API

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0110

Table 233. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 234. EJCOBEAN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
BEANACTIVATE	BINARY	STAT	4	AVG	No	Number of Bean state Activates	4
BEANCREATES	BINARY	STAT	4	AVG	No	Number of Bean Creates	6
BEANMETHCALL	BINARY	STAT	4	AVG	No	Number of Bean Method calls	8
BEANNAME-2	CHAR	INQ	240	DIFF	Yes	Enterprise bean name	2
BEANPASSIVAT	BINARY	STAT	4	AVG	No	Number of Bean state Passivates	5
BEANREMOVES	BINARY	STAT	4	AVG	No	Number of Bean Removes	7
DJAR	CHAR	INQ	32	DIFF	No	CICS-deployed JAR file	3
NAME-1	CHAR	INQ	4	DIFF	Yes	CorbaServer name	1

EJCODEF Resource Table

A CICS Definition that describes a CorbaServer.

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

The following action is supported:

INSTALL

Install a CorbaServer definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name**Length**

1320

Usage API or Batch Utility

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICS Definition

Copybook identifier
EYUt3831

Table 235. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO)	No
		MODE(value)	No
		NOTIFY(NOINACTIVEIRELEASEIFFULL)	No
		OVERRIDE	No
		OVERTYPE(TARGETIRELATEDIBOTHINONE)	No
		RELATED(value)	No
		STATECHK(YESINO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 236. EJCODEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list

Table 236. EJCODEF FEEDBACK error codes (continued)

27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICTS	Scope conflict

Table 237. EJCODEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ASSERTED	CHAR	CPSM	8	No	DIFF	No	TCP/IP service for Asserted Identity protocol				29
AUTOPUBLISH	EYUDA	CPSM	4	Yes	LIKE	No	Auto publish beans to Java naming directory (JNDI)	NO			24
AUTOPUBLISH Input/output valid values	NO, YES										
CERTIFICATE	CHAR	CPSM	56	No	DIFF	No	Secure sockets layer (SSL) client certificate				22
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CIPHERS	CHAR	CPSM	56	No	LIKE	No	SSL cipher suite codes				31

Table 237. EJCODEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CLIENTCERT	CHAR	CPSM	8	No	DIFF	No	TCP/IP service for client certificated protocol				26
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				9
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	037	0-99999999		32
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				13
DJARDIR	CHAR	CPSM	255	No	DIFF	No	CICS-deployed JAR file pickup directory				23
HOST	CHAR	CPSM	255	Yes	DIFF	No	TCP/IP host address				21
JNDIPREFIX	CHAR	CPSM	255	No	DIFF	No	Java naming directory (JNDI) prefix				18
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
OUTPRIVACY	CVDAS	CPSM	4	No	LIKE	No	Outbound privacy	SUPPORTED		E640P	30S
OUTPRIVACY Input/output valid values	REQUIRED, SUPPORTED, NOTSUPPORTED										
PORT	CHAR	CPSM	5	No	DIFF	No	TCP/IP port number		1-65535	E620P	11BS
SESSBEANTIME	CHAR	CPSM	6	Yes	DIFF	No	Session bean timeout (DDHHMM)	000010			19
SHELF	CHAR	CPSM	255	No	DIFF	No	Hierarchical file system (HFS) shelf directory	char/cicsts			20
SSL	EYUDA	CPSM	4	No	LIKE	No	Secure socket layer (SSL) usage	NO		E620P	11BS
SSL Input/output valid values	YES, NO, CLIENTCERT										

Table 237. EJCODEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
SSLPORT	CHAR	CPSM	5	No	DIFF	No	Secure socket layer (SSL) port number		1-65535	E620P10S	17
SSLPORT Input/output valid values	NO										
SSLUNAUTH	CHAR	CPSM	8	No	DIFF	No	TCP/IP service for secure sockets layer (SSL) AUTHENTICATE=NO protocol				27
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Status	ENABLED			28
STATUS Input/output valid values	ENABLED, DISABLED										
UNAUTH	CHAR	CPSM	8	Yes	DIFF	No	TCP/IP service for unauthenticated protocol				25
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				12

EJCOSE Resource Table

A CICS Resource that describes a CorbaServer object being managed by CICSplex SM.

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

The following actions are supported:

PUBLISH

Publish the Corbaserver to the JNDI directory.

RETRACT

Retract the CorbaServer from the JNDI directory.

DISCARD

Discard the CorbaServer from its associated MAS.

External resource name

Length

1232

Usage API or EVALDEF**API view**

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0108

Table 238. Valid CPSM operations

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

Table 239. EJCOSE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
ASSERTED	CHAR	INQ	8	DIFF	No	TCP/IP service for Asserted Identity protocol			20
AUTOPUBLISH	CVDAS	INQ	4	LIKE	Yes	Auto publish beans to Java naming directory (JNDI)	NOAUTO		12
AUTOPUBLISH Input/output valid values	AUTOPUB, NOAUTO								
CERTIFICATE	CHAR	INQ	56	DIFF	No	Secure sockets layer (SSL) client certificate			9
CIPHERS	CHAR	INQ	56	LIKE	No	SSL cipher suite codes			22
CLIENTCERT	CHAR	INQ	8	DIFF	No	TCP/IP service for client certificated protocol			14
DJARDIR	CHAR	INQ	255	DIFF	No	CICS-deployed JAR file pickup directory			11
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	CorbaServer status			16
ENABLESTATUS Input/output valid values	ENABLED, DISABLED								

Table 239. EJCOSE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
ENABLESTATUS Output valid values	ENABLING, DISABLING, DISCARDING								
FAILACTIVATE	BINARY	STAT	4	AVG	No	Number of Failed Activates			19
HOST	CHAR	INQ	255	DIFF	No	TCP/IP host address			8
JNDIPREFIX	CHAR	INQ	255	DIFF	No	Java naming directory (JNDI) prefix			7
NAME-1	CHAR	INQ	4	DIFF	Yes	CorbaServer name			1
NUMCIPHERS	BINARY	INQ	2	LIKE	No	Number of SSL cipher suite codes			23
OBJECTIVATES	BINARY	STAT	4	AVG	No	Number of Object Activates			17
OBJSTORES	BINARY	STAT	4	AVG	No	Number of Object Stores			18
OUTPRIVACY	CVDAS	INQ	4	LIKE	Yes	Outbound privacy			21
OUTPRIVACY Input/output valid values	REQUIRED, SUPPORTED, NOTSUPPORTED								
PORT	BINARY	INQ	4	AVG	No	TCP/IP port number		E620P	BUS
SESSBEANTIME	BINARY	INQ	4	AVG	Yes	Session bean timeout (minutes)			2
SHELF	CHAR	INQ	255	DIFF	No	Hierarchical file system (HFS) shelf directory			10
SSL	CVDAS	INQ	4	LIKE	No	Secure sockets layer (SSL) usage	NOSSL	E620P	BUS
SSL Output valid values	NOSSL, SSL, CLIENTCERT								
SSLPORT	BINARY	INQ	4	AVG	No	Secure sockets layer (SSL) port number		E620P	BUS
SSLUNAUTH	CHAR	INQ	8	DIFF	No	TCP/IP service for secure sockets layer (SSL) AUTHENTICATE=NO protocol			15
STATE	CVDAS	INQ	4	LIKE	No	CorbaServer state usage	UNUSABLE	E630P	BUS
STATE Output valid values	INITING, INSERVICE, PENDINIT, PENDRESOLVE, UNRESOLVED, UNUSABLE, DISCARDING, RESOLVING								
UNAUTH	CHAR	INQ	8	DIFF	No	TCP/IP service for unauthenticated protocol			13

EJDINGRP Resource Table

A CICSplex SM Business Application Services Definition that describes the membership of a CICS-deployed JAR file definition (EJDJDEF) in a resource group (RESGROUP). An EJDJDEF can be a member of multiple RESGROUPs.

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

There are no object specific actions for this resource class.

External resource name

Length
32

Usage API or Batch Utility

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Definition

Copybook identifier
EYUt6177

Table 240. Valid CPSM operations

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

Table 241. EJDINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 242. EJDINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
EJDGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
EJDNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	CICS-deployed JAR file definition name	6
EJDVER-3	BINARY	CPSM	1	Yes	AVG	Yes	CICS-deployed JAR file definition version	7

EJDJAR Resource Table

A CICS Resource that describes a CICS-deployed JAR file object being managed by CICSplex SM.

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

The following actions are supported:

PUBLISH

Publish the CICS-deployed JAR file to the JNDI directory.

RETRACT

Retract the CICS-deployed JAR file from the JNDI directory.

DISCARD

Discard the CICS-deployed JAR file from the JNDI directory.

External resource name

Length

320

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0109

Table 243. Valid CPSM operations

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

Table 244. EJDJAR resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
CORBASERVER	CHAR	INQ	4	DIFF	No	CorbaServer name		2
HFSFILE	CHAR	INQ	255	DIFF	No	Hierarchical file system (HFS) path		4

Table 244. EJDJAR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
LASTMODTIME	DATETIME	INQ	8	MAX	No	Time the DJAR was last modified		6
NAME-1	CHAR	INQ	32	DIFF	Yes	CICS-deployed JAR file		1
STATE	CVDAS	INQ	4	LIKE	No	CICS-deployed JAR file status	UNUSABLE	3
STATE Output valid values	INITING, INSERVICE, PENDINIT, PENDRESOLVE, UNRESOLVED, UNUSABLE, DISCARDING, RESOLVING							

EJDJBEAN Resource Table

A CICS Resource that describes an Enterprise Bean object in a CICS-deployed JAR file being managed by CICSplex SM.

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

There are no actions supported against it.

External resource name

Length

312

Usage

API

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0112

Table 245. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 246. EJDJBEAN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
BEANACTIVATE	BINARY	STAT	4	AVG	No	Number of Bean state Activates	4
BEANCREATES	BINARY	STAT	4	AVG	No	Number of Bean Creates	6
BEANMETHCALL	BINARY	STAT	4	AVG	No	Number of Bean Method calls	8

Table 246. EJDJBEAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
BEANNAME-2	CHAR	INQ	240	DIFF	Yes	Enterprise bean name	2
BEANPASSIVAT	BINARY	STAT	4	AVG	No	Number of Bean state Passivates	5
BEANREMOVES	BINARY	STAT	4	AVG	No	Number of Bean Removes	7
CORBASERVER-3	CHAR	INQ	4	DIFF	No	CorbaServer name	3
NAME-1	CHAR	INQ	32	DIFF	Yes	CICS-deployed JAR file	1

EJDJDEF Resource Table

A CICS Definition that describes a CICS-deployed JAR file.

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

The following actions are supported:

INSTALL

Install a CICS-deployed JAR file definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length

384

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3832

Table 247. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO)	No
		MODE(value)	No
		NOTIFY(NOINACTIVEIRELEASEIFFULL)	No
		OVERRIDE	No

Table 247. Valid CPSM operations (continued)

	OVERTYPE(TARGETIRELATED) (NO/BOTH/INONE)
	RELATED(value) No
	STATECHK(YES/NO) No
	TARGET(value) Yes
	USAGE(LOCAL) Yes
ADDTOGRP	RESGROUP(value) Yes

Table 248. EJDJDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid overtype	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 249. EJDJDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CORBASERVER	CHAR	CPSM	4	Yes	DIFF	No	CorbaServer name			15
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			9
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15	5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	17
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			13
HFSFILE	CHAR	CPSM	255	Yes	DIFF	No	Hierarchical file system (HFS) path			16
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1			10
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2			11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3			12

EL SIGNAL Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EL SIGNAL is emitted by a local MAS agent when an SVCDUMP is about to be taken. The SVCDUMP completion is noted by an EMASWELL notification.

External resource name

Length

48

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2568

Table 250. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 251. ELSIGNAL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
DUMPCODE	CHAR	CPSM	8	LIKE	SVC dump dumpcode	8
DUMPTERM	CHAR	CPSM	4	LIKE	SVC dump terminal ID	11
DUMPTRAN	CHAR	CPSM	4	LIKE	SVC dump transaction ID	10
DUMPUSER	CHAR	CPSM	8	LIKE	SVC dump user ID	9
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
SIGTYPE	BINARY	CPSM	1	LIKE	Local signal typeLowest Signal TypeMAS is issuing an SVC DumpHighest Signal Type	6
SIGTYPE Input/output valid values	1 (LOWEST), 1 (SVC DUMP), 1 (HIGHEST)					

EMASJOIN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMASJOIN is emitted by a Topology control object when a CICS system connects to another CMAS managing theCICSplex .

External resource name

Length

176

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2405

Table 252. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 253. EMASJOIN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CECNAME	CHAR	CPSM	8	LIKE	CEC name	24
CMASNAME	CHAR	CPSM	8	LIKE	CMAS name	4
CSYSAPPL	CHAR	CPSM	8	LIKE	VTAM application ID	14
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	6
DAYLGHTSV	EYUDA	CPSM	4	LIKE	Daylight savings in effect	19
DAYLGHTSV Output valid values	YES, NO					
DESC	CHAR	CPSM	58	DIFF	Description	13
DYNROUTE	BINARY	CPSM	1	LIKE	Dynamic routing modeRouting ACTIVERouting SUSPENDED	11
DYNROUTE Input/output valid values	1 (ACTIVE), 2 (SUSPEND)					
DYNTYPE	CHAR	CPSM	3	LIKE	Dynamic routing type	12
JOBNAME	CHAR	CPSM	8	LIKE	MAS job name	23
MASSTART	TIMESTP	CPSM	8	LIKE	MAS start time	15
MON_SPEC	CHAR	CPSM	8	LIKE	Monitor specification name	7
MVSNAME	CHAR	CPSM	4	LIKE	MVS system name	22
OPSYSREL	CHAR	CPSM	4	LIKE	MAS operating system release	21
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	5
RTA_SPEC	CHAR	CPSM	8	LIKE	Real Time Analysis (RTA) specification name	8
STATUS	BIT	CPSM	1	LIKE	StatusLocal MASRemote MAS	10
STATUS Input/output valid values	128 (LOCAL), 64 (REMOTE)					
SYSID	CHAR	CPSM	4	LIKE	MAS system ID	20
SYSPLEX	CHAR	CPSM	8	LIKE	SYSplex name	25
TMEZONE	CHAR	CPSM	1	LIKE	Time zone	17
TMEZONEO	BINARY	CPSM	1	LIKE	Time zone offset	16
WLM_SPEC	CHAR	CPSM	8	LIKE	Workload manager specification name	9

EMASSICK Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMASSICK is emitted by a MAS agent to identify a condition that affects the health of the CICS system. An EMASSICK instance identifies a single specific sickness type. It also carries the complete health status of the MAS as reported by previous EMASSICK or ELSIGNAL notifications.

External resource name

Length

200

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2402

Table 254. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 255. EMASSICK resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CHGSTALL1	BIT	CPSM	1	LIKE	First stall indicator flagEnqueue suspendTask wait suspendDLI suspendDB control suspendStorage suspendUnknown suspendDispable (not used)Running (not used)	43
CHGSTALL1 Input/output valid values	128 (ENQUEUE), 64 (TASKWAIT), 32 (DLI), 16 (DBCTRL), 8 (STORAGE), 4 (UNKNOWN), 2 (DISPABLE), 1 (RUNNING)					
CHGSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flagDispatcher suspendAllc session suspendTerminal controlIntv control suspendFile I/O suspendTemp stor suspendTransi data suspendJournal suspend	42
CHGSTALL2 Input/output valid values	128 (DISP), 64 (ALLCSESS), 32 (TERM), 16 (INTV), 8 (FILE), 4 (TEMPSTOR), 2 (TSDATA), 1 (JOURNAL)					
CHGSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag Enterprise java suspend Log Manager suspendInterregn link suspendDB2 suspendLockmgr suspendXRF suspendProgmr suspendTransmgr suspend	41
CHGSTALL3 Input/output valid values	128 (EJB), 64 (LOGGER), 32 (IRLINK), 16 (DB2), 8 (LOCK), 4 (XRF), 2 (PROGRAM), 1 (TRANSACTION)					
CHGSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag IP interconnectivity suspend Resource manager suspend Console domain suspend Sockets domain suspend MQSeries suspend User suspend Web services suspend	40
CHGSTALL4 Input/output valid values	64 (IPIC), 32 (RMI), 16 (CONSOLE), 8 (SOCKETS), 4 (MQSERIES), 2 (USERWAIT), 1 (WEBSERV)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
CURSTALL1	BIT	CPSM	1	LIKE	First stall indicator flagEnqueue suspendTask wait suspendDLI suspendDB control suspendStorage suspendUnknown suspendDispable (not used)Running (not used)	38
CURSTALL1 Input/output valid values	128 (ENQUEUE), 64 (TASKWAIT), 32 (DLI), 16 (DBCTRL), 8 (STORAGE), 4 (UNKNOWN), 2 (DISPABLE), 1 (RUNNING)					
CURSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flagDispatcher suspendAllc session suspendTerminal controllntv control suspendFile I/O suspendTemp stg suspendTransi data suspendJournal suspend	37

Table 255. EMASSICK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CURSTALL2 Input/output valid values	128 (DISP), 64 (ALLCSESS), 32 (TERM), 16 (INTV), 8 (FILE), 4 (TEMPSTOR), 2 (TSDATA), 1 (JOURNAL)					
CURSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag Enterprise java suspend Log Manager suspendInterregn link suspendDB2 suspendLockmgr suspendXRF suspendProgmr suspendTranmgr suspend	36
CURSTALL3 Input/output valid values	128 (EJB), 64 (LOGGER), 32 (IRLINK), 16 (DB2), 8 (LOCK), 4 (XRF), 2 (PROGRAM), 1 (TRANSACTION)					
CURSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag IP interconnectivity suspend Resource manager suspend Console domain suspend Sockets domain suspend MQSeries suspend User suspend Web services suspend	35
CURSTALL4 Input/output valid values	64 (IPIC), 32 (RMI), 16 (CONSOLE), 8 (SOCKETS), 4 (MQSERIES), 2 (USERWAIT), 1 (WEBSERV)					
DUMP_CODE	CHAR	CPSM	8	LIKE	Dump code	31
DUMP_PROGRAM	CHAR	CPSM	8	LIKE	Abending program	30
DUMP_TERMID	CHAR	CPSM	4	LIKE	Terminal ID	27
DUMP_TRANID	CHAR	CPSM	4	LIKE	Transaction ID	28
DUMP_USERID	CHAR	CPSM	8	LIKE	User ID	29
MASTYPE	BIT	CPSM	1	LIKE	StatusLocal MASRemote MAS	6
MASTYPE Input/output valid values	128 (LOCAL), 64 (REMOTE)					
MAXTASK_TIM	TIMESTP	CPSM	8	LIKE	Time detected maximum task limit reached	13
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
SICKTYPE	EYUDA	CPSM	4	LIKE	Specific sick identification	10
SICKTYPE Output valid values	SYSDUMP, TRANDUMP, MAXTASK, STALLED, SOSUDSA, SOSCDSA, SOSEUDSA, SOSECDSA, SOSERDSA, SOSSDSA, SOSESDSA, SOSRDSA, SOMVVS, SOSBELOW, SOSABOVE, SOSGCDSA					
SOSABOVE_TIM	TIMESTP	CPSM	8	LIKE	Time detected SOS above 16M	24
SOSBELOW_TIM	TIMESTP	CPSM	8	LIKE	Time detected SOS below 16M	25
SOSCDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected CDSA SOS	17
SOSCONDS	BIT	CPSM	1	LIKE	Storage health indicatorsOn - UDSA SOSOn - CDSA SOSOn - EUDSA SOSOn - ECDSA SOSOn - ERDSA SOSOn - SDSA SOSOn - ESDSA SOSOn - RDSA SOS	8
SOSCONDS Input/output valid values	128 (SOSUDSA), 64 (SOSCDSA), 32 (SOSEUDSA), 16 (SOSECDSA), 8 (SOSERDSA), 4 (SOSSDSA), 2 (SOSESDSA), 1 (SOSRDSA)					
SOSCONDS2	BIT	CPSM	1	LIKE	Storage health indicatorsOn - SOS above 16MOn - SOS below 16MOn - MVS is short on storageOn - SOS Above bar	9
SOSCONDS2 Input/output valid values	128 (SOSABOVE), 64 (SOSBELOW), 32 (SOSMVS), 16 (SOSGCDSA)					
SOSECDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected ECDSA SOS	19
SOSERDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected ERDSA SOS	20
SOSESDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected ESDSA SOS	22
SOSEUDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected EUDSA SOS	18
SOSGCDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected SOS above bar	45
SOSMVS_TIM	TIMESTP	CPSM	8	LIKE	Time detected MVS SOS	44
SOSRDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected RDSA SOS	23

Table 255. EMASICK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
SOSSDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected SDSA SOS	21
SOSUDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected UDSA SOS	16
STALL_TIM	TIMESTP	CPSM	8	LIKE	Time detected system stalled	14
SYSCONDS	BIT	CPSM	1	LIKE	System health indicatorsOn - system dumpingOn - tran dumpingOn - at max tasksOn - system stalled	7
SYSCONDS Input/output valid values	128 (SYSDUMP), 64 (TRANDUMP), 32 (MAXTASK), 16 (STALLED)					
SYSDUMP_TIM	TIMESTP	CPSM	8	LIKE	Time detected system dumping	11
TRANDUMP_CNT	BINARY	CPSM	4	LIKE	Transaction dump use count	32
TRANDUMP_TIM	TIMESTP	CPSM	8	LIKE	Time detected transaction dumping	12

EMASSTOP Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMASSTOP is emitted by a Topology control object when a CICS system terminates. The CICS system may have been attached to the localCMAS or some other CMAS in the CICSplex. EMASSTOP can normally be used to indicate that the CICS system has shut down. However, if the MAS agent is terminated, that event also generates an EMASSTOP notification.

External resource name

Length

168

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2401

Table 256. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 257. EMASSTOP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CECNAME	CHAR	CPSM	8	LIKE	CEC name	20
CMASNAME	CHAR	CPSM	8	LIKE	CMAS name	4
CSYSAPPL	CHAR	CPSM	8	LIKE	VTAM application ID	14
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	6
DESC	CHAR	CPSM	58	DIFF	Description	13
DYNROUTE	BINARY	CPSM	1	LIKE	Dynamic routing modeRouting ACTIVERouting SUSPENDED	11
DYNROUTE Input/output valid values	1 (ACTIVE), 2 (SUSPEND)					
DYNTYPE	CHAR	CPSM	3	LIKE	Dynamic routing type	12
JOBNAME	CHAR	CPSM	8	LIKE	MAS job name	19
MASSTART	TIMESTP	CPSM	8	LIKE	MAS start time	15
MON_SPEC	CHAR	CPSM	8	LIKE	Monitor specification name	7
MVSNAME	CHAR	CPSM	4	LIKE	MVS system name	18
OPSYSREL	CHAR	CPSM	4	LIKE	MAS operating system release	17
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	5
RTA_SPEC	CHAR	CPSM	8	LIKE	Real Time Analysis (RTA) specification name	8
STATUS	BIT	CPSM	1	LIKE	StatusLocal MAS stopRemote MAS stopLocal MAS lost contactRemote MAS lost contactLocal MAS no longer activeRemote MAS no longer activeMAS Removal Invoked	10
STATUS Input/output valid values	128 (LOCAL), 64 (REMOTE), 32 (LOCAL), 16 (REMOTEL), 8 (GONEL), 4 (GONER), 2 (MASREM)					
SYSID	CHAR	CPSM	4	LIKE	MAS system ID	16
SYSPLEX	CHAR	CPSM	8	LIKE	SYSplex name	21
WLM_SPEC	CHAR	CPSM	8	LIKE	Workload manager specification name	9

EMASSTRT Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMASSTRT is emitted by a Topology control object when a CICS system connects to the local CMAS. The CICS system connect is seen in other CMAS instances in the CICSplex as an EMASJOIN notification.

External resource name

Length

176

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2400

Table 258. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 259. EMASSTRT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CECNAME	CHAR	CPSM	8	LIKE	CEC name	24
CMASNAME	CHAR	CPSM	8	LIKE	CMAS name	4
CSYSAPPL	CHAR	CPSM	8	LIKE	VTAM application ID	14
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	6
DAYLGHTSV	EYUDA	CPSM	4	LIKE	Daylight savings in effect	19
DAYLGHTSV Output valid values	YES, NO					
DESC	CHAR	CPSM	58	DIFF	Description	13
DYNROUTE	BINARY	CPSM	1	LIKE	Dynamic routing modeRouting ACTIVERouting SUSPENDED	11
DYNROUTE Input/output valid values	1 (ACTIVE), 2 (SUSPEND)					
DYNTYPE	CHAR	CPSM	3	LIKE	Dynamic routing type	12
JOBNAME	CHAR	CPSM	8	LIKE	MAS job name	23
MASSTART	TIMESTP	CPSM	8	LIKE	MAS start time	15
MON_SPEC	CHAR	CPSM	8	LIKE	Monitor specification name	7
MVSNAME	CHAR	CPSM	4	LIKE	MVS system name	22
OPSYSREL	CHAR	CPSM	4	LIKE	MAS operating system release	21
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	5
RTA_SPEC	CHAR	CPSM	8	LIKE	Real Time Analysis (RTA) specification name	8
STATUS	BIT	CPSM	1	LIKE	StatusLocal MASRemote MAS	10
STATUS Input/output valid values	128 (LOCAL), 64 (REMOTE)					
SYSID	CHAR	CPSM	4	LIKE	MAS system ID	20
SYSPLEX	CHAR	CPSM	8	LIKE	SYSplex name	25
TMEZONE	CHAR	CPSM	1	LIKE	Time zone	17
TMEZONEO	BINARY	CPSM	1	LIKE	Time zone offset	16
WLM_SPEC	CHAR	CPSM	8	LIKE	Workload manager specification name	9

EMASWELL Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMASWELL is emitted by a MAS agent to report the resolution of a health condition in a CICS system that was reported by a previous EMASSICK notification. An EMASWELL instance identifies a single specific sickness resolution. It also carries the complete health status of the MAS as reported by previous EMASSICK or ELSIGNAL notifications.

External resource name

Length

200

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2403

Table 260. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 261. EMASWELL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CHGSTALL1	BIT	CPSM	1	LIKE	First stall indicator flag Enqueue suspendTask wait suspendDLI suspendDB control suspendStorage suspendUnknown suspendDispable (not used) Running (not used)	43
CHGSTALL1 Input/output valid values	128 (ENQUEUE), 64 (TASKWAIT), 32 (DLI), 16 (DBCTRL), 8 (STORAGE), 4 (UNKNOWN), 2 (DISPABLE), 1 (RUNNING)					
CHGSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flag Dispatcher suspendAllc session suspendTerminal controlIntv control suspendFile I/O suspendTemp stor suspendTransi data suspendJournal suspend	42
CHGSTALL2 Input/output valid values	128 (DISP), 64 (ALLCSESS), 32 (TERM), 16 (INTV), 8 (FILE), 4 (TEMPSTOR), 2 (TSDATA), 1 (JOURNAL)					
CHGSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag Enterprise java suspend Log manager suspendInterregn link suspendDB2 suspendLockmgr suspendXRF suspendProgmgr suspendTransmgr suspend	41
CHGSTALL3 Input/output valid values	128 (EJB), 64 (LOGGER), 32 (IRLINK), 16 (DB2), 8 (LOCK), 4 (XRF), 2 (PROGRAM), 1 (TRANSACTION)					
CHGSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag IP interconnectivity suspend Resource manager suspend Console domain suspend Sockets domain suspend MQSeries suspend User suspend Web services suspend	40

Table 261. EMASWELL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CHGSTALL4 Input/output valid values	64 (IPIC), 32 (RMI), 16 (CONSOLE), 8 (SOCKETS), 4 (MQSERIES), 2 (USERWAIT), 1 (WEBSERV)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
CURSTALL1	BIT	CPSM	1	LIKE	First stall indicator flagEnqueue suspendTask wait suspendDLI suspendDB control suspendStorage suspendUnknown suspendDispable (not used)Running (not used)	38
CURSTALL1 Input/output valid values	128 (ENQUEUE), 64 (TASKWAIT), 32 (DLI), 16 (DBCTRL), 8 (STORAGE), 4 (UNKNOWN), 2 (DISPABLE), 1 (RUNNING)					
CURSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flagDispatcher suspendAllc session suspendTerminal controllntv control suspendFile I/O suspendTemp stg suspendTransi data suspendJournal suspend	37
CURSTALL2 Input/output valid values	128 (DISP), 64 (ALLCSESS), 32 (TERM), 16 (INTV), 8 (FILE), 4 (TEMPSTOR), 2 (TSDATA), 1 (JOURNAL)					
CURSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag Enterprise java suspend Log manager suspendInterregn link suspendDB2 suspendLockmgr suspendXRF suspendProgmgr suspendTranmgr suspend	36
CURSTALL3 Input/output valid values	128 (EJB), 64 (LOGGER), 32 (IRLINK), 16 (DB2), 8 (LOCK), 4 (XRF), 2 (PROGRAM), 1 (TRANSACTION)					
CURSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag IP interconnectivity suspend Resource manager suspend Console domain suspend Sockets domain suspend MQSeries suspend User suspend Web services suspend	35
CURSTALL4 Input/output valid values	64 (IPIC), 32 (RMI), 16 (CONSOLE), 8 (SOCKETS), 4 (MQSERIES), 2 (USERWAIT), 1 (WEBSERV)					
DUMP_CODE	CHAR	CPSM	8	LIKE	Last dump code	31
DUMP_PROGRAM	CHAR	CPSM	8	LIKE	Last dump abending program	30
DUMP_TERMID	CHAR	CPSM	4	LIKE	Last dump terminal ID	27
DUMP_TRANID	CHAR	CPSM	4	LIKE	Last dump transaction ID	28
DUMP_USERID	CHAR	CPSM	8	LIKE	Last dump user ID	29
MASTYPE	BIT	CPSM	1	LIKE	StatusLocal MASRemote MAS	6
MASTYPE Input/output valid values	128 (LOCAL), 64 (REMOTE)					
MAXTASK_TIM	TIMESTP	CPSM	8	LIKE	Time relieved maximum task limit	13
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
SOSABOVE_TIM	TIMESTP	CPSM	8	LIKE	Time relieved SOS above 16M	24
SOSBELOW_TIM	TIMESTP	CPSM	8	LIKE	Time relieved SOS below 16M	25
SOSCDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved CDSA SOS	17
SOSCONDS	BIT	CPSM	1	LIKE	Storage health indicatorsOn-not UDSA SOSOn-not CDSA SOSOn-not EUDSA SOSOn-not ECDSA SOSOn-not ERDSA SOSOn-not SDSA SOSOn-not ESDSA SOSOn-not RDSA SOS	8
SOSCONDS Input/output valid values	128 (SOSUDSA), 64 (SOSCDSA), 32 (SOSEUDSA), 16 (SOSECDSA), 8 (SOSERDSA), 4 (SOSSDSA), 2 (SOSESDSA), 1 (SOSRDSA)					
SOSCONDS2	BIT	CPSM	1	LIKE	Storage health indicatorsOn-not SOS above 16MOn-not SOS below 16MOn-not SOS in MVSON-not SOS above bar	9
SOSCONDS2 Input/output valid values	128 (SOSABOVE), 64 (SOSBELOW), 32 (SOSMVS), 16 (SOSGCDSA)					

Table 261. EMASWELL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
SOSECDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved ECDSA SOS	19
SOSERDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved ERDSA SOS	20
SOSESDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved ESDSA SOS	22
SOSEUDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved EUDSA SOS	18
SOSGCDSDA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved SOS above bar	45
SOSMVS_TIM	TIMESTP	CPSM	8	LIKE	Time relieved MVS SOS	44
SOSRDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved RDSA SOS	23
SOSSDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved SDSA SOS	21
SOSUDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved UDSA SOS	16
STALL_TIM	TIMESTP	CPSM	8	LIKE	Time relieved system stalled	14
SYSCONDS	BIT	CPSM	1	LIKE	System health indicators On-not sys dumping On-not tran dumping On-not at max tasks On-not stalled	7
SYSCONDS Input/output valid values	128 (SYSDUMP), 64 (TRANDUMP), 32 (MAXTASK), 16 (STALLED)					
SYSDUMP_TIM	TIMESTP	CPSM	8	LIKE	Time relieved system dumping	11
TRANDUMP_CNT	BINARY	CPSM	4	LIKE	Transaction dump use count	32
TRANDUMP_TIM	TIMESTP	CPSM	8	LIKE	Time relieved tran dumping	12
WELLTYPE	EYUDA	CPSM	4	LIKE	Specific well identification	10
WELLTYPE Output valid values	SYSDUMP, TRANDUMP, MAXTASK, STALLED, SOSUDSA, SOSGCDSDA, SOSECDSA, SOSERDSA, SOSSDSA, SOSESDSA, SOSRDSA, SOSMVS, SOSBELOW, SOSABOVE, SOSGCDSDA					

EMCICS Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMCICS is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MCICS resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS.

External resource name

Length

24

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type
CICSplex SM Notification

Copybook identifier
EYUt2467

Table 262. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 263. EMCICS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MCICS					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

EMCONN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMCONN is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MCONN resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS .

External resource name

Length

24

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2470

Table 264. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 265. EMCONN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MCONN					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

EMDBX Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMDBX is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MDBX resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS .

External resource name

Length

24

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2469

Table 266. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 267. EMDBX resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5

Table 267. EMDBX resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MDBX					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

EMFILE Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMFILE is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MFILE resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS .

External resource name

Length

24

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2471

Table 268. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 269. EMFILE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MFILE					

Table 269. EMFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

EMGLBL Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMGLBL is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MGLBL resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS .

External resource name

Length

24

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2468

Table 270. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 271. EMGLBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MGLBL					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

EMJRNL Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMJRNL is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MJRNL resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS .

External resource name

Length

24

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2472

Table 272. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 273. EMJRNL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MJRNL					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

EMPROG Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMPROG is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MPROG resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS .

External resource name

Length

24

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2473

Table 274. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 275. EMPROG resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MPROG					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

EMSTATUS Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMSTATUS is emitted by a MAS agent to identify the current health of the MAS. This is a periodic notification that is often referred to as the MAS heartbeat.

EMSTATUS contains all currently active MAS sickness indicators as reported by previous EMASSICK notifications. Other critical data of interest to various CPSM management applications is also provided.

The frequency of EMSTATUS emissions is not an externally documented value and is subject to change. It is important to note that every MAS generates multiple EMSTATUS notifications every minute. If an API program registers interest in EMSTATUS, the program must be prepared to receive the asynchronous output on a regular and frequent basis. A program should assume that each MAS generates an EMSTATUS notification at least every 15 seconds for as long as it is connected to the CICSplex. In a CICSplex with 50 active MAS instances, this can result in 200 EMSTATUS notifications every minute in every CMAS managing the CICSplex. If a program registers interest in EMSTATUS, but does not process the notifications in a timely manner, large amounts of data space storage will be used to hold copies of these notifications.

External resource name

Length

216

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2507

Table 276. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 277. EMSTATUS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
AMXTASKS	BINARY	INQ	4	LIKE	Maximum number of active tasks	35
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
CURRTASKS	BINARY	INQ	4	LIKE	Current number of tasks	36
CURSTALL1	BIT	CPSM	1	LIKE	First stall indicator flag Enqueue suspendTask wait suspendDLI suspendDB control suspendStorage suspendUnknown suspendDispatched-unusedRunning-unused	46
CURSTALL1 Input/output valid values	128 (ENQUEUE), 64 (TASKWAIT), 32 (DLI), 16 (DBCTRL), 8 (STORAGE), 4 (UNKNOWN), 2 (DISPABLE), 1 (RUNNING)					
CURSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flag Dispatcher suspendAllc session suspendTerminal controlIntv control suspendFile I/O suspendTemp stor suspendTransi data suspendJournal suspend	45
CURSTALL2 Input/output valid values	128 (DISP), 64 (ALLCSESS), 32 (TERM), 16 (INTV), 8 (FILE), 4 (TEMPSTOR), 2 (TSDATA), 1 (JOURNAL)					

Table 277. EMSTATUS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CURSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag Enterprise java suspend Log manager suspendInterregn link suspendDB2 suspendLockmgr suspendXRF suspendProgmgr suspendTransmgr suspend	44
CURSTALL3 Input/output valid values	128 (EJB), 64 (LOGGER), 32 (IRLINK), 16 (DB2), 8 (LOCK), 4 (XRF), 2 (PROGRAM), 1 (TRANSACTION)					
CURSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag IP interconnectivity suspend Resource manager suspend Console suspend Sockets domain suspend MQSeries suspend User suspend Web services suspend	43
CURSTALL4 Input/output valid values	64 (IPIC), 32 (RMI), 16 (CONSOLE), 8 (SOCKETS), 4 (MQSERIES), 2 (USERWAIT), 1 (WEBSERV)					
DUMP_CODE	CHAR	CPSM	8	LIKE	Last dump code	31
DUMP_PROGRAM	CHAR	CPSM	8	LIKE	Last dump abending program	30
DUMP_TERMID	CHAR	CPSM	4	LIKE	Last dump terminal ID	27
DUMP_TRANID	CHAR	CPSM	4	LIKE	Last dump transaction ID	28
DUMP_USERID	CHAR	CPSM	8	LIKE	Last dump user ID	29
IRCSTAT	CVDAS	INQ	4	LIKE	Interregion communication status	38
IRCSTAT Output valid values	OPEN, CLOSED, CLOSING, IMMCLOSING					
LASTTYPE	EYUDA	CPSM	4	LIKE	Last sick/well identification	10
LASTTYPE Output valid values	SYSDUMP, TRANDUMP, MAXTASK, STALLED, SOSUDSA, SOSCDSA, SOSEUDSA, SOSECDSA, SOSERDSA, SOSSDSA, SOSESDSA, SOSRDSA, SOSMVS, SOSBELOW, SOSABOVE, SOSGCDSA					
MASTYPE	BIT	CPSM	1	LIKE	StatusLocal MASRemote MASUsing CPSM WRAM programNo MVS/WLM SupportMVS/WLM in SRM ModeMVS/WLM in GOAL Mode	6
MASTYPE Input/output valid values	128 (LOCAL), 64 (REMOTE), 32 (CPSMWRAM), 04 (NOMVSWLM), 02 (MVSSRM), 01 (MVSGOAL)					
MAXTASKS	BINARY	INQ	4	LIKE	Maximum number of active and suspended tasks	34
MAXTASK_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	13
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
SOSABOVE_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	24
SOSBELOW_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	25
SOSCDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	17
SOSCONDS	BIT	CPSM	1	LIKE	Storage health indicatorsOff-not UDSA SOSOff-not CDSA SOSOff-not EUDSA SOSOff-not ECDSA SOSOff-not ERDSA SOSOff-not SDSA SOSOff-not ESDSA SOSOff-not RDSA SOS	8
SOSCONDS Input/output valid values	128 (SOSUDSA), 64 (SOSCDSA), 32 (SOSEUDSA), 16 (SOSECDSA), 8 (SOSERDSA), 4 (SOSSDSA), 2 (SOSESDSA), 1 (SOSRDSA)					
SOSCONDS2	BIT	CPSM	1	LIKE	Storage health indicatorsOff-not SOS above 16MOff-not SOS below 16MOff - not short of MVS storageOff-not SOS above bar	9
SOSCONDS2 Input/output valid values	128 (SOSABOVE), 64 (SOSBELOW), 32 (SOSMVS), 16 (SOSGCDSA)					
SOSECDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	19
SOSERDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	20
SOSESDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	22
SOSEUDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	18
SOSGCDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	49

Table 277. EMSTATUS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
SOSMVS_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	48
SOSRDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	23
SOSSDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	21
SOSUDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	16
STALL_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	14
SYSCONDS	BIT	CPSM	1	LIKE	System health indicatorsOff-not sys dumpingOff-not tran dumpingOff-not at max tasksOff-not stalledCICS V3 modename que ok	7
SYSCONDS Input/output valid values	128 (SYSDUMP), 64 (TRANDUMP), 32 (MAXTASK), 16 (STALLED), 01 (MODEOK)					
SYSDUMP_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	11
TRANDUMP_CNT	BINARY	CPSM	4	LIKE	Last transaction dump use count	32
TRANDUMP_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	12
VTAMACB	CVDAS	INQ	4	LIKE	VTAM ACB open status	37
VTAMACB Output valid values	OPEN, CLOSED, CLOSING, IMMCLOSING, FORCECLOSING, N_A					

EMTDQS Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMTDQS is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MTDQS resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS.

External resource name

Length

24

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2474

Table 278. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 279. EMTDQS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MTDQS					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

EMTERM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMTERM is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MTERM resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS .

External resource name

Length

24

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2534

Table 280. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 281. EMTERM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MTERM					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

EMTRAN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMTRAN is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MTRAN resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS .

External resource name

Length

24

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2475

Table 282. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 283. EMTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6

Table 283. EMTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
MONCLASS Output valid values	MTRAN					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ENQINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of an ENQ/DEQ model definition (ENQMDEF) in a resource group (RESGROUP). A ENQMDEF can be a member of multiple RESGROUPs.

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6167

Table 284. Valid CPSM operations

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

Table 285. ENQINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available

Table 285. ENQINGRP FEEDBACK error codes (continued)

12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 286. ENQINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
ENQMGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
ENQMNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	Enqueue model definition name	6
ENQMVER-3	BINARY	CPSM	1	Yes	AVG	Yes	Enqueue model definition version	7

ENQMDEF Resource Table

A CICS Definition that describes an ENQ/DEQ model.

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

The following actions are supported:

INSTALL

Install an ENQ/DEQ Model Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length

384

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3822

Table 287. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value) RESGROUP(value)	No No
CREATE		RESGROUP(value)	No

Table 287. Valid CPSM operations (continued)

UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES/NO)	No
		MODE(value)	No
		NOTIFY(NO/INACTIVE/RELEASE/IFULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET/RELATED/BOTH/NONE)	No
		RELATED(value)	No
		STATECHK(YES/NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 288. ENQMDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict

Table 288. ENQMDEF FEEDBACK error codes (continued)

51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYS	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 289. ENQMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			12
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15	5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	17
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			16
ENQNAME	CHAR	CPSM	255	Yes	DIFF	No	Enqueue resource name			11
ENQSCOPE	CHAR	CPSM	4	No	DIFF	No	Enqueue scope name			9
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Enqueue status	ENABLED		10
STATUS Input/output valid values	ENABLED, DISABLED									
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1			13
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2			14
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3			15

ENQMODEL Resource Table

A CICS Resource that describes a ENQ/DEQ model in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

DISABLE

Disable an ENQ/DEQ model.

DISCARD

Discard an ENQ/DEQ model.

ENABLE

Enable an ENQ/DEQ model.

These actions require no unique parameter data.

External resource name

Length
288

Usage API or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0093

Table 290. Valid CPSM operations

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

Table 291. ENQMODEL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ENQNAME	CHAR	INQ	255	DIFF	No	Enqueue resource name	3
ENQSCOPE	CHAR	INQ	4	DIFF	No	Enqueue scope name	2
ENQSTATUS	CVDAS	INQ	4	LIKE	Yes	Enqueue status	4
ENQSTATUS Input/output valid values	ENABLED, DISABLED, WAITING						
NAME-1	CHAR	INQ	8	DIFF	Yes	Enqueue model name	1

ENQUEUE Resource Table

A CICS Resource that provides CICS enqueues in an active system being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

External resource name

Length

168

Usage API or EVALDEF**API view**

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0123

Table 292. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 293. ENQUEUE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
NQGACNQRT	INTTSTP	STAT	8	MAX	No	Average retention time for enqueue requests	28
NQGAGNQWT	INTTSTP	STAT	8	MAX	No	Average waiting time for sysplex enqueue requests	26
NQGATNQWT	INTTSTP	STAT	8	MAX	No	Average waiting time for enqueue requests	24
NQGCACNQRT	INTTSTP	STAT	8	MAX	No	Average retention time for current enqueues	29
NQGCAGNQWT	INTTSTP	STAT	8	MAX	No	Average waiting time for current sysplex enqueues	27
NQGCATNQWT	INTTSTP	STAT	8	MAX	No	Average waiting time for current waiting enqueues	25
NQGCNQRT	INTTSTP	STAT	8	MAX	No	Retention time for enqueues retained currently	23
NQGCNQSR	BINARY	STAT	4	AVG	No	Number of enqueue requests retained currently	12
NQGCNQSW	BINARY	STAT	4	AVG	No	Number of enqueue requests waiting currently	8
NQGCNQWT	INTTSTP	STAT	8	MAX	No	Waiting time for current waiting enqueue requests	19
NQGGNQSW	BINARY	STAT	4	AVG	No	Total sysplex enqueue requests that waited	9
NQGGNQWT	INTTSTP	STAT	8	MAX	No	Total waiting time for sysplex enqueue requests	20
NQGP00L-1	CHAR	STAT	8	DIFF	Yes	Enqueue pool ID	5
NQGSNQSW	BINARY	STAT	4	AVG	No	Sysplex enqueue request count waiting currently	10

Table 293. ENQUEUE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
NQGSNQWT	INTTSTP	STAT	8	MAX	No	Waiting time for current sysplex enqueue requests	21
NQGTIRJB	BINARY	STAT	4	AVG	No	Total enqueue requests rejected with ENQBUSY	13
NQGTIRJR	BINARY	STAT	4	AVG	No	Total enqueue requests rejected ENQ retained	14
NQGTNQRT	INTTSTP	STAT	8	MAX	No	Total retention time for enqueue requests	22
NQGTNQSI	BINARY	STAT	4	AVG	No	Total number of enqueues issued	6
NQGTNQSR	BINARY	STAT	4	AVG	No	Total enqueue requests that were retained	11
NQGTNQSW	BINARY	STAT	4	AVG	No	Total number of enqueue requests that waited	7
NQGTNQWT	INTTSTP	STAT	8	MAX	No	Total waiting time for enqueue requests	18
NQGTWPOP	BINARY	STAT	4	AVG	No	Total waiting enqueue requests purged by operator	16
NQGTWPTO	BINARY	STAT	4	AVG	No	Total waiting enqueue requests purged by timeout	17
NQGTWRJR	BINARY	STAT	4	AVG	No	Total waiting enqueues rejected ENQ retained	15

EPLEXCHG Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EPLEXCHG is emitted by a Communications control object when a CICSplex definition is created, updated, or removed.

External resource name

Length

24

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2480

Table 294. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 295. EPLEXCHG resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	BINARY	CPSM	1	LIKE	StatusCICSplex AddCICSplex UpdateCICSplex RemoveCICSplex Add - Plex ExistsCICSplex Add - Add FailedCICSplex Add - Undelete	7
ACTION Input/output valid values	1 (PLEXADD), 2 (PLEXUPD), 3 (PLEXREM), 4 (PLEXA_E), 5 (PLEXA_F), 6 (PLEXA_U)					
CICSPLEX	CHAR	CPSM	8	LIKE	CICSplex name	4
DAYLGHTSV	EYUDA	CPSM	4	LIKE	Daylight savings in effect	11
DAYLGHTSV Output valid values	YES, NO					
INTERVAL	BINARY	CPSM	2	LIKE	Performance interval	6
TMEZONE	CHAR	CPSM	1	LIKE	Time zone	9
TMEZONEO	BINARY	CPSM	1	LIKE	Time zone offset	8

ERESSTAT Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERESSTAT is emitted by a Topology control object when a CICS Resource object has an operational state transition. ERESSTAT is only emitted if the MAS is the target of resource status facility status monitoring.

External resource name

Length

72

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2605

Table 296. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 297. ERESSTAT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CICSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
RESCLASS	CHAR	CPSM	8	LIKE	Resource class	6
RESNAME	CHAR	CPSM	44	LIKE	Resource name	7
RESSTAT	BINARY	CPSM	4	LIKE	Resource class status	8

ERMCAIMD Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCAIMD is emitted by a Topology control object when a autoinstall terminal model resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

32

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2557

Table 298. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 299. ERMCAIMD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actionInstall ResourceDiscard ResourceUpdate Resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5

Table 299. ERMCAIMD resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
NAME	CHAR	CPSM	8	LIKE	Autoinstalled model name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCCONN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCCONN is emitted by a Topology control object when a connection resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

40

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2492

Table 300. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 301. ERMCCONN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	9
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CONNTYPE	EYUDA	CPSM	4	LIKE	Connection type	7
CONNTYPE Output valid values	LU61, LU62, MRO, INDIRECT, EXCI					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	4	LIKE	Connection name	6

Table 301. ERMCCONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
NETNAME	CHAR	INQ	8	LIKE	Target network name	8
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCDDB2C Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCDDB2C is emitted by a Topology control object when a DB2 connection resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

32

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2621

Table 302. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 303. ERMCDDB2C resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	DB2 connection name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCDDB2E Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCDDB2E is emitted by a Topology control object when a DB2 entry resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

32

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2622

Table 304. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 305. ERMCDDB2E resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	DB2 entry name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCDDB2T Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCDDB2T is emitted by a Topology control object when a DB2 transaction resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

32

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2623

Table 306. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 307. ERMCDDB2T resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	DB2 transaction name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCDDOCT Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCTCPS is emitted by a Topology control object when a Document Template resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

32

Usage API

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Notification

Copybook identifier
EYUt2631

Table 308. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 309. ERMCDOCT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	Document template name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCDSNM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCDSNM is emitted by a Topology control object when a data set resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

72

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2585

Table 310. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 311. ERMCDSDNM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	8
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
DTYPE	CVDAS	CPSM	4	LIKE	Data set type	7
DTYPE Output valid values	VSAM, BDAM					
NAME	CHAR	CPSM	44	LIKE	Data set name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMENQM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMENQM is emitted by a Topology control object when a ENQ/DEQ resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name**Length**

32

Usage API**API view**

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier
EYUt2625

Table 312. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 313. ERMCFEFCO resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	Enqueue model name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCFEFCO Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCFEFCO is emitted by a Topology control object when a FEPI connection resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

24

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2586

Table 314. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 315. ERMCFECO resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	4	LIKE	FEPI connection name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCFEND Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCFEND is emitted by a Topology control object when a FEPI node resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

32

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2558

Table 316. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 317. ERMCFEND resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actionInstall ResourceDiscard ResourceUpdate Resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5

Table 317. ERMCFEND resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
NAME	CHAR	CPSM	8	LIKE	FEPI node name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCFEPO Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCFEPO is emitted by a Topology control object when a FEPI pool resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

32

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2559

Table 318. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 319. ERMCFEPO resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actionInstall ResourceDiscard ResourceUpdate Resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	FEPI pool name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCFETR Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCFETR is emitted by a Topology control object when a FEPI target resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

32

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2560

Table 320. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 321. ERMCFETR resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actionInstall ResourceDiscard ResourceUpdate Resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	FEPI target name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCFEFILE Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCFILE is emitted by a Topology control object when a file resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

48

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2493

Table 322. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 323. ERMCFILE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	10
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
FILETYPE	EYUDA	CPSM	4	LIKE	File type	7
FILETYPE Output valid values	LFILE, RFILE, CTABL, UTABL, CFTBL					
NAME	CHAR	CPSM	8	LIKE	File name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
REMOTENAME	CHAR	CPSM	8	LIKE	Remote file name	8
REMOTESYSTEM	CHAR	CPSM	4	LIKE	Remote system name	9

ERMCG LUE Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCG LUE is emitted by a Topology control object when a global user exit resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name
Length
 40
Usage API
API view
 No
CMAS context
 No
SCOPE applies
 No
Only query CMASs in workload
 No
Object type
 CICSplex SM Notification
Copybook identifier
 EYUt2587

Table 324. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 325. ERMCGLUE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	8
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
EXITNAME	CHAR	CPSM	8	LIKE	Exit point name	7
NAME	CHAR	CPSM	8	LIKE	Global user exit program name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCI PCN Resource Table

The ERMCI PCN views display changes to an instance of an IPIC connection (IPCONN) within a CICS system.

External resource name
Length
 40
Usage API
API view
 No
CMAS context
 No
SCOPE applies
 No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2642

Table 326. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 327. ERMCI PCN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	9
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CONNTYPE	EYUDA	CPSM	4	LIKE	Connection type	7
CONNTYPE Output valid values	TCPIP					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	IP Connection name	6
NETNAME	CHAR	INQ	8	LIKE	Target network name	8
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERM CJRNL Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERM CJRNL is emitted by a Topology control object when a journal resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name**Length**

24

Usage API**API view**

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier
EYUt2494

Table 328. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 329. ERMJCJRN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	8
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
JRNLTYP	CVDAS	INQ	4	LIKE	Journal type	6
JRNLTYP Output valid values	DISK1, DISK2, DISK2PAUSE, SMF, TAPE1, TAPE2					
NAME	BINARY	INQ	2	LIKE	Journal name	7
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMJCJRN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMJCJRN is emitted by a Topology control object when a journal name resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

24

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2600

Table 330. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 331. ERM CJRNM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actionInstall resourceDiscard resourceUpdate resource	8
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
JRNLTYP	CVDAS	INQ	4	LIKE	Log stream type	6
JRNLTYP Output valid values	MVS, SMF, DUMMY					
NAME	BINARY	INQ	2	LIKE	Journal name	7
PLEXNAME	CHAR	CPSM	8	LIKE	CICS Plex name	4

ERMCMODE Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCMODE is emitted by a Topology control object when a modename resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

32

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Plex SM Notification

Copybook identifier

EYUt2495

Table 332. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 333. ERMCMODE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	INQ	8	LIKE	Mode name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCPART Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCPART is emitted by a Topology control object when a partner table resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

32

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2561

Table 334. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 335. ERMCPART resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actionInstall ResourceDiscard ResourceUpdate Resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5

Table 335. ERMCPART resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
NAME	CHAR	CPSM	8	LIKE	Partner name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCPRGM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCPRGM is emitted by a Topology control object when a program resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

40

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2496

Table 336. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 337. ERMCPRGM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	9
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	INQ	8	LIKE	Program name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
REMOTENAME	CHAR	INQ	8	LIKE	Program name in remote system	7
REMOTESYSTEM	CHAR	INQ	4	LIKE	Remote system name	8

ERMCPROF Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCPROF is emitted by a Topology control object when a profile resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

32

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2562

Table 338. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 339. ERMCPROF resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actionInstall ResourceDiscard ResourceUpdate Resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	Profile name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCPRTY Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCPRTY is emitted by a Topology control object when a process type resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

32

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2629

Table 340. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 341. ERMCPRTY resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	Process type name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCRQMD Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCRQMD is emitted by a Topology control object when a requests resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

32

Usage API

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Notification

Copybook identifier
EYUt2626

Table 342. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 343. ERMCRQMD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	Request model name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCSMDMP Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCSMDMP is emitted by a Topology control object when a system dump code resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

32

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2588

Table 344. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 345. ERMCSMDMP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	System dump code	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCTCPS Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCTCPS is emitted by a Topology control object when a TCPIP Service resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name**Length**

32

Usage API**API view**

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2630

Table 346. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 347. ERMCTCPS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	TCP/IP service name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCTDMP Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCTDMP is emitted by a Topology control object when a transaction dump code resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

24

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2589

Table 348. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 349. ERMCTDMP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7

Table 349. ERMCTDMP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	4	LIKE	Transaction dump code	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCTDQ Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCTDQ is emitted by a Topology control object when a transient data queue resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

40

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2497

Table 350. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 351. ERMCTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	10
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	INQ	4	LIKE	TD queue name	6

Table 351. ERMCTDQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
REMOTENAME	CHAR	INQ	4	LIKE	TD queue name in remote system	8
REMOTESYSTEM	CHAR	INQ	4	LIKE	Remote system name	9
TDQTYPE	CVDAS	INQ	4	LIKE	TD queue type	7
TDQTYPE Output valid values	INTRA, EXTRA, REMOTE, INDIRECT					

ERMCTERM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCTERM is emitted by a Topology control object when a terminal resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

24

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2498

Table 352. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 353. ERMCTERM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5

Table 353. ERMCTERM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
NAME	CHAR	INQ	4	LIKE	Terminal name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCTRAN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCTRAN is emitted by a Topology control object when a transaction resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

40

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2499

Table 354. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 355. ERMCTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	10
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	INQ	4	LIKE	Transaction ID	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
REMOTENAME	CHAR	INQ	8	LIKE	Remote transaction ID	8
REMOTESYSTEM	CHAR	INQ	4	LIKE	Remote system name	9

Table 355. ERMCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
TRANSTYPE	EYUDA	CPSM	4	LIKE	Transaction type	7
TRANSTYPE Output valid values	LTRAN, RTRAN					

ERMCTRUE Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCTRUE is emitted by a Topology control object when a task-related user exit resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

40

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2590

Table 356. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 357. ERMCTRUE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actionInstall resourceDiscard resourceUpdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
ENTRYNME	CHAR	CPSM	8	LIKE	Entry Name	8
NAME	CHAR	CPSM	8	LIKE	Task-related user exit program name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCTSMD Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCTSMD is emitted by a Topology control object when a temporary storage queue resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

32

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2624

Table 358. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 359. ERMCTSMD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	TS model name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMMCONN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMMCONN is emitted by a Topology control object when a connection resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

External resource name

Length

16

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2500

Table 360. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 361. ERMMCONN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMMFILE Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMMFILE is emitted by a Topology control object when a file resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

External resource name

Length

16

Usage API

API view

No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Notification

Copybook identifier
EYUt2501

Table 362. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 363. ERMMFILE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMMJRNL Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMMJRNL is emitted by a Topology control object when a journal resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

External resource name

Length

16

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2502

Table 364. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 365. ERMMJRNL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMMPRGM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMMPRGM is emitted by a Topology control object when a program resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

External resource name

Length

16

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2503

Table 366. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 367. ERMMPRGM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMMTDQ Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMMTDQ is emitted by a Topology control object when a transient data queue resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

External resource name

Length

16

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2504

Table 368. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 369. ERMMTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMMTTERM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMMTTERM is emitted by a Topology control object when a terminal resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

External resource name

Length
 16
Usage API
API view
 No
CMAS context
 No
SCOPE applies
 No
Only query CMASs in workload
 No
Object type
 CICSplex SM Notification
Copybook identifier
 EYUt2505

Table 370. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 371. ERMATERM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMATERM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMATERM is emitted by a Topology control object when a transaction resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

External resource name

Length
 16

Usage API

API view
 No

CMAS context
 No

SCOPE applies
 No

Only query CMASs in workload
No

Object type
CICSplex SM Notification

Copybook identifier
EYUt2506

Table 372. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 373. ERMSTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ESGRPCHG Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ESGRPCHG is emitted by a Topology control object when a CICS system group definition is created or removed, or the associated linkage objects are updated. For associator changes, an instance of this notification is created for each CICS system processed.

External resource name

Length

32

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2479

Table 374. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 375. ESGRPCHG resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	BINARY	CPSM	1	LIKE	StatusCICS System AddedCICS System DeletedSystem Group RemovedSystem Group Added	7
ACTION Input/output valid values	1 (CSYSADD), 2 (CSYSEDEL), 3 (SGRPREM), 4 (SGRPADD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSPLex name	4
SGRPNAME	CHAR	CPSM	8	LIKE	System group name	5

EVALDEF Resource Table

A CPSM Real Time Analysis Definition that describes the controls used to perform an evaluation of a CICS resource, or MAS, or EVENT object.

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

External resource name

Length

1456

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSPLex SM Definition

Copybook identifier

EYUt2808

Table 376. Valid CPSM operations

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

Table 377. EVALDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found

Table 377. EVALDEF FEEDBACK error codes (continued)

3	INV_TERM	Terminator missing from end of string	4	REC_EXISTS	Resource already exists
6	INV_RESTYPE	Invalid resource type	7	INV_ATTR	Attribute does not exist or is not settable

Table 378. EVALDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
DESC	CHAR	CPSM	58	No	DIFF	No	Description			29
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	40
EVALCOL	CHAR	CPSM	12	Yes	DIFF	No	Field being evaluated			27
EVALDATA	CHAR	CPSM	44	Yes	DIFF	No	Evaluation data value			33
EVALOPER	EYUDA	CPSM	4	Yes	LIKE	No	Evaluation logical operator	N_A		9
EVALOPER Input/output valid values	N_A, EQ, NE, LT, GT, LE, GE									
EVALTYPE	EYUDA	CPSM	4	Yes	LIKE	No	Evaluation type			7
EVALTYPE Input/output valid values	VALUE, THRESHOLD									
FILTER	CHAR	CPSM	800	No	DIFF	No	Filter string			37
GETPARMS	CHAR	CPSM	42	No	DIFF	No	Get parameters			42
HSDATA	CHAR	CPSM	12	Yes	DIFF	No	Lower bound of range for HS			21
HWDATA	CHAR	CPSM	12	Yes	DIFF	No	Lower bound of range for HW			19
INSTANCE	CHAR	CPSM	44	Yes	DIFF	No	Instance identifier of evaluated resource			31
LSDATA	CHAR	CPSM	12	Yes	DIFF	No	Upper bound of range for LS			15
LWDATA	CHAR	CPSM	12	Yes	DIFF	No	Upper bound of range for LW			17
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			5
OPRSTRING	CHAR	CPSM	320	No	DIFF	No	Modification string			39

Table 378. EVALDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
SAMPLE	BINARY	CPSM	4	Yes	AVG	No	Sample interval	300	1-86400	6
SEPTASK	EYUDA	CPSM	4	Yes	LIKE	No	Separate task indicator	NO		4
SEPTASK Input/output valid values	YES, NO									
SETACTION	EYUDA	CPSM	4	Yes	LIKE	No	Method of evaluating results in result set			8
SETACTION Input/output valid values	ALL, ANY, SUM, MIN, MAX, AVG, CNT									
SEVERITY	EYUDA	CPSM	4	Yes	LIKE	No	Severity assigned when result meets criteria	N_A		11
SEVERITY Input/output valid values	N_A, VLS, LS, LW, HW, HS, VHS									
TABLE	CHAR	CPSM	8	Yes	DIFF	No	Resource table			25
VHSDATA	CHAR	CPSM	12	Yes	DIFF	No	Lower bound of range for VHS			23
VIEW	CHAR	CPSM	8	No	DIFF	No	View that may provide extra information			24
VLSDATA	CHAR	CPSM	12	Yes	DIFF	No	Upper bound of range for VLS			13

EVENTDTL Resource Table

A CPSM Real Time Analysis Manager object that describes an evaluation that participated in the generation of an EVENT. Not all events have detail objects (refer to the DETAIL attribute of the EVENT resource table.) When present, an EVENTDTL instance is the runtime object built from an EVALDEF definition.

While the EVENT resource class identifies multiple key attributes, only the NAME attribute can be specified in an EVALDEF INSTANCE attribute.

There are no object specific actions for this resource class.

When EVENTDTL instances are requested using the API GET or REFRESH commands, the data values returned are the most current values used by the evaluation service. It is possible to see intermediate evaluation state transitions that occur prior to an analysis of the RTADEF that references the evaluation.

External resource name
Length
 384
Usage API
API view
 No
CMAS context
 No
SCOPE applies
 No
Only query CMASs in workload
 No
Object type
 CICSplex SM Manager
Copybook identifier
 EYUt2520

Table 379. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 380. EVENTDTL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CONTEXT-1	CHAR	CPSM	8	DIFF	Yes	Context	35
CURRDATA	TEXT	CPSM	44	DIFF	No	Actual data value at last evaluation	31
DATETIME	DATETIME	CPSM	8	MAX	No	Date and time when evaluation was last true	24
EDEFTIME	DATETIME	CPSM	8	MAX	No	Date and time when evaluation definition created	23
EVALCOL	CHAR	CPSM	12	DIFF	No	Name of field being evaluated	27
EVALDATA	TEXT	CPSM	44	DIFF	No	Evaluation data value	29
EVALOPER	EYUDA	CPSM	4	LIKE	No	Evaluation logical operator	10
EVALOPER Output valid values	EQ, NE, LT, GT, LE, GE						
EVALTYPE	EYUDA	CPSM	4	LIKE	No	Evaluation type	9
EVALTYPE Output valid values	VALUE, THRESHOLD						
EVENT-2	CHAR	CPSM	8	DIFF	Yes	Associated event name	5
EVNTSEV-4	EYUDA	CPSM	4	LIKE	Yes	Event severity	36
EVNTSEV-4 Output valid values	VAL, VS, VSW, NM, HW, HS, VHS						
HSDATA	CHAR	CPSM	12	DIFF	No	Lower boundary for severity of HS	21
HWDATA	CHAR	CPSM	12	DIFF	No	Lower boundary for severity of HW	20
INSTANCE	CHAR	CPSM	44	DIFF	No	Name of resource being evaluated	26
KEY	CHAR	CPSM	44	DIFF	No	Identifier of specific resource that caused event	34

Table 380. EVENTDTL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
LSDATA	CHAR	CPSM	12	DIFF	No	Lower boundary for severity of LS	18
LWDATA	CHAR	CPSM	12	DIFF	No	Lower boundary for severity of LW	19
NAME-7	CHAR	CPSM	8	DIFF	Yes	Name of associated evaluation definition	4
PRIORITY-5	BINARY	CPSM	1	AVG	Yes	Event priority	37
RATE	BINARY	CPSM	4	AVG	No	Evaluation interval (seconds)	16
RESTYPE	CHAR	CPSM	8	DIFF	No	Resource type	33
SEQUENCE-6	BINARY	CPSM	4	AVG	Yes	Event sequence number	38
SETACTION	EYUDA	CPSM	4	LIKE	No	Result set evaluation type	15
SETACTION Output valid values	ALL, ANY, SUM, MIN, MAX, AVG, CNT						
SEVERITY	EYUDA	CPSM	4	LIKE	No	Current severity	8
SEVERITY Output valid values	VLS, LS, LW, NM, HW, HS, VHS						
STATE	EYUDA	CPSM	4	LIKE	No	Result of evaluation	7
STATE Output valid values	TRUE, FALSE						
TABLE	CHAR	CPSM	8	DIFF	No	Resource table name	25
TARGET-3	CHAR	CPSM	8	DIFF	Yes	Name of CICS system or group that is target of evaluation	6
VHSDATA	CHAR	CPSM	12	DIFF	No	Lower boundary for severity of VHS	22
VIEW	CHAR	CPSM	8	DIFF	No	Name of a view that may provide extra information	32
VLSDATA	CHAR	CPSM	12	DIFF	No	Lower boundary for severity of VLS	17

EVENT Resource Table

A CPSM Real Time Analysis Manager object that describes an outstanding condition reported by an RTA service. The EVENT instance can be generated as a result of SAM, APM, or MRM processing. The type and mode of the condition are described in the instance.

For APM and MRM generated EVENTS, the name of the instance is the name of the RTADEF or STATDEF that was found to be TRUE.

While the EVENT resource class identifies multiple key attributes, only the NAME attribute can be specified in an EVALDEF INSTANCE attribute.

There are no object specific actions for this resource class.

The internal creation or updating of an EVENT object is always noted by an EACTNTFN notification. By registering interest in this notification, EVENT objects need not be polled to see if changes have occurred.

External resource name

Length

320

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2519

Table 381. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 382. EVENT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACTION	CHAR	CPSM	8	DIFF	No	Action name	39
CMAS	CHAR	CPSM	8	DIFF	No	CMAS in which event was raised	38
CONTEXT-1	CHAR	CPSM	8	DIFF	Yes	Name of context to which event applies	46
CURHSENTRY	BINARY	CPSM	4	AVG	No	Current HS true evaluation count	28
CURHSEXIT	BINARY	CPSM	4	AVG	No	Current HS false evaluation count	34
CURHWENTRY	BINARY	CPSM	4	AVG	No	Current HW true evaluation count	27
CURHWEXIT	BINARY	CPSM	4	AVG	No	Current HW false evaluation count	33
CURLSENTRY	BINARY	CPSM	4	AVG	No	Current LS true evaluation count	25
CURLSEXIT	BINARY	CPSM	4	AVG	No	Current LS false evaluation count	31
CURLWENTRY	BINARY	CPSM	4	AVG	No	Current LW true evaluation count	26
CURLWEXIT	BINARY	CPSM	4	AVG	No	Current LW false evaluation count	32
CURVHSENTRY	BINARY	CPSM	4	AVG	No	Current VHS true evaluation count	29
CURVHSEXIT	BINARY	CPSM	4	AVG	No	Current VHS false evaluation count	35
CURVLSSENTRY	BINARY	CPSM	4	AVG	No	Current VLS true evaluation count	24
CURVLSSEXIT	BINARY	CPSM	4	AVG	No	Current VLS false evaluation count	30
DATETIME	DATETIME	CPSM	8	MAX	No	Date and time when event was created	37
DESC	CHAR	CPSM	58	DIFF	No	Event description	42
DETAIL	EYUDA	CPSM	4	LIKE	No	Detailed information availability	8
DETAIL Output valid values	YES, NO						
EVALTYPE	EYUDA	CPSM	4	LIKE	No	Event type	7
EVALTYPE Output valid values	SAM, APM, MRM						
GENALERT	EYUDA	CPSM	4	LIKE	No	SNA generic alert generation	10

Table 382. EVENT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
GENALERT Output valid values	YES, NO						
GENEXTMSG	EYUDA	CPSM	4	LIKE	No	External message generation	9
GENEXTMSG Output valid values	YES, NO						
HSEENTRY	BINARY	CPSM	4	AVG	No	Evaluation count with HS true before event	16
HSEXIT	BINARY	CPSM	4	AVG	No	Evaluation count with HS false before resolution	22
HWENTRY	BINARY	CPSM	4	AVG	No	Evaluation count with HW true before event	15
HWEXIT	BINARY	CPSM	4	AVG	No	Evaluation count with HW false before resolution	21
KEY	CHAR	CPSM	44	DIFF	No	Name of specific resource that caused event	45
LSEENTRY	BINARY	CPSM	4	AVG	No	Evaluation count with LS true before event	13
LSEXIT	BINARY	CPSM	4	AVG	No	Evaluation count with LS false before resolution	19
LWENTRY	BINARY	CPSM	4	AVG	No	Evaluation count with LW true before event	14
LWEXIT	BINARY	CPSM	4	AVG	No	Evaluation count with LW false before resolution	20
NAME-2	CHAR	CPSM	8	DIFF	Yes	Event name	4
NETVIEW	CHAR	CPSM	8	DIFF	No	CMAS to which Netview attached	36
PRIORITY-5	BINARY	CPSM	1	AVG	Yes	Event priority	41
RATE	BINARY	CPSM	4	AVG	No	Interval between evaluations	11
RESTYPE	CHAR	CPSM	8	DIFF	No	Resource type	44
SEQUENCE-6	BINARY	CPSM	4	AVG	Yes	Event sequence number	43
SEVERITY-4	EYUDA	CPSM	4	LIKE	Yes	Event severity	6
SEVERITY-4 Output valid values	VLS, VLSA, HW, HS, VHS						
TARGET-3	CHAR	CPSM	8	DIFF	Yes	Current event target	5
VHSEENTRY	BINARY	CPSM	4	AVG	No	Evaluation count with VHS true before event	17
VHSEXIT	BINARY	CPSM	4	AVG	No	Evaluation count with VHS false before resolution	23
VIEW	CHAR	CPSM	8	DIFF	No	Associated user data	40
VLSEENTRY	BINARY	CPSM	4	AVG	No	Evaluation count with VLS true before event	12
VLSEXIT	BINARY	CPSM	4	AVG	No	Evaluation count with VLS false before resolution	18

EXCI Resource Table

A CICS Resource that describes information about tasks that originated from client programs using the external CICS interface API

There are no object specific actions for this resource class.

External resource name

Length

80

Usage API or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0168

Table 383. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 384. EXCI resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
LUID-1	CHAR	INQ	35	DIFF	EXCI client identifier	2
MVSSYSID	CHAR	CPSM	4	DIFF	EXCI client MVS system ID	5
RRMSURID	HEX	CPSM	16	DIFF	RRMS/MVS Unit of Recovery Identifier	3
TASK-2	BINARY	INQ	4	DIFF	Task Number	1

EXITGLUE Resource Table

A CICS Resource that describes a global user exit in an active CICS system being managed by CICSplex SM.

While the EXITGLUE resource class identifies multiple key attributes, only the PROGRAM attribute can be specified in an EVALDEF INSTANCE attribute.

There are no object specific actions for this resource class.

External resource name

Length

64

Usage API

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0056

Table 385. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 386. EXITGLUE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ENTRY	ADDRESS	INQ	4	MAX	No	Entry address of global user exit	9
ENTRYNAME	CHAR	INQ	8	DIFF	No	Entry name	3
EXITPOINT-2	CHAR	INQ	8	DIFF	Yes	Exit name	2
GAENTRYNAME	CHAR	INQ	8	DIFF	No	Name of exit which owns global work area	4
GALENGTH	BINARY	INQ	2	AVG	No	Length of global work area	7
GAUSECOUNT	BINARY	INQ	4	AVG	No	Number of global work area users	6
NUMEXITS	BINARY	INQ	2	AVG	No	Number of global exit points where exit is enabled	8
PROGRAM-1	CHAR	INQ	8	DIFF	Yes	Program name	1
STARTSTATUS	CVDAS	INQ	4	LIKE	No	Exit program availability status	5
STARTSTATUS Output valid values	STARTED, STOPPED						

EXITTRUE Resource Table

A CICS Resource that describes a task related user exit in an active CICS system being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

External resource name**Length**

104

Usage API**API view**

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0055

Table 387. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 388. EXITTRUE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
APIST	CVDAS	INQ	4	LIKE	No	Open API status	17
APIST Output valid values	OPENAPI, BASEAPI, NOTAPPLIC						
CONCURRENTST	CVDAS	INQ	4	LIKE	No	Concurrency type	16
CONCURRENTST Output valid values	QUASIRENT, THREADSAFE, NOTAPPLIC						
CONNECTST	CVDAS	INQ	4	LIKE	No	Connect status	12
CONNECTST Output valid values	CONNECTED, NOTCONNECTED, UNKNOWN, NOTAPPLIC						
ENTRY	ADDRESS	INQ	4	MAX	No	Entry-point address of task related user exit	11
ENTRYNAME-2	CHAR	INQ	8	DIFF	Yes	Entry name	2
FORMATEDEFST	CVDAS	INQ	4	LIKE	No	Format execution diagnostic facility (EDF) status	4
FORMATEDEFST Output valid values	FORMATEDF, NOFORMATEDF, NOTAPPLIC						
GAENTRYNAME	CHAR	INQ	8	DIFF	No	Name of exit owning global work area	3
GALENGTH	BINARY	INQ	2	AVG	No	Length of global work area	9
GAUSECOUNT	BINARY	INQ	4	AVG	No	Number of work area users	8
INDOUBTST	CVDAS	INQ	4	LIKE	No	INDOUBTWAIT enabled status	13
INDOUBTST Output valid values	WAIT, NOWAIT, NOTAPPLIC						
PROGRAM-1	CHAR	INQ	8	DIFF	Yes	Program name	1
PURGEABLEST	CVDAS	INQ	4	LIKE	No	Purgeable status	18
PURGEABLEST Output valid values	PURGEABLE, NOTPURGEABLE, NOTAPPLIC						
QUALIFIER	CHAR	INQ	8	DIFF	No	SPI qualifier	14
SHUTDOWNST	CVDAS	INQ	4	LIKE	No	Exit CICS shutdown status	5
SHUTDOWNST Output valid values	SHUTDOWN, NOSHUTDOWN, NOTAPPLIC						
SPIST	CVDAS	INQ	4	LIKE	No	Exit-enabled-for-(SPI) calls option	15
SPIST Output valid values	SPI, NOSPI, NOTAPPLIC						
STARTSTATUS	CVDAS	INQ	4	LIKE	No	Exit program availability status	6

Table 388. EXITTRUE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
STARTSTATUS Output valid values	STARTED, STOPPED						
TALENGTH	BINARY	INQ	2	AVG	No	Length of local work area	10
TASKSTART	CVDAS	INQ	4	LIKE	No	Start and end of task invocation status	7
TASKSTART Output valid values	TASKSTART, NOTASKSTART, NOTAPPLIC						

EXTGLORD Resource Table

A CICS Resource that describes a global user exit in an active CICS system being managed by CICSplex SM.

The EXITPOSITION key field shows the time order in which the exits were enabled for the EXITPOINT.

There are no object specific actions for this resource class.

External resource name

Length

80

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0140

Table 389. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 390. EXTGLORD resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CONCURRENTST	CVDAS	INQ	4	LIKE	No	Concurrency status	12

Table 390. EXTGLORD resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CONCURRENTST Output valid values	QUASIRENT, THREADSAFE						
ENTRY	ADDRESS	INQ	4	MAX	No	Entry address of global user exit	10
ENTRYNAME	CHAR	INQ	8	DIFF	No	Entry name	4
EXITPOINT-1	CHAR	INQ	8	DIFF	Yes	Exit name	1
EXITPOSITION-2	BINARY	CPSM	4	AVG	Yes	Exit position	2
GAENTRYNAME	CHAR	INQ	8	DIFF	No	Name of exit which owns global work area	5
GALENGTH	BINARY	INQ	2	AVG	No	Length of global work area	8
GAUSECOUNT	BINARY	INQ	4	AVG	No	Number of global work area users	7
NUMEXITS	BINARY	INQ	2	AVG	No	Number of global exit points where exit is enabled	9
PROGRAM-3	CHAR	INQ	8	DIFF	Yes	Program name	3
STARTSTATUS Output valid values	STARTED, STOPPED						
USECOUNT	BINARY	INQ	4	AVG	No	Program use count	11

EXTRATDQ Resource Table

A CICS Resource that describes an extrapartition transient data queue in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

CLOSE

Close the destination data set.

DISABLE

Disable the destination.

DISCARD

Discard a disabled and closed destination.

ENABLE

Enable the destination.

OPEN

Open the destination data set.

These actions require no unique parameter data.

External resource name

Length

144

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0026

Table 391. Valid CPSM operations

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

Table 392. EXTRATDQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
BLOCKFORMAT	CVDAS	INQ	4	LIKE	No	Block format	2
BLOCKFORMAT Output valid values	BLOCKED, UNBLOCKED, NOTAPPLIC						
BLOCKSIZE	BINARY	INQ	4	AVG	No	Block length (bytes)	16
DATABUFFERS	BINARY	INQ	4	AVG	No	Number of data buffers to be used	17
DDNAME	CHAR	INQ	8	DIFF	No	DD name on JCL statement defining data set	11
DISPOSITION	CVDAS	INQ	4	LIKE	No	Data set disposition	13
DISPOSITION Output valid values	MOD, OLD, SHARE						
DSNAME	CHAR	INQ	44	DIFF	No	Name of data set	12
EMPTYSTATUS	CVDAS	INQ	4	LIKE	No	Empty status	3
EMPTYSTATUS Output valid values	FULL, EMPTY, NOTEMPTY, NOTAPPLIC						
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enabled status	4
ENABLESTATUS Input/output valid values	ENABLED, DISABLED						
ENABLESTATUS Output valid values	NOTAPPLIC						
ERROROPTION	CVDAS	INQ	4	LIKE	No	CICS action for I/O error	14
ERROROPTION Output valid values	IGNORERR, SKIP						
IOTYPE	CVDAS	INQ	4	LIKE	No	I/O type	5
IOTYPE Output valid values	INPUT, OUTPUT, RDBACK, NOTAPPLIC						

Table 392. EXTRATDQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
MEMBER	CHAR	INQ	8	DIFF	No	Member name	19
OPENSTATUS	CVDAS	INQ	4	LIKE	Yes	Open status	6
OPENSTATUS Input/output valid values	OPEN, CLOSED						
OPENSTATUS Output valid values	OPENING, CLOSING, SWITCHING, NOTAPPLIC						
OUTCNT	BINARY	STAT	4	AVG	No	Number of READ and WRITE requests	10
PRINTCONTROL	CVDAS	INQ	4	LIKE	No	Print control type	7
PRINTCONTROL Output valid values	ASACTL, MCHCTL, NOCTL, NOTAPPLIC						
RECORDFORMAT	CVDAS	INQ	4	LIKE	No	Record format	8
RECORDFORMAT Output valid values	FIXED, VARIABLE, NOTAPPLIC						
RECORDLENGTH	CNUMERIC	INQ	4	AVG	No	Record length (bytes)	9
REWIND	CVDAS	INQ	4	LIKE	No	Rewind action when data set on tape closed	15
REWIND Output valid values	LEAVE, REREAD						
SYSOUTCLASS	CHAR	INQ	1	DIFF	No	SYSOUT class if spool file	18
TDQUEUE-1	CHAR	INQ	4	DIFF	Yes	Queue ID	1

FEEDBACK Resource Table

A MetaData resource that provides extended diagnostic data for an API command that encountered an error.

There is no key field for this resource class.

There are no object specific actions for this resource class.

External resource name

Length

248

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Metadata

Copybook identifier

EYUt2601

Table 393. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 394. FEEDBACK resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ATTRDATAVAL	CHAR	CPSM	1	LIKE	Attribute data availableAttribute Ids validNo Attribute Id data	5
ATTRDATAVAL Input/output valid values	Y (YES), N (NO)					
ATTR_DTYP1	BINARY	CPSM	1	LIKE	Attribute datatypeComponent IdentifierBinary NumericBinary Derived RateBinary Derived PercentBinary Derived SumBinary Derived RatioBinary Derived AverageSystem/390 TimestampBitText Unknown LengthCharacterEYUDACVDA StandardCVDA TerminalResource TypePacked DecimalDateInternal Label FieldBinary HHMMInterval Store ClockInterval MicrosecondsInterval MillisecondsInterval 16 MicrosecondsInterval SecondsInterval Store Clock DeltaDate Time GroupPacked Decimal TimestampAddressCoded NumericNon Display CharacterHexadecimalTable versionBinary derived rate 3DPBinary derived percent 3DPBinary derived sum 3DPBinary derived average 3DPPacked Decimal Time - No TenthsInterval Store Clock Length 12	18
ATTR_DTYP1 Input/output valid values	0 (COMP), 4 (BIN), 8 (RATE), 12 (PER), 16 (SUM), 20 (RATO), 24 (AVG), 28 (TSTP), 32 (BIT), 36 (TEXT), 40 (CHAR), 44 (EYUD), 48 (CVDS), 52 (CVDT), 56 (REST), 60 (PACK), 64 (DATE), 68 (ILBL), 72 (HHMM), 76 (SCLK), 80 (IUSC), 84 (IMSC), 88 (16US), 92 (ISEC), 96 (IUSS), 100 (DTGP), 104 (DECT), 108 (ADDR), 112 (CNUM), 116 (HCHR), 120 (HEX), 124 (TBLV), 128 (RAT3), 132 (PER3), 136 (SUM3), 140 (AVG3), 144 (DECS), 152 (SC12)					
ATTR_DTYP2	BINARY	CPSM	1	LIKE	Attribute datatype	23
ATTR_DTYP3	BINARY	CPSM	1	LIKE	Attribute datatype	28
ATTR_DTYP4	BINARY	CPSM	1	LIKE	Attribute datatype	33
ATTR_DTYP5	BINARY	CPSM	1	LIKE	Attribute datatype	38
ATTR_DTYP6	BINARY	CPSM	1	LIKE	Attribute datatype	50
ATTR_LEN1	BINARY	CPSM	2	LIKE	Attribute length	20
ATTR_LEN2	BINARY	CPSM	2	LIKE	Attribute length	25
ATTR_LEN3	BINARY	CPSM	2	LIKE	Attribute length	30
ATTR_LEN4	BINARY	CPSM	2	LIKE	Attribute length	35
ATTR_LEN5	BINARY	CPSM	2	LIKE	Attribute length	40
ATTR_LEN6	BINARY	CPSM	2	LIKE	Attribute length	52
ATTR_NM1	CHAR	CPSM	12	LIKE	Attribute name	16
ATTR_NM2	CHAR	CPSM	12	LIKE	Attribute name	21
ATTR_NM3	CHAR	CPSM	12	LIKE	Attribute name	26
ATTR_NM4	CHAR	CPSM	12	LIKE	Attribute name	31
ATTR_NM5	CHAR	CPSM	12	LIKE	Attribute name	36
ATTR_NM6	CHAR	CPSM	12	LIKE	Attribute name	48
ATTR_OFF1	BINARY	CPSM	2	LIKE	Attribute offset	17
ATTR_OFF2	BINARY	CPSM	2	LIKE	Attribute offset	22
ATTR_OFF3	BINARY	CPSM	2	LIKE	Attribute offset	27
ATTR_OFF4	BINARY	CPSM	2	LIKE	Attribute offset	32
ATTR_OFF5	BINARY	CPSM	2	LIKE	Attribute offset	37
ATTR_OFF6	BINARY	CPSM	2	LIKE	Attribute offset	49
ATTR_RID1	BINARY	CPSM	1	LIKE	Attribute relative ID	19
ATTR_RID2	BINARY	CPSM	1	LIKE	Attribute relative ID	24

Table 394. FEEDBACK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
ATTR_RID3	BINARY	CPSM	1	LIKE	Attribute relative ID	29
ATTR_RID4	BINARY	CPSM	1	LIKE	Attribute relative ID	34
ATTR_RID5	BINARY	CPSM	1	LIKE	Attribute relative ID	39
ATTR_RID6	BINARY	CPSM	1	LIKE	Attribute relative ID	51
CEIBDATAVAL	CHAR	CPSM	1	LIKE	EIB data availableEIB data validNo EIB data	6
CEIBDATAVAL Input/output valid values	Y (YES), N (NO)					
CEIBFN	HEX	CPSM	4	MIN	EIBFN response from CICS	13
CEIBRESP	BINARY	CPSM	4	LIKE	RESP response from CICS	11
CEIBRESP1	BINARY	CPSM	4	LIKE	RESP2 response from CICS	12
COMMAND	BINARY	CPSM	1	LIKE	Command codeNOOPCancelConnectCopyCreateDeleteDiscardDisconnectFetchGetLocateMarkOrder byPerform SetPerform ObjectQualifyQueryReceiveRemoveSpecify FilterUnmarkAddressGetdefListenRefreshSetSpecify ViewTerminateTranslateGroup byUpdateFeedbackExpand	4
COMMAND Input/output valid values	1 (NOOP), 2 (CANCEL), 3 (CONNECT), 4 (COPY), 5 (CREATE), 6 (DELETE), 7 (DISCARD), 8 (DISCONN), 9 (FETCH), 10 (GET), 11 (LOCATE), 12 (MARK), 13 (ORDER), 14 (PERFSET), 15 (PERFOBJ), 16 (QUALIFY), 17 (QUERY), 18 (RECEIVE), 19 (REMOVE), 20 (FILTER), 21 (UNMARK), 22 (ADDRESS), 23 (GETDEF), 24 (LISTEN), 25 (REFRESH), 26 (SET), 27 (VIEW), 28 (TERM), 29 (TRANS), 30 (GROUP), 31 (UPDATE), 32 (FEEDBACK), 33 (EXPAND)					
DIAGNOSTIC	BINARY	CPSM	32	LIKE	Internal diagnostic data	43
ERRCODEVAL	CHAR	CPSM	1	LIKE	Error code value availableError Code validNo Error Code Data	7
ERRCODEVAL Input/output valid values	Y (YES), N (NO)					
ERROR_CODE	BINARY	CPSM	4	LIKE	Error code	10
ERR_COUNT	BINARY	CPSM	4	LIKE	Error result count	45
ERR_OBJECT	CHAR	CPSM	8	LIKE	Feedback error object name	47
ERR_RESULT	BINARY	CPSM	4	LIKE	Error result token	44
EXPANSION	CHAR	CPSM	34	LIKE	Reserved for expansion	46
OBJECT	CHAR	CPSM	8	LIKE	Name of object	14
OBJECT_ACT	CHAR	CPSM	12	LIKE	Action performed	15
REASON	BINARY	CPSM	4	LIKE	Command reason	9
RESPONSE	BINARY	CPSM	4	LIKE	Command response	8
RSLTRECID	BINARY	CPSM	4	LIKE	Result set record ID	42
RSRVED01	BINARY	CPSM	2	LIKE	Reserved Area	41

FENODDEF Resource Table

A CICS Definition that describes a FEPI Node.

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

The following actions are supported:

INSTALL

Install a FEPI Node Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length

1152

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3829

Table 395. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO)	No
		MODE(value)	No
		NOTIFY(NO INACTIVE RELEASE IFULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET RELATED BOTH NONE)	No
		RELATED(value)	No
		STATECHK(YESINO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 396. FENODDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found

Table 396. FENODDEF FEEDBACK error codes (continued)

13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 397. FENODDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ACQSTATUS	CVDAS	CPSM	4	Yes	LIKE	No	Acquired status	ACQUIRED		15
ACQSTATUS Input/output valid values	ACQUIRED, RELEASED									
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			9
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15	5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	19
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			13
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
NODELIST	CHAR	CPSM	512	Yes	DIFF	No	Node list			18
PASSWORDS	CHAR	CPSM	512	Yes	DIFF	No	Password list			17

Table 397. FENODDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
SERVSTATUS	CVDAS	CPSM	4	Yes	LIKE	No	Node service status	INSERVICE		16
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE									
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1			10
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2			11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3			12

FEPICONN Resource Table

A CICS Resource that describes a FEPI connection in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

ACQUIRE

Acquire the FEPI connection.

INSERVICE

Place the FEPI connection in service.

OUTSERVICE

Place the FEPI connection out of service.

RELEASE

Release the FEPI connection.

These actions require no unique parameter data.

External resource name

Length

160

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier
EYUt0057

Table 398. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ACQUIRE	None	N/A
	INSERVICE	None	N/A
	OUTSERVICE	None	N/A
	RELEASE	None	N/A

Table 399. FEPICCONN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACQSTATUS	CVDAS	INQ	4	LIKE	Yes	Acquired status	11
ACQSTATUS Input/output valid values	ACQUIRED, RELEASED						
ACQSTATUS Output valid values	ACQUIRING, RELEASING						
ACQUIRES	BINARY	STAT	4	AVG	No	Number of acquires	4
CHARSRECD	BINARY	STAT	4	AVG	No	Number of characters received	8
CHARSENT	BINARY	STAT	4	AVG	No	Number of characters sent	7
CONVERSATNS	BINARY	STAT	4	AVG	No	Number of conversations	5
ERRORS	BINARY	STAT	4	AVG	No	Number of error conditions	10
INSTLSTATUS	CVDAS	INQ	4	LIKE	No	Connections install status	12
INSTLSTATUS Output valid values	INSTALLED, NOTINSTALLED						
LASTACQCODE	BINARY	INQ	4	AVG	No	Sense code from last REQSESS request	13
NODENAME-2	CHAR	INQ	8	DIFF	Yes	Node name	2
POOLNAME	CHAR	STAT	8	DIFF	No	Pool name	3
RCVTIMEOUT	BINARY	STAT	4	AVG	No	Number of receive timeouts	9
SERVSTATUS	CVDAS	INQ	4	LIKE	Yes	Connection service status	14
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE						
SERVSTATUS Output valid values	GOINGOUT						
STATE	CVDAS	INQ	4	LIKE	No	Conversation status	15
STATE Output valid values	NOCONV, PENDSTSN, STSN, PENDING, BEGINSESSION, APPLICATION, PENDDATA, PENDSTART, PENDFREE, FREE, PENDRELEASE, RELEASE, PENDUNSOL, UNSOLDATA, PENDPASS						
TARGETNAME-1	CHAR	INQ	8	DIFF	Yes	Target name	1
UNSOLICINP	BINARY	STAT	4	AVG	No	Number of unsolicited inputs	6
USERDATA	HEX	INQ	64	MIN	Yes	User data for connection	17
WAITCONVNUM	BINARY	INQ	4	AVG	No	Number of conversations waiting for connection	16

FEPINODE Resource Table

A CICS Resource that describes a FEPI node in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

ACQUIRE

Acquire the FEPI node.

DISCARD

Discard the FEPI node.

INSERVICE

Place the FEPI node in service.

OUTSERVICE

Place the FEPI node out of service.

RELEASE

Release the FEPI node.

External resource name

Length

112

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0061

Table 400. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ACQUIRE	None	N/A
	DISCARD	None	N/A
	INSERVICE	None	N/A
	OUTSERVICE	None	N/A
	RELEASE	None	N/A

Table 401. FEPINODE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACQNUM	BINARY	INQ	4	AVG	No	Number of node acquires	2
ACQSTATUS	CVDAS	INQ	4	LIKE	Yes	Acquired status	3
ACQSTATUS Input/output valid values	ACQUIRED, RELEASED						
ACQSTATUS Output valid values	ACQUIRING, RELEASING						
INSTLSTATUS	CVDAS	INQ	4	LIKE	No	Node install status	4
INSTLSTATUS Output valid values	INSTALLED, NOTINSTALLED						
LASTACQCODE	BINARY	INQ	4	AVG	No	Sense code from last REQSESS request	5
NODENAME-1	CHAR	INQ	8	DIFF	Yes	Node name	1
SERVSTATUS	CVDAS	INQ	4	LIKE	Yes	Node service status	6
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE						
SERVSTATUS Output valid values	GOINGOUT						
USERDATA	CHAR	INQ	64	DIFF	Yes	User data for node	7

FEPIPOOL Resource Table

A CICS Resource that describes a FEPI pool in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

ADD Add nodes and targets to a FEPI pool.

The parameter data for the ADD action is:

```
PARM('NODES(node,...) TARGETS(trgt,...)
      [cvda1] [cvda2]).')
```

where:

- *node* is required and must be one or more 1- to 8-character FEPI node names.
- *target* is required and must be one or more 1- to 8-character FEPI target names.
- *cvda1* is one of the following valid CVDA values for FEPI acquire status:
ACQUIRED
RELEASED
- *cvda2* is one of the following valid CVDA values for FEPI service status:
INSERVICE
OUTSERVICE

Note: The number of values for the NODES() and TARGETS() parameters must be the same.

DELETE

Delete nodes and targets from a FEPI pool.

The parameter data for the DELETE action is:

```
PARM('NODES(node,...) TARGETS(trgt,...)
      [POOL(pool)].')
```

where:

node = (Required) One or more 1- to 8-character FEPI node names.

trgt = (Required) One or more 1- to 8-character FEPI target names.

pool = 1- to 8-character FEPI pool name.

Note: The number of values for the NODES() and TARGETS() parameters must be the same.

DISCARD

Discard a FEPI pool.

INSERVICE

Place a FEPI pool in service.

OUTSERVICE

Place a FEPI pool out of service.

External resource name

Length

208

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0058

Table 402. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADD	ACQSTATUS(ACQUIREDRELEASED)	Yes
		NODES	Yes
		SERVSTATUS(INSERVICEOUTSERVICE)	Yes
		TARGETS	Yes
	DELETE	NODES	Yes

Table 402. Valid CPSM operations (continued)

	POOL(value)	No
	TARGETS	Yes
DISCARD	None	N/A
INSERVICE	None	N/A
INSTALL	ACQSTATUS(ACQUIRED RELEASED)	Yes
	NODES	Yes
	POOL(value)	No
	PROPERTY(value)	No
	SERVSTATUS(INSERVICE OUTSERVICE)	Yes
	TARGETS	Yes
OUTSERVICE	None	N/A

Table 403. FEPIPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
BEGINSESSION	CHAR	INQ	4	DIFF	No	Begin-session transaction	12
CONNECTIONS	BINARY	STAT	4	AVG	No	Number of connections	4
CONTENTION	CVDAS	INQ	4	LIKE	No	Begin-bracket contention resolution	13
CONTENTION Output valid values	LOSE, WIN						
CURALLCS	BINARY	STAT	4	AVG	No	Current number of allocates	6
CURALLCWAIT	BINARY	STAT	4	AVG	No	Current number of allocates waiting	8
DEVICE	CVDAS	INQ	4	LIKE	No	Device type	14
DEVICE Output valid values	T3278M2, T3278M3, T3278M4, T3278M5, T3279M2, T3279M3, T3279M4, T3279M5, TPS55M2, TPS55M3, TPS55M4, LUP						
ENDSESSION	CHAR	INQ	4	DIFF	No	End-session transaction	15
EXCEPTIONQ	CHAR	INQ	4	DIFF	No	TDQ queue holding exceptions	16
FJOURNALNAME	CHAR	INQ	8	DIFF	No	Journal name	30
FJOURNALNUM	BINARY	INQ	4	AVG	No	Journal number	17
FORMAT	CVDAS	INQ	4	LIKE	No	Data format option	18
FORMAT Output valid values	FORMATTED, DATASTREAM, NOTAPPLIC						
INITIALDATA	CVDAS	INQ	4	LIKE	No	Initial inbound data status	19
INITIALDATA Output valid values	INBOUND, NOTINBOUND						
INSTLSTATUS	CVDAS	INQ	4	LIKE	No	Pool install status	20
INSTLSTATUS Output valid values	INSTALLED, NOTINSTALLED						
MAXFLENGTH	BINARY	INQ	4	AVG	No	Maximum length of returned data	21
MSGJRNL	CVDAS	INQ	4	LIKE	No	Message journaling status	22
MSGJRNL Output valid values	NOMSGJRNL, INPUT, OUTPUT, INOUT						
NODES	BINARY	STAT	4	AVG	No	Number of nodes	3
PEAKALLCS	BINARY	STAT	4	AVG	No	Peak number of concurrent allocates	7
PEAKALLCWAIT	BINARY	STAT	4	AVG	No	Peak number of allocates waiting	9
PEAKCONNS	BINARY	STAT	4	AVG	No	Peak number of connections	5

Table 403. FEPIPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
POOLNAME-1	CHAR	INQ	8	DIFF	Yes	Pool name	1
PROPERTYSET	CHAR	INQ	8	DIFF	No	Property set name	23
SERVSTATUS	CVDAS	INQ	4	LIKE	Yes	Pool service status	24
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE						
SERVSTATUS Output valid values	GOINGOUT						
STSN	CHAR	INQ	4	DIFF	No	Set and test sequence-number (STSN) transaction	25
TARGETS	BINARY	STAT	4	AVG	No	Number of targets	2
TOTALLOCTOUT	BINARY	STAT	4	AVG	No	Total number of allocates that timed out	11
TOTALLOCWAIT	BINARY	STAT	4	AVG	No	Total number of allocates that waited	10
UNSOLDATA	CHAR	INQ	4	DIFF	No	Unsolicited data transaction	26
UNSOLDATAACK	CVDAS	INQ	4	LIKE	No	Unsolicited-data bid-acknowledgement	27
UNSOLDATAACK Output valid values	NEGATIVE, POSITIVE, NOTAPPLIC						
USERDATA	CHAR	INQ	64	DIFF	Yes	Pool user data	29
WAITCONVNUM	BINARY	INQ	4	AVG	No	Number of conversations waiting	28

FEPIPROP Resource Table

A CICS Resource that describes a FEPI property set in an active CICS system being managed by CICSPlex SM.

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

The following actions are supported:

DISCARD

Discard the FEPI property set.

External resource name

Length

88

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier
EYUt0062

Table 404. Valid CPSM operations

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

Table 405. FEPIPROP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
BEGINSESSION	CHAR	INQ	4	DIFF	No	Begin-session transaction	2
CONTENTION	CVDAS	INQ	4	LIKE	No	Contention resolution result	3
CONTENTION Input/output valid values	LOSE, WIN						
DEVICE	CVDAS	INQ	4	LIKE	No	Device type	4
DEVICE Input/output valid values	T3278M2, T3278M3, T3278M4, T3278M5, T3279M2, T3279M3, T3279M4, T3279M5, TPS55M2, TPS55M3, TPS55M4, LUP						
ENDSESSION	CHAR	INQ	4	DIFF	No	End-session transaction	5
EXCEPTIONQ	CHAR	INQ	4	DIFF	No	TDQ queue holding exceptions	6
FJOURNALNAME	CHAR	INQ	8	DIFF	No	Journal name	15
FJOURNALNUM	CNUMERIC	INQ	4	AVG	No	Journal number	7
FORMAT	CVDAS	INQ	4	LIKE	No	Data format	8
FORMAT Input/output valid values	FORMATTED, DATASTREAM, NOTAPPLIC						
INITIALDATA	CVDAS	INQ	4	LIKE	No	Initial-inbound-data option	9
INITIALDATA Input/output valid values	INBOUND, NOTINBOUND						
MAXFLENGTH	BINARY	INQ	4	AVG	No	Maximum length of returned data	10
MSGJRNL	CVDAS	INQ	4	LIKE	No	Journal status	11
MSGJRNL Input/output valid values	NOMSGJRNL, INPUT, OUTPUT, INOUT						
PROPERTYSET-1	CHAR	INQ	8	DIFF	Yes	Property set name	1
STSN	CHAR	INQ	4	DIFF	No	Set and test sequence numbers (STSN) transaction	12
UNSOLDATA	CHAR	INQ	4	DIFF	No	Unsolicited data transaction	13
UNSOLDATAACK	CVDAS	INQ	4	LIKE	No	Unsolicited data response	14
UNSOLDATAACK Input/output valid values	NEGATIVE, POSITIVE, NOTAPPLIC						

FEPITRGT Resource Table

A CICS Resource that describes a FEPI target in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

DISCARD

Discard a FEPI target.

INSERVICE

Place a FEPI target in service.

OUTSERVICE

Place a FEPI target out of service.

External resource name

Length

136

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0059

Table 406. Valid CPSM operations

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

Table 407. FEPITRGT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ALLOCATES	BINARY	STAT	4	AVG	No	Total number of allocates	5
APPLID	CHAR	STAT	8	DIFF	No	VTAM applid of back end system	3

Table 407. FEPI TRGT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CURALLCWAIT	BINARY	STAT	4	AVG	No	Current number of allocates waiting	7
INSTLSTATUS	CVDAS	INQ	4	LIKE	No	Install status	10
INSTLSTATUS Output valid values	INSTALLED, NOTINSTALLED						
NODES	BINARY	STAT	4	AVG	No	Number of nodes	4
PEAKALLCWAIT	BINARY	STAT	4	AVG	No	Peak number of allocates waiting	8
POOLNAME-2	CHAR	STAT	8	DIFF	Yes	Pool name	2
SERVSTATUS	CVDAS	INQ	4	LIKE	Yes	Service status	11
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE						
SERVSTATUS Output valid values	GOINGOUT						
TARGETNAME-1	CHAR	INQ	8	DIFF	Yes	Target name	1
TOTALLOCTOUT	BINARY	STAT	4	AVG	No	Total number of allocates that timed out	9
TOTALLOCWAIT	BINARY	STAT	4	AVG	No	Total number of allocates that waited	6
USERDATA	CHAR	INQ	64	DIFF	Yes	Target user data	12

FEPOODEF Resource Table

A CICS Definition that describes a FEPI Pool.

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

The following actions are supported:

INSTALL

Install a FEPI Pool Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length

1416

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3827

Table 408. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO)	No
		MODE(value)	No
		NOTIFY(NOINACTIVEIRELEASEIFFULL)	No
		OVERRIDE	No
		OVERTYPE(TARGETIRELATEDIBOTHINONE)	No
		RELATED(value)	No
		STATECHK(YESINO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 409. FEPOODEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator

Table 409. FEPOODEF FEEDBACK error codes (continued)

45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 410. FEPOODEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ACQSTATUS	CVDAS	CPSM	4	No	LIKE	No	Pool acquire status	ACQUIRED		17
ACQSTATUS Input/output valid values	ACQUIRED, RELEASED									
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			9
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15	5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	20
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			13
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
NODELIST	CHAR	CPSM	1024	No	DIFF	No	Node list			18
PROPERTYSET	CHAR	CPSM	8	Yes	DIFF	No	Property set name			15
SERVSTATUS	CVDAS	CPSM	4	No	LIKE	No	Pool service status	INSERVICE		16
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE									
TARGETLIST	CHAR	CPSM	256	No	DIFF	No	Target region list			19
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1			10
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2			11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3			12

FEPRODEF Resource Table

A CICS Definition that describes a FEPI Property Set.

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

The following actions are supported:

INSTALL

Install a FEPI Property Set Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name**Length**

184

Usage API or Batch Utility**API view**

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3830

Table 411. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO)	No
		MODE(value)	No
		NOTIFY(NO INACTIVE RELEASE FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET RELATED BOTH NONE)	No
		RELATED(value)	No
		STATECHK(YESINO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 412. FEPRODEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version

Table 412. FEPRODEF FEEDBACK error codes (continued)

11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICTS	Scope conflict

Table 413. FEPRODEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
BEGINSESSION	CHAR	CPSM	4	No	DIFF	No	Begin-session transaction			15
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CONTENTION	CVDAS	CPSM	4	No	LIKE	No	Contention resolution result	LOSE		16
CONTENTION Input/output valid values	LOSE, WIN									
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			9
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15	5

Table 413. FEPRODEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	29
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			13
DEVICE	CVDAS	CPSM	4	No	LIKE	No	Device type	T3278M2		17
DEVICE Input/output valid values	T3278M2, T3278M3, T3278M4, T3278M5, T3279M2, T3279M3, T3279M4, T3279M5, TPS55M2, TPS55M3, TPS55M4, LUP									
ENDESESSION	CHAR	CPSM	4	No	DIFF	No	End-session transaction			18
EXCEPTIONQ	CHAR	CPSM	4	No	DIFF	No	TDQ queue holding exceptions			19
FJOURNALNAME	CHAR	CPSM	8	No	DIFF	No	Journal name			28
FJOURNALNUM	CHAR	CPSM	4	No	DIFF	No	Journal number	0	0-99	20
FORMAT	CVDAS	CPSM	4	No	LIKE	No	Data format	FORMATTED		21
FORMAT Input/output valid values	FORMATTED, DATASTREAM, NOTAPPLIC									
INITIALDATA	CVDAS	CPSM	4	No	LIKE	No	Initial-inbound-data option	NOTINBOUND		22
INITIALDATA Input/output valid values	INBOUND, NOTINBOUND									
MAXLENGTH	CHAR	CPSM	8	No	DIFF	No	Maximum length of returned data	4096	128-1048576	23
MSGJRNL	CVDAS	CPSM	4	No	LIKE	No	Journal status	NOMSGJRNL		24
MSGJRNL Input/output valid values	NOMSGJRNL, INPUT, OUTPUT, INOUT									
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
STSN	CHAR	CPSM	4	No	DIFF	No	Set and test sequence numbers (STSN) transaction			25
UNSOLDATA	CHAR	CPSM	4	No	DIFF	No	Unsolicited data transaction			26
UNSOLDATAACK	CVDAS	CPSM	4	No	LIKE	No	Unsolicited data response	NEGATIVE		27
UNSOLDATAACK Input/output valid values	NEGATIVE, POSITIVE, NOTAPPLIC									
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1			10

Table 413. FEPRODEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2			11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3			12

FETRGDEF Resource Table

A CICS Definition that describes a FEPI Target.

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

The following actions are supported:

INSTALL

Install a FEPI Target Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length

1152

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3828

Table 414. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES/NO)	No
		MODE(value)	No
		NOTIFY(NO/INACTIVE/RELEASE/IFULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET/RELATED/BOTH/NONE)	No
		RELATED(value)	No

Table 414. Valid CPSM operations (continued)

	STATECHK(YES/NO)	No
	TARGET(value)	Yes
	USAGE(LOCAL)	Yes
ADDTGRP	RESGROUP(value)	Yes

Table 415. FETRGDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 416. FETRGDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
APPLLIST	CHAR	CPSM	512	No	DIFF	No	VTAM application IDs of back end systems			16
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			9
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15	5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			13
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
SERVSTATUS	CVDAS	CPSM	4	No	LIKE	No	Service status	INSERVICE		15
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE									
TARGETLIST	CHAR	CPSM	512	No	DIFF	No	Target list			17
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1			10
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2			11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3			12

FILEDEF Resource Table

A CICS Definition that describes the physical and operational characteristics of a file.

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

The following actions are supported:

INSTALL

Install a File Definition.

The parameter data for the INSTALL action is described in "Parameters for installing CICS Definitions" on page 9.

External resource name

Length

432

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3801

Table 417. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO)	No
		MODE(value)	No
		NOTIFY(NOINACTIVEIRELEASEIFFULL)	No
		OVERRIDE	No
		OVERTYPE(TARGETIRELATEDIBOTHINONE)	No
		RELATED(value)	No
		STATECHK(YESINO)	No
		TARGET(value)	Yes
		USAGE(LOCALIREMOTE)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 418. FILEDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope

Table 418. FILEDEF FEEDBACK error codes (continued)

35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid override type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 419. FILEDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ACCESSMETH	CVDAS	CPSM	4	Yes	LIKE	No	File access method	VSAM		E330P	40S
ACCESSMETH Input/output valid values	ESDS, KSDS, RRDS, KEYED, BDAM, VSAM, NOTAPPLIC										
ADD	EYUDA	CPSM	4	Yes	LIKE	No	Add option	NO			8
ADD Input/output valid values	YES, NO										
BACKUPTYPE	CVDAS	CPSM	4	Yes	LIKE	No	CICS VSAM file backup type	STATIC			13
BACKUPTYPE Input/output valid values	STATIC, DYNAMIC										
BASENAME	CHAR	CPSM	8	No	DIFF	No	Base data set name			E330P	40S
BROWSE	EYUDA	CPSM	4	Yes	LIKE	No	Browse option	NO			9
BROWSE Input/output valid values	YES, NO										
CATNAME	CHAR	CPSM	7	No	DIFF	No	VSAM catalog name			EALL	70
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1

Table 419. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CNTLINTRVAL	CHAR	CPSM	4	No	DIFF	No	Control interval size		512-4096	EALL	45
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				52
DATABUFFERS	CHAR	CPSM	8	No	DIFF	No	Number of data buffers	2	2-32767		14
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DELETE	EYUDA	CPSM	4	Yes	LIKE	No	Delete option	NO			10
DELETE Input/output valid values	YES, NO										
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		73
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				56
DISPOSITION	CVDAS	CPSM	4	Yes	LIKE	No	Disposition of file	SHARE			15
DISPOSITION Input/output valid values	SHARE, OLD										
DSNAME	CHAR	CPSM	60	Yes	DIFF	No	Data set name				51
DSNSHARING	EYUDA	CPSM	4	Yes	LIKE	No	VSAM data set name sharing	ALLREQS			16
DSNSHARING Input/output valid values	ALLREQS, MODIFYREQS										
EXTFILEMGR	CHAR	CPSM	4	No	DIFF	No	Use external file manager	N		EALL	63
EXTFILEMGR Input/output valid values	N, Y										
FILEACCESS	CHAR	CPSM	1	No	DIFF	No	Access method	R		EALL	60
FILEACCESS Input/output valid values	O, R, U										
FILEENABLED	CHAR	CPSM	1	No	DIFF	No	File enabled status	Y		EALL	58
FILEENABLED Input/output valid values	N, Y, U										
FILEOPEN	CHAR	CPSM	1	No	DIFF	No	File open status	Y		EALL	57

Table 419. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
FILEOPEN Input/output valid values	N, Y										
FILETYPE	CHAR	CPSM	1	No	DIFF	No	Data set type	K		EALL	59
FILETYPE Input/output valid values	A, E, K, R										
FSEGDEFNAME	CHAR	CPSM	8	No	DIFF	No	File segment definition name			EALL	64
FSEGDEFVER	CHAR	CPSM	2	No	DIFF	No	File segment definition version		1-15	EALL	65
FWDRECOVLOG	CHAR	CPSM	4	No	DIFF	No	Journal number used for forward recovery	NO	1-99		17
FWDRECOVLOG Input/output valid values	NO										
INDEXBUFFERS	CHAR	CPSM	8	No	DIFF	No	Number of index buffers	1	1-32767		18
JNLADD	EYUDA	CPSM	4	Yes	LIKE	No	Add operations recorded on journal	NONE			19
JNLADD Input/output valid values	NONE, AFTER, ALL, BEFORE										
JNLREAD	EYUDA	CPSM	4	Yes	LIKE	No	Read operations recorded on journal	NONE			20
JNLREAD Input/output valid values	NONE, ALL, READONLY, UPDATEONLY										
JNLSYNCREAD	EYUDA	CPSM	4	Yes	LIKE	No	Synchronous auto journaling for input	NO			21
JNLSYNCREAD Input/output valid values	YES, NO										
JNLSYNCWRITE	EYUDA	CPSM	4	Yes	LIKE	No	Synchronous auto journaling for output	YES			22

Table 419. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
JNLSYNCWRITE Input/output valid values	YES, NO										
JNLUPDATE	EYUDA	CPSM	4	Yes	LIKE	No	Rewrite/delete operations recorded on journal	NO			23
JNLUPDATE Input/output valid values	YES, NO										
JOURNAL	CHAR	CPSM	4	No	DIFF	No	Journal number	NO	1-99		25
JOURNAL Input/output valid values	NO										
KEYLENGTH	CHAR	CPSM	4	No	DIFF	No	Key length		1-255		26
KEYNUMBER	CHAR	CPSM	2	No	DIFF	No	Key number		1-99	EALL	62
LOADTYPE	EYUDA	CPSM	4	No	LIKE	No	Load type	NO			69
LOADTYPE Input/output valid values	YES, NO										
LOG	EYUDA	CPSM	4	Yes	LIKE	No	Automatic logging	NO		E330P	50S
LOG Input/output valid values	YES, NO										
LSRPOOLID	CHAR	CPSM	4	No	DIFF	No	Local shared resources pool ID	1	1-8		27
LSRPOOLID Input/output valid values	NONE										
MAXNUMRECS	CHAR	CPSM	8	No	DIFF	No	Maximum number of records in data table	NOLIMIT	1-99999999		28
MAXNUMRECS Input/output valid values	NOLIMIT										
MAXRECORDLEN	CHAR	CPSM	6	No	DIFF	No	Maximum record length		1-32767	EALL	61
MINRECORDLEN	CHAR	CPSM	4	No	DIFF	No	Minimum record length		1-4090	EALL	44
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7

Table 419. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
NSRGROUP	CHAR	CPSM	8	No	DIFF	No	Non-shared resources (NSR) group name				29
OPENTIME	EYUDA	CPSM	4	Yes	LIKE	No	File open time	FIRSTREF		EALL	30
OPENTIME Input/output valid values	FIRSTREF, STARTUP										
PASSWORD	HIDCHAR	CPSM	8	No	DIFF	No	User access password				31
POOLNAME	CHAR	CPSM	8	No	DIFF	No	Coupling facility data table (CFDT) pool name				66
READ	EYUDA	CPSM	4	Yes	LIKE	No	Read option	YES			11
READ Input/output valid values	YES, NO										
READINTEG	CVDAS	CPSM	4	Yes	LIKE	No	Default level of read integrity	UNCOMMITTED			32
READINTEG Input/output valid values	UNCOMMITTED, CONSISTENT, REPEATABLE										
RECORDFORMAT	CVDAS	CPSM	4	Yes	LIKE	No	Record format	VARIABLE			33
RECORDFORMAT Input/output valid values	VARIABLE, FIXED										
RECORDSIZE	CHAR	CPSM	8	No	DIFF	No	Record size		1-32767		34
RECOVERY	EYUDA	CPSM	4	Yes	LIKE	No	Type of recovery	NONE			35
RECOVERY Input/output valid values	NONE, ALL, BACKOUTONLY										
REMOTENAME	CHAR	CPSM	8	No	DIFF	No	Remote file name				36
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	No	Remote system name				37

Table 419. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
RLSACCESS	EYUDA	CPSM	4	Yes	LIKE	No	Record level sharing (RLS) file access mode	NO			38
RLSACCESS Input/output valid values	YES, NO										
RSL	CHAR	CPSM	8	No	DIFF	No	Resource security value	0	0-24	E330P	40S
RSL Input/output valid values	PUBLIC										
SHR4ACCESS	EYUDA	CPSM	4	No	LIKE	No	VSAM share access	KEY		EALL	72
SHR4ACCESS Input/output valid values	KEY, RBA										
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Initial status	ENABLED			39
STATUS Input/output valid values	ENABLED, DISABLED, UNENABLED										
STRINGS	CHAR	CPSM	4	No	DIFF	No	Maximum concurrent requests against file	1	1-255		40
TABLE	EYUDA	CPSM	4	Yes	LIKE	No	Data table type	NO			41
TABLE Input/output valid values	NO, CICS, USER, CF										
TABlename	CHAR	CPSM	8	No	DIFF	No	Table name				67
UPDATE	EYUDA	CPSM	4	Yes	LIKE	No	Update option	NO			12
UPDATE Input/output valid values	YES, NO										
UPDATEMODEL	CVDAS	CPSM	4	No	LIKE	No	Update model	LOCKING			68
UPDATEMODEL Input/output valid values	LOCKING, CONTENTION										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				53
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				54

Table 419. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				55

FILINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6146

Table 420. Valid CPSM operations

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

Table 421. FILINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set

Table 421. *FILINGRP FEEDBACK error codes (continued)*

22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 422. *FILINGRP resource table attributes*

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
FILEGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
FILENAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	File definition name	6
FILEVER-3	BINARY	CPSM	1	Yes	AVG	Yes	File definition version	7

FNOINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6174

Table 423. *Valid CPSM operations*

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

Table 424. *FNOINGRP FEEDBACK error codes*

Value	Code	Description	Value	Code	Description
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Table 424. FNOINGRP FEEDBACK error codes (continued)

1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 425. FNOINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
FNOGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
FNONAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	FEPI node definition name	6
FNOVER-3	BINARY	CPSM	1	Yes	AVG	Yes	FEPI node definition version	7

FPOINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6172

Table 426. Valid CPSM operations

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

Table 427. FPOINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 428. FPOINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
FPOGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
FPONAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	FEPI pool definition name	6
FPOVER-3	BINARY	CPSM	1	Yes	AVG	Yes	FEPI pool definition version	7

FPRINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6175

Table 429. Valid CPSM operations

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

Table 430. FPRINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 431. FPRINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
FPRGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
FPRNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	FEPI property set definition name	6
FPRVER-3	BINARY	CPSM	1	Yes	AVG	Yes	FEPI property set definition version	7

FSEGDEF Resource Table

A CICS Definition that describes the key segments associated with a CICS for OS/2 file.

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

External resource name**Length**

552

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3820

Table 432. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value) RESGROUP(value)	No No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDTGRP	RESGROUP(value)	Yes

Table 433. FSEGDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name

Table 434. FSEGDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ALTKEY01	CHAR	CPSM	1	No	DIFF	No	Key segment 01 uses EBCDIC sort sequence			EALL	15
ALTKEY01 Input/output valid values	N, Y										

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ALTKEY02	CHAR	CPSM	1	No	DIFF	No	Key segment 02 uses EBCDIC sort sequence			EALL	25
ALTKEY02 Input/output valid values	N, Y										
ALTKEY03	CHAR	CPSM	1	No	DIFF	No	Key segment 03 uses EBCDIC sort sequence			EALL	35
ALTKEY03 Input/output valid values	N, Y										
ALTKEY04	CHAR	CPSM	1	No	DIFF	No	Key segment 04 uses EBCDIC sort sequence			EALL	45
ALTKEY04 Input/output valid values	N, Y										
ALTKEY05	CHAR	CPSM	1	No	DIFF	No	Key segment 05 uses EBCDIC sort sequence			EALL	55
ALTKEY05 Input/output valid values	N, Y										
ALTKEY06	CHAR	CPSM	1	No	DIFF	No	Key segment 06 uses EBCDIC sort sequence			EALL	65
ALTKEY06 Input/output valid values	N, Y										
ALTKEY07	CHAR	CPSM	1	No	DIFF	No	Key segment 07 uses EBCDIC sort sequence			EALL	75
ALTKEY07 Input/output valid values	N, Y										

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ALTKEY08	CHAR	CPSM	1	No	DIFF	No	Key segment 08 uses EBCDIC sort sequence			EALL	85
ALTKEY08 Input/output valid values	N, Y										
ALTKEY09	CHAR	CPSM	1	No	DIFF	No	Key segment 09 uses EBCDIC sort sequence			EALL	95
ALTKEY09 Input/output valid values	N, Y										
ALTKEY10	CHAR	CPSM	1	No	DIFF	No	Key segment 10 uses EBCDIC sort sequence			EALL	105
ALTKEY10 Input/output valid values	N, Y										
ALTKEY11	CHAR	CPSM	1	No	DIFF	No	Key segment 11 uses EBCDIC sort sequence			EALL	115
ALTKEY11 Input/output valid values	N, Y										
ALTKEY12	CHAR	CPSM	1	No	DIFF	No	Key segment 12 uses EBCDIC sort sequence			EALL	125
ALTKEY12 Input/output valid values	N, Y										
ALTKEY13	CHAR	CPSM	1	No	DIFF	No	Key segment 13 uses EBCDIC sort sequence			EALL	135
ALTKEY13 Input/output valid values	N, Y										

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ALTKEY14	CHAR	CPSM	1	No	DIFF	No	Key segment 14 uses EBCDIC sort sequence			EALL	145
ALTKEY14 Input/output valid values	N, Y										
ALTKEY15	CHAR	CPSM	1	No	DIFF	No	Key segment 15 uses EBCDIC sort sequence			EALL	155
ALTKEY15 Input/output valid values	N, Y										
ALTKEY16	CHAR	CPSM	1	No	DIFF	No	Key segment 16 uses EBCDIC sort sequence			EALL	165
ALTKEY16 Input/output valid values	N, Y										
ALTKEY17	CHAR	CPSM	1	No	DIFF	No	Key segment 17 uses EBCDIC sort sequence			EALL	175
ALTKEY17 Input/output valid values	N, Y										
ALTKEY18	CHAR	CPSM	1	No	DIFF	No	Key segment 18 uses EBCDIC sort sequence			EALL	185
ALTKEY18 Input/output valid values	N, Y										
ALTKEY19	CHAR	CPSM	1	No	DIFF	No	Key segment 19 uses EBCDIC sort sequence			EALL	195
ALTKEY19 Input/output valid values	N, Y										

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ALTKEY20	CHAR	CPSM	1	No	DIFF	No	Key segment 20 uses EBCDIC sort sequence			EALL	205
ALTKEY20 Input/output valid values	N, Y										
ALTKEY21	CHAR	CPSM	1	No	DIFF	No	Key segment 21 uses EBCDIC sort sequence			EALL	215
ALTKEY21 Input/output valid values	N, Y										
ALTKEY22	CHAR	CPSM	1	No	DIFF	No	Key segment 22 uses EBCDIC sort sequence			EALL	225
ALTKEY22 Input/output valid values	N, Y										
ALTKEY23	CHAR	CPSM	1	No	DIFF	No	Key segment 23 uses EBCDIC sort sequence			EALL	235
ALTKEY23 Input/output valid values	N, Y										
ALTKEY24	CHAR	CPSM	1	No	DIFF	No	Key segment 24 uses EBCDIC sort sequence			EALL	245
ALTKEY24 Input/output valid values	N, Y										
BINKEY01	CHAR	CPSM	1	No	DIFF	No	Key segment 01 is binary			EALL	12
BINKEY01 Input/output valid values	N, Y										
BINKEY02	CHAR	CPSM	1	No	DIFF	No	Key segment 02 is binary			EALL	22

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
BINKEY02 Input/output valid values	N, Y										
BINKEY03	CHAR	CPSM	1	No	DIFF	No	Key segment 03 is binary			EALL	32
BINKEY03 Input/output valid values	N, Y										
BINKEY04	CHAR	CPSM	1	No	DIFF	No	Key segment 04 is binary			EALL	42
BINKEY04 Input/output valid values	N, Y										
BINKEY05	CHAR	CPSM	1	No	DIFF	No	Key segment 05 is binary			EALL	52
BINKEY05 Input/output valid values	N, Y										
BINKEY06	CHAR	CPSM	1	No	DIFF	No	Key segment 06 is binary			EALL	62
BINKEY06 Input/output valid values	N, Y										
BINKEY07	CHAR	CPSM	1	No	DIFF	No	Key segment 07 is binary			EALL	72
BINKEY07 Input/output valid values	N, Y										
BINKEY08	CHAR	CPSM	1	No	DIFF	No	Key segment 08 is binary			EALL	82
BINKEY08 Input/output valid values	N, Y										
BINKEY09	CHAR	CPSM	1	No	DIFF	No	Key segment 09 is binary			EALL	92
BINKEY09 Input/output valid values	N, Y										
BINKEY10	CHAR	CPSM	1	No	DIFF	No	Key segment 10 is binary			EALL	102

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
BINKEY10 Input/output valid values	N, Y										
BINKEY11	CHAR	CPSM	1	No	DIFF	No	Key segment 11 is binary			EALL	112
BINKEY11 Input/output valid values	N, Y										
BINKEY12	CHAR	CPSM	1	No	DIFF	No	Key segment 12 is binary			EALL	122
BINKEY12 Input/output valid values	N, Y										
BINKEY13	CHAR	CPSM	1	No	DIFF	No	Key segment 13 is binary			EALL	132
BINKEY13 Input/output valid values	N, Y										
BINKEY14	CHAR	CPSM	1	No	DIFF	No	Key segment 14 is binary			EALL	142
BINKEY14 Input/output valid values	N, Y										
BINKEY15	CHAR	CPSM	1	No	DIFF	No	Key segment 15 is binary			EALL	152
BINKEY15 Input/output valid values	N, Y										
BINKEY16	CHAR	CPSM	1	No	DIFF	No	Key segment 16 is binary			EALL	162
BINKEY16 Input/output valid values	N, Y										
BINKEY17	CHAR	CPSM	1	No	DIFF	No	Key segment 17 is binary			EALL	172
BINKEY17 Input/output valid values	N, Y										
BINKEY18	CHAR	CPSM	1	No	DIFF	No	Key segment 18 is binary			EALL	182

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
BINKEY18 Input/output valid values	N, Y										
BINKEY19	CHAR	CPSM	1	No	DIFF	No	Key segment 19 is binary			EALL	192
BINKEY19 Input/output valid values	N, Y										
BINKEY20	CHAR	CPSM	1	No	DIFF	No	Key segment 20 is binary			EALL	202
BINKEY20 Input/output valid values	N, Y										
BINKEY21	CHAR	CPSM	1	No	DIFF	No	Key segment 21 is binary			EALL	212
BINKEY21 Input/output valid values	N, Y										
BINKEY22	CHAR	CPSM	1	No	DIFF	No	Key segment 22 is binary			EALL	222
BINKEY22 Input/output valid values	N, Y										
BINKEY23	CHAR	CPSM	1	No	DIFF	No	Key segment 23 is binary			EALL	232
BINKEY23 Input/output valid values	N, Y										
BINKEY24	CHAR	CPSM	1	No	DIFF	No	Key segment 24 is binary			EALL	242
BINKEY24 Input/output valid values	N, Y										
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Definition create time				248
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Definition version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	0-99999999		253

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Definition description				252
DUPKEY01	CHAR	CPSM	1	No	DIFF	No	Key segment 01 allows duplicate keys			EALL	10
DUPKEY01 Input/output valid values	N, Y										
DUPKEY02	CHAR	CPSM	1	No	DIFF	No	Key segment 02 allows duplicate keys			EALL	20
DUPKEY02 Input/output valid values	N, Y										
DUPKEY03	CHAR	CPSM	1	No	DIFF	No	Key segment 03 allows duplicate keys			EALL	30
DUPKEY03 Input/output valid values	N, Y										
DUPKEY04	CHAR	CPSM	1	No	DIFF	No	Key segment 04 allows duplicate keys			EALL	40
DUPKEY04 Input/output valid values	N, Y										
DUPKEY05	CHAR	CPSM	1	No	DIFF	No	Key segment 05 allows duplicate keys			EALL	50
DUPKEY05 Input/output valid values	N, Y										
DUPKEY06	CHAR	CPSM	1	No	DIFF	No	Key segment 06 allows duplicate keys			EALL	60
DUPKEY06 Input/output valid values	N, Y										

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
DUPKEY07	CHAR	CPSM	1	No	DIFF	No	Key segment 07 allows duplicate keys			EALL	70
DUPKEY07 Input/output valid values	N, Y										
DUPKEY08	CHAR	CPSM	1	No	DIFF	No	Key segment 08 allows duplicate keys			EALL	80
DUPKEY08 Input/output valid values	N, Y										
DUPKEY09	CHAR	CPSM	1	No	DIFF	No	Key segment 09 allows duplicate keys			EALL	90
DUPKEY09 Input/output valid values	N, Y										
DUPKEY10	CHAR	CPSM	1	No	DIFF	No	Key segment 10 allows duplicate keys			EALL	100
DUPKEY10 Input/output valid values	N, Y										
DUPKEY11	CHAR	CPSM	1	No	DIFF	No	Key segment 11 allows duplicate keys			EALL	110
DUPKEY11 Input/output valid values	N, Y										
DUPKEY12	CHAR	CPSM	1	No	DIFF	No	Key segment 12 allows duplicate keys			EALL	120
DUPKEY12 Input/output valid values	N, Y										

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
DUPKEY13	CHAR	CPSM	1	No	DIFF	No	Key segment 13 allows duplicate keys			EALL	130
DUPKEY13 Input/output valid values	N, Y										
DUPKEY14	CHAR	CPSM	1	No	DIFF	No	Key segment 14 allows duplicate keys			EALL	140
DUPKEY14 Input/output valid values	N, Y										
DUPKEY15	CHAR	CPSM	1	No	DIFF	No	Key segment 15 allows duplicate keys			EALL	150
DUPKEY15 Input/output valid values	N, Y										
DUPKEY16	CHAR	CPSM	1	No	DIFF	No	Key segment 16 allows duplicate keys			EALL	160
DUPKEY16 Input/output valid values	N, Y										
DUPKEY17	CHAR	CPSM	1	No	DIFF	No	Key segment 17 allows duplicate keys			EALL	170
DUPKEY17 Input/output valid values	N, Y										
DUPKEY18	CHAR	CPSM	1	No	DIFF	No	Key segment 18 allows duplicate keys			EALL	180
DUPKEY18 Input/output valid values	N, Y										

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
DUPKEY19	CHAR	CPSM	1	No	DIFF	No	Key segment 19 allows duplicate keys			EALL	190
DUPKEY19 Input/output valid values	N, Y										
DUPKEY20	CHAR	CPSM	1	No	DIFF	No	Key segment 20 allows duplicate keys			EALL	200
DUPKEY20 Input/output valid values	N, Y										
DUPKEY21	CHAR	CPSM	1	No	DIFF	No	Key segment 21 allows duplicate keys			EALL	210
DUPKEY21 Input/output valid values	N, Y										
DUPKEY22	CHAR	CPSM	1	No	DIFF	No	Key segment 22 allows duplicate keys			EALL	220
DUPKEY22 Input/output valid values	N, Y										
DUPKEY23	CHAR	CPSM	1	No	DIFF	No	Key segment 23 allows duplicate keys			EALL	230
DUPKEY23 Input/output valid values	N, Y										
DUPKEY24	CHAR	CPSM	1	No	DIFF	No	Key segment 24 allows duplicate keys			EALL	240
DUPKEY24 Input/output valid values	N, Y										
LENKEY01	CHAR	CPSM	4	No	DIFF	No	Key segment 01 length		0-999	EALL	9

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
LENKEY02	CHAR	CPSM	4	No	DIFF	No	Key segment 02 length		0-999	EALL	19
LENKEY03	CHAR	CPSM	4	No	DIFF	No	Key segment 03 length		0-999	EALL	29
LENKEY04	CHAR	CPSM	4	No	DIFF	No	Key segment 04 length		0-999	EALL	39
LENKEY05	CHAR	CPSM	4	No	DIFF	No	Key segment 05 length		0-999	EALL	49
LENKEY06	CHAR	CPSM	4	No	DIFF	No	Key segment 06 length		0-999	EALL	59
LENKEY07	CHAR	CPSM	4	No	DIFF	No	Key segment 07 length		0-999	EALL	69
LENKEY08	CHAR	CPSM	4	No	DIFF	No	Key segment 08 length		0-999	EALL	79
LENKEY09	CHAR	CPSM	4	No	DIFF	No	Key segment 09 length		0-999	EALL	89
LENKEY10	CHAR	CPSM	4	No	DIFF	No	Key segment 10 length		0-999	EALL	99
LENKEY11	CHAR	CPSM	4	No	DIFF	No	Key segment 11 length		0-999	EALL	109
LENKEY12	CHAR	CPSM	4	No	DIFF	No	Key segment 12 length		0-999	EALL	119
LENKEY13	CHAR	CPSM	4	No	DIFF	No	Key segment 13 length		0-999	EALL	129
LENKEY14	CHAR	CPSM	4	No	DIFF	No	Key segment 14 length		0-999	EALL	139
LENKEY15	CHAR	CPSM	4	No	DIFF	No	Key segment 15 length		0-999	EALL	149

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
LENKEY16	CHAR	CPSM	4	No	DIFF	No	Key segment 16 length		0-999	EALL	159
LENKEY17	CHAR	CPSM	4	No	DIFF	No	Key segment 17 length		0-999	EALL	169
LENKEY18	CHAR	CPSM	4	No	DIFF	No	Key segment 18 length		0-999	EALL	179
LENKEY19	CHAR	CPSM	4	No	DIFF	No	Key segment 19 length		0-999	EALL	189
LENKEY20	CHAR	CPSM	4	No	DIFF	No	Key segment 20 length		0-999	EALL	199
LENKEY21	CHAR	CPSM	4	No	DIFF	No	Key segment 21 length		0-999	EALL	209
LENKEY22	CHAR	CPSM	4	No	DIFF	No	Key segment 22 length		0-999	EALL	219
LENKEY23	CHAR	CPSM	4	No	DIFF	No	Key segment 23 length		0-999	EALL	229
LENKEY24	CHAR	CPSM	4	No	DIFF	No	Key segment 24 length		0-999	EALL	239
MODKEY01	CHAR	CPSM	1	No	DIFF	No	Key segment 01 modifiable			EALL	11
MODKEY01 Input/output valid values	N, Y										
MODKEY02	CHAR	CPSM	1	No	DIFF	No	Key segment 02 modifiable			EALL	21
MODKEY02 Input/output valid values	N, Y										
MODKEY03	CHAR	CPSM	1	No	DIFF	No	Key segment 03 modifiable			EALL	31
MODKEY03 Input/output valid values	N, Y										

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
MODKEY04	CHAR	CPSM	1	No	DIFF	No	Key segment 04 modifiable			EALL	41
MODKEY04 Input/output valid values	N, Y										
MODKEY05	CHAR	CPSM	1	No	DIFF	No	Key segment 05 modifiable			EALL	51
MODKEY05 Input/output valid values	N, Y										
MODKEY06	CHAR	CPSM	1	No	DIFF	No	Key segment 06 modifiable			EALL	61
MODKEY06 Input/output valid values	N, Y										
MODKEY07	CHAR	CPSM	1	No	DIFF	No	Key segment 07 modifiable			EALL	71
MODKEY07 Input/output valid values	N, Y										
MODKEY08	CHAR	CPSM	1	No	DIFF	No	Key segment 08 modifiable			EALL	81
MODKEY08 Input/output valid values	N, Y										
MODKEY09	CHAR	CPSM	1	No	DIFF	No	Key segment 09 modifiable			EALL	91
MODKEY09 Input/output valid values	N, Y										
MODKEY10	CHAR	CPSM	1	No	DIFF	No	Key segment 10 modifiable			EALL	101
MODKEY10 Input/output valid values	N, Y										
MODKEY11	CHAR	CPSM	1	No	DIFF	No	Key segment 11 modifiable			EALL	111
MODKEY11 Input/output valid values	N, Y										

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
MODKEY12	CHAR	CPSM	1	No	DIFF	No	Key segment 12 modifiable			EALL	121
MODKEY12 Input/output valid values	N, Y										
MODKEY13	CHAR	CPSM	1	No	DIFF	No	Key segment 13 modifiable			EALL	131
MODKEY13 Input/output valid values	N, Y										
MODKEY14	CHAR	CPSM	1	No	DIFF	No	Key segment 14 modifiable			EALL	141
MODKEY14 Input/output valid values	N, Y										
MODKEY15	CHAR	CPSM	1	No	DIFF	No	Key segment 15 modifiable			EALL	151
MODKEY15 Input/output valid values	N, Y										
MODKEY16	CHAR	CPSM	1	No	DIFF	No	Key segment 16 modifiable			EALL	161
MODKEY16 Input/output valid values	N, Y										
MODKEY17	CHAR	CPSM	1	No	DIFF	No	Key segment 17 modifiable			EALL	171
MODKEY17 Input/output valid values	N, Y										
MODKEY18	CHAR	CPSM	1	No	DIFF	No	Key segment 18 modifiable			EALL	181
MODKEY18 Input/output valid values	N, Y										
MODKEY19	CHAR	CPSM	1	No	DIFF	No	Key segment 19 modifiable			EALL	191
MODKEY19 Input/output valid values	N, Y										

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
MODKEY20	CHAR	CPSM	1	No	DIFF	No	Key segment 20 modifiable			EALL	201
MODKEY20 Input/output valid values	N, Y										
MODKEY21	CHAR	CPSM	1	No	DIFF	No	Key segment 21 modifiable			EALL	211
MODKEY21 Input/output valid values	N, Y										
MODKEY22	CHAR	CPSM	1	No	DIFF	No	Key segment 22 modifiable			EALL	221
MODKEY22 Input/output valid values	N, Y										
MODKEY23	CHAR	CPSM	1	No	DIFF	No	Key segment 23 modifiable			EALL	231
MODKEY23 Input/output valid values	N, Y										
MODKEY24	CHAR	CPSM	1	No	DIFF	No	Key segment 24 modifiable			EALL	241
MODKEY24 Input/output valid values	N, Y										
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	File key segment definition name				7
NULKEY01	CHAR	CPSM	1	No	DIFF	No	Key segment 01 allows null characters			EALL	13
NULKEY01 Input/output valid values	N, Y										
NULKEY02	CHAR	CPSM	1	No	DIFF	No	Key segment 02 allows null characters			EALL	23
NULKEY02 Input/output valid values	N, Y										

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
NULKEY03	CHAR	CPSM	1	No	DIFF	No	Key segment 03 allows null characters			EALL	33
NULKEY03 Input/output valid values	N, Y										
NULKEY04	CHAR	CPSM	1	No	DIFF	No	Key segment 04 allows null characters			EALL	43
NULKEY04 Input/output valid values	N, Y										
NULKEY05	CHAR	CPSM	1	No	DIFF	No	Key segment 05 allows null characters			EALL	53
NULKEY05 Input/output valid values	N, Y										
NULKEY06	CHAR	CPSM	1	No	DIFF	No	Key segment 06 allows null characters			EALL	63
NULKEY06 Input/output valid values	N, Y										
NULKEY07	CHAR	CPSM	1	No	DIFF	No	Key segment 07 allows null characters			EALL	73
NULKEY07 Input/output valid values	N, Y										
NULKEY08	CHAR	CPSM	1	No	DIFF	No	Key segment 08 allows null characters			EALL	83
NULKEY08 Input/output valid values	N, Y										

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
NULKEY09	CHAR	CPSM	1	No	DIFF	No	Key segment 09 allows null characters			EALL	93
NULKEY09 Input/output valid values	N, Y										
NULKEY10	CHAR	CPSM	1	No	DIFF	No	Key segment 10 allows null characters			EALL	103
NULKEY10 Input/output valid values	N, Y										
NULKEY11	CHAR	CPSM	1	No	DIFF	No	Key segment 11 allows null characters			EALL	113
NULKEY11 Input/output valid values	N, Y										
NULKEY12	CHAR	CPSM	1	No	DIFF	No	Key segment 12 allows null characters			EALL	123
NULKEY12 Input/output valid values	N, Y										
NULKEY13	CHAR	CPSM	1	No	DIFF	No	Key segment 13 allows null characters			EALL	133
NULKEY13 Input/output valid values	N, Y										
NULKEY14	CHAR	CPSM	1	No	DIFF	No	Key segment 14 allows null characters			EALL	143
NULKEY14 Input/output valid values	N, Y										

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
NULKEY15	CHAR	CPSM	1	No	DIFF	No	Key segment 15 allows null characters			EALL	153
NULKEY15 Input/output valid values	N, Y										
NULKEY16	CHAR	CPSM	1	No	DIFF	No	Key segment 16 allows null characters			EALL	163
NULKEY16 Input/output valid values	N, Y										
NULKEY17	CHAR	CPSM	1	No	DIFF	No	Key segment 17 allows null characters			EALL	173
NULKEY17 Input/output valid values	N, Y										
NULKEY18	CHAR	CPSM	1	No	DIFF	No	Key segment 18 allows null characters			EALL	183
NULKEY18 Input/output valid values	N, Y										
NULKEY19	CHAR	CPSM	1	No	DIFF	No	Key segment 19 allows null characters			EALL	193
NULKEY19 Input/output valid values	N, Y										
NULKEY20	CHAR	CPSM	1	No	DIFF	No	Key segment 20 allows null characters			EALL	203
NULKEY20 Input/output valid values	N, Y										

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
NULKEY21	CHAR	CPSM	1	No	DIFF	No	Key segment 21 allows null characters			EALL	213
NULKEY21 Input/output valid values	N, Y										
NULKEY22	CHAR	CPSM	1	No	DIFF	No	Key segment 22 allows null characters			EALL	223
NULKEY22 Input/output valid values	N, Y										
NULKEY23	CHAR	CPSM	1	No	DIFF	No	Key segment 23 allows null characters			EALL	233
NULKEY23 Input/output valid values	N, Y										
NULKEY24	CHAR	CPSM	1	No	DIFF	No	Key segment 24 allows null characters			EALL	243
NULKEY24 Input/output valid values	N, Y										
NUMNLK01	CHAR	CPSM	4	No	DIFF	No	Key segment 01 null key number		0-255	EALL	16
NUMNLK02	CHAR	CPSM	4	No	DIFF	No	Key segment 02 null key number		0-255	EALL	26
NUMNLK03	CHAR	CPSM	4	No	DIFF	No	Key segment 03 null key number		0-255	EALL	36
NUMNLK04	CHAR	CPSM	4	No	DIFF	No	Key segment 04 null key number		0-255	EALL	46

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
NUMNLK05	CHAR	CPSM	4	No	DIFF	No	Key segment 05 null key number		0-255	EALL	56
NUMNLK06	CHAR	CPSM	4	No	DIFF	No	Key segment 06 null key number		0-255	EALL	66
NUMNLK07	CHAR	CPSM	4	No	DIFF	No	Key segment 07 null key number		0-255	EALL	76
NUMNLK08	CHAR	CPSM	4	No	DIFF	No	Key segment 08 null key number		0-255	EALL	86
NUMNLK09	CHAR	CPSM	4	No	DIFF	No	Key segment 09 null key number		0-255	EALL	96
NUMNLK10	CHAR	CPSM	4	No	DIFF	No	Key segment 10 null key number		0-255	EALL	106
NUMNLK11	CHAR	CPSM	4	No	DIFF	No	Key segment 11 null key number		0-255	EALL	116
NUMNLK12	CHAR	CPSM	4	No	DIFF	No	Key segment 12 null key number		0-255	EALL	126
NUMNLK13	CHAR	CPSM	4	No	DIFF	No	Key segment 13 null key number		0-255	EALL	136
NUMNLK14	CHAR	CPSM	4	No	DIFF	No	Key segment 14 null key number		0-255	EALL	146
NUMNLK15	CHAR	CPSM	4	No	DIFF	No	Key segment 15 null key number		0-255	EALL	156

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
NUMNLK16	CHAR	CPSM	4	No	DIFF	No	Key segment 16 null key number		0-255	EALL	166
NUMNLK17	CHAR	CPSM	4	No	DIFF	No	Key segment 17 null key number		0-255	EALL	176
NUMNLK18	CHAR	CPSM	4	No	DIFF	No	Key segment 18 null key number		0-255	EALL	186
NUMNLK19	CHAR	CPSM	4	No	DIFF	No	Key segment 19 null key number		0-255	EALL	196
NUMNLK20	CHAR	CPSM	4	No	DIFF	No	Key segment 20 null key number		0-255	EALL	206
NUMNLK21	CHAR	CPSM	4	No	DIFF	No	Key segment 21 null key number		0-255	EALL	216
NUMNLK22	CHAR	CPSM	4	No	DIFF	No	Key segment 22 null key number		0-255	EALL	226
NUMNLK23	CHAR	CPSM	4	No	DIFF	No	Key segment 23 null key number		0-255	EALL	236
NUMNLK24	CHAR	CPSM	4	No	DIFF	No	Key segment 24 null key number		0-255	EALL	246
POSKEY01	CHAR	CPSM	4	No	DIFF	No	Key segment 01 position		0-4090	EALL	8
POSKEY02	CHAR	CPSM	4	No	DIFF	No	Key segment 02 position		0-4090	EALL	18
POSKEY03	CHAR	CPSM	4	No	DIFF	No	Key segment 03 position		0-4090	EALL	28

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
POSKEY04	CHAR	CPSM	4	No	DIFF	No	Key segment 04 position		0-4090	EALL	38
POSKEY05	CHAR	CPSM	4	No	DIFF	No	Key segment 05 position		0-4090	EALL	48
POSKEY06	CHAR	CPSM	4	No	DIFF	No	Key segment 06 position		0-4090	EALL	58
POSKEY07	CHAR	CPSM	4	No	DIFF	No	Key segment 07 position		0-4090	EALL	68
POSKEY08	CHAR	CPSM	4	No	DIFF	No	Key segment 08 position		0-4090	EALL	78
POSKEY09	CHAR	CPSM	4	No	DIFF	No	Key segment 09 position		0-4090	EALL	88
POSKEY10	CHAR	CPSM	4	No	DIFF	No	Key segment 10 position		0-4090	EALL	98
POSKEY11	CHAR	CPSM	4	No	DIFF	No	Key segment 11 position		0-4090	EALL	108
POSKEY12	CHAR	CPSM	4	No	DIFF	No	Key segment 12 position		0-4090	EALL	118
POSKEY13	CHAR	CPSM	4	No	DIFF	No	Key segment 13 position		0-4090	EALL	128
POSKEY14	CHAR	CPSM	4	No	DIFF	No	Key segment 14 position		0-4090	EALL	138
POSKEY15	CHAR	CPSM	4	No	DIFF	No	Key segment 15 position		0-4090	EALL	148
POSKEY16	CHAR	CPSM	4	No	DIFF	No	Key segment 16 position		0-4090	EALL	158
POSKEY17	CHAR	CPSM	4	No	DIFF	No	Key segment 17 position		0-4090	EALL	168

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
POSKEY18	CHAR	CPSM	4	No	DIFF	No	Key segment 18 position		0-4090	EALL	178
POSKEY19	CHAR	CPSM	4	No	DIFF	No	Key segment 19 position		0-4090	EALL	188
POSKEY20	CHAR	CPSM	4	No	DIFF	No	Key segment 20 position		0-4090	EALL	198
POSKEY21	CHAR	CPSM	4	No	DIFF	No	Key segment 21 position		0-4090	EALL	208
POSKEY22	CHAR	CPSM	4	No	DIFF	No	Key segment 22 position		0-4090	EALL	218
POSKEY23	CHAR	CPSM	4	No	DIFF	No	Key segment 23 position		0-4090	EALL	228
POSKEY24	CHAR	CPSM	4	No	DIFF	No	Key segment 24 position		0-4090	EALL	238
SAMKEY01	CHAR	CPSM	1	No	DIFF	No	Key segment 01 part of next segment			EALL	14
SAMKEY01 Input/output valid values	N, Y										
SAMKEY02	CHAR	CPSM	1	No	DIFF	No	Key segment 02 part of next segment			EALL	24
SAMKEY02 Input/output valid values	N, Y										
SAMKEY03	CHAR	CPSM	1	No	DIFF	No	Key segment 03 part of next segment			EALL	34
SAMKEY03 Input/output valid values	N, Y										
SAMKEY04	CHAR	CPSM	1	No	DIFF	No	Key segment 04 part of next segment			EALL	44

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
SAMKEY04 Input/output valid values	N, Y										
SAMKEY05	CHAR	CPSM	1	No	DIFF	No	Key Seg 05 part of next segment			EALL	54
SAMKEY05 Input/output valid values	N, Y										
SAMKEY06	CHAR	CPSM	1	No	DIFF	No	Key segment 06 part of next segment			EALL	64
SAMKEY06 Input/output valid values	N, Y										
SAMKEY07	CHAR	CPSM	1	No	DIFF	No	Key segment 07 part of next segment			EALL	74
SAMKEY07 Input/output valid values	N, Y										
SAMKEY08	CHAR	CPSM	1	No	DIFF	No	Key segment 08 part of next segment			EALL	84
SAMKEY08 Input/output valid values	N, Y										
SAMKEY09	CHAR	CPSM	1	No	DIFF	No	Key segment 09 part of next segment			EALL	94
SAMKEY09 Input/output valid values	N, Y										
SAMKEY10	CHAR	CPSM	1	No	DIFF	No	Key segment 10 part of next segment			EALL	104
SAMKEY10 Input/output valid values	N, Y										
SAMKEY11	CHAR	CPSM	1	No	DIFF	No	Key segment 11 part of next segment			EALL	114

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
SAMKEY11 Input/output valid values	N, Y										
SAMKEY12	CHAR	CPSM	1	No	DIFF	No	Key segment 12 part of next segment			EALL	124
SAMKEY12 Input/output valid values	N, Y										
SAMKEY13	CHAR	CPSM	1	No	DIFF	No	Key segment 13 part of next segment			EALL	134
SAMKEY13 Input/output valid values	N, Y										
SAMKEY14	CHAR	CPSM	1	No	DIFF	No	Key segment 14 part of next segment			EALL	144
SAMKEY14 Input/output valid values	N, Y										
SAMKEY15	CHAR	CPSM	1	No	DIFF	No	Key segment 15 part of next segment			EALL	154
SAMKEY15 Input/output valid values	N, Y										
SAMKEY16	CHAR	CPSM	1	No	DIFF	No	Key segment 16 part of next segment			EALL	164
SAMKEY16 Input/output valid values	N, Y										
SAMKEY17	CHAR	CPSM	1	No	DIFF	No	Key segment 17 part of next segment			EALL	174
SAMKEY17 Input/output valid values	N, Y										
SAMKEY18	CHAR	CPSM	1	No	DIFF	No	Key segment 18 part of next segment			EALL	184

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
SAMKEY18 Input/output valid values	N, Y										
SAMKEY19	CHAR	CPSM	1	No	DIFF	No	Key segment 19 part of next segment			EALL	194
SAMKEY19 Input/output valid values	N, Y										
SAMKEY20	CHAR	CPSM	1	No	DIFF	No	Key segment 20 part of next segment			EALL	204
SAMKEY20 Input/output valid values	N, Y										
SAMKEY21	CHAR	CPSM	1	No	DIFF	No	Key segment 21 part of next segment			EALL	214
SAMKEY21 Input/output valid values	N, Y										
SAMKEY22	CHAR	CPSM	1	No	DIFF	No	Key segment 22 part of next segment			EALL	224
SAMKEY22 Input/output valid values	N, Y										
SAMKEY23	CHAR	CPSM	1	No	DIFF	No	Key segment 23 part of next segment			EALL	234
SAMKEY23 Input/output valid values	N, Y										
SAMKEY24	CHAR	CPSM	1	No	DIFF	No	Key segment 24 part of next segment			EALL	244
SAMKEY24 Input/output valid values	N, Y										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				249
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				250

Table 434. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				251

FSGINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a file key segment definition (FSEGDEF) in a resource group (RESGROUP). An FSEGDEF can be a member of multiple RESGROUPS.

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6165

Table 435. Valid CPSM operations

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

Table 436. FSGINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set

Table 436. FSGINGRP FEEDBACK error codes (continued)

22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 437. FSGINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
FSEGGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
FSEGNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	File key segment definition name	6
FSEGVER-3	BINARY	CPSM	1	Yes	AVG	Yes	File key segment definition version	7

FTRINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6173

Table 438. Valid CPSM operations

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

Table 439. FTRINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 439. FTRINGRP FEEDBACK error codes (continued)

1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 440. FTRINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
FTRGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
FTRNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	FEPI target definition name	6
FTRVER-3	BINARY	CPSM	1	Yes	AVG	Yes	FEPI target definition version	7

HOST Resource Table

A CICS resource that retrieves information about virtual hosts in the local system.

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

External resource name

Length

144

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0163

Table 441. Valid CPSM operations

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

Table 441. Valid CPSM operations (continued)

DISABLE	None	N/A
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Table 442. HOST resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Status	3
ENABLESTATUS Input/output valid values	ENABLED, DISABLED						
NAME-1	CHAR	INQ	116	DIFF	Yes	Name	1
TCPIPSERVICE-2	CHAR	INQ	8	DIFF	No	Inbound port TCP/IP service relating to this host	2

HTASK Resource Table

A CICSplex SM Resource that provides information about a completed task. That is, a task that previously ran in a system managed by CICSplex SM, but has now been completed. Whilst a task is active, information can be obtained about the task by the TASK resource. Once the task completes, information can be obtained by the HTASK resource, provided CICSplex SM history recording has been activated for the task.

The **Primary** key field for this resource class is TIME, which represents the time the task was completed in the form of an eight byte store clock (STCK) value. This task completion STCK will always be in Universal Time, Coordinated (UTC). UTC is a universal time standard that is GMT without any adjustment for leap seconds. In the discussion of parameters below, be aware that all times are UTC, and when considering UTC completion times near to midnight, be aware that this has an impact on the date as well.

The following parameters are supported for the GET operation:

STARTDATE(mm/dd/yyyy)
 STARTTIME(hh:mm:ss)
 ENDDATE(mm/dd/yyyy)
 ENDTIME(hh:mm:ss)
 INTERVAL(value)
 RECENT(value)

- If you use the RECENT parameter, you must not specify any other parameters.
- If you use the INTERVAL parameter, you must not specify the ENDDATE and ENDTIME parameters.

There are no object specific actions for this resource class.

Note: The transaction number attribute (TASK) is normally a 4-byte packed decimal number. However, some CICS system tasks are identified by special character 'transaction numbers', as follows:

- ' III' for system initialization task

- 'TCP' for terminal control.

These special identifiers are placed in bytes 2 through 4. Byte 1 is a blank (X'40') before the terminal control TCP identifier, and a null value (X'00') before the others. Because the TASK attribute is expected to contain a packed decimal value, it is not possible to specify the special values TASK=' III' or TASK=' TCP' in a filter. If you need to retrieve task history data for these tasks, you must use another attribute in your filter string, for example, TRANID='CSTP'.

External resource name

Length

2664

Usage API

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0154

Table 443. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		ENDDATE(value)	No
		ENDTIME(value)	No
		INTERVAL(value)	No
		RECENT(value)	No
		STARTDATE(value)	No
		STARTTIME(value)	No

Table 444. HTASK FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	INV_COMB_RECENT	RECENT parameter not unique	22	INV_COMB_INTV_BAD	Bad combination (INTERVAL+ENDTIME)
23	INV_COMB_INTV_BAD	Bad combination (INTERVAL+ENDDATE)	24	INV_COMB_STARTSENB	ENDDATE/TIME must precede ENDDATE/TIME
25	INV_RECENT	Invalid RECENT value	26	INV_INTERVAL	Invalid INTERVAL value

Table 445. HTASK resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		

Table 445. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ABCODEC	CHAR	CMF	4	DIFF	No	Current ABEND code		18
ABCODEO	CHAR	CMF	4	DIFF	No	Original ABEND code		17
ACTVTYID	HEX	CMF	52	MIN	No	BTS activity ID		153
ACTVTYNM	CHAR	CMF	16	DIFF	No	BTS activity name		152
ALLOCATES	BINARY	CMF	4	AVG	No	Number of ALLOCATE requests		27
APPLNAMEPROG	CHAR	CMF	8	DIFF	No	Application naming - program name		327
APPLNAMETRAN	CHAR	CMF	4	DIFF	No	Application naming - transaction name		326
BAACDCCT	BINARY	CMF	4	AVG	No	BTS activity data container requests		166
BAACQPCT	BINARY	CMF	4	AVG	No	BTS acquire requests		163
BADACTCT	BINARY	CMF	4	AVG	No	BTS define activity requests		158
BADCPACT	BINARY	CMF	4	AVG	No	BTS delete activity and cancel requests		162
BADFIECT	BINARY	CMF	4	AVG	No	BTS define input event requests		169
BADPROCT	BINARY	CMF	4	AVG	No	BTS define process requests		157
BALKPACT	BINARY	CMF	4	AVG	No	BTS link requests		156
BAPRDCCT	BINARY	CMF	4	AVG	No	BTS process data container requests		165
BARASYCT	BINARY	CMF	4	AVG	No	BTS run asynchronous requests		155
BARATECT	BINARY	CMF	4	AVG	No	BTS retrieve reattach event requests		168
BARMPACT	BINARY	CMF	4	AVG	No	BTS resume requests		161
BARSPACT	BINARY	CMF	4	AVG	No	BTS reset requests		159
BARSYNCT	BINARY	CMF	4	AVG	No	BTS run synchronous requests		154
BASUPACT	BINARY	CMF	4	AVG	No	BTS suspend requests		160
BATIAECT	BINARY	CMF	4	AVG	No	BTS timer associated event requests		170
BATOTCCT	BINARY	CMF	4	AVG	No	BTS total data container requests		167
BATOTECT	BINARY	CMF	4	AVG	No	BTS total event requests		171
BATOTPCT	BINARY	CMF	4	AVG	No	BTS total requests		164
BMSCOUNT	BINARY	CMF	4	AVG	No	Total number of BMS requests		67
BMSINCNT	BINARY	CMF	4	AVG	No	Number of BMS map in requests		65
BMSMAPCNT	BINARY	CMF	4	AVG	No	Number of BMS map requests		64
BMSOUTCNT	BINARY	CMF	4	AVG	No	Number of BMS map out requests		66
BRDGTRAN	EYUDA	CMF	4	LIKE	No	Transaction ID started by bridge		137
BRDGTRAN Output valid values	YES, NO							
BRIDGE	CHAR	CMF	4	DIFF	No	Bridge transaction ID		136
BTECOMP	EYUDA	CPSM	4	LIKE	No	Workload manager begin-to-end phase complete		264
BTECOMP Output valid values	YES, NO							
CDSAGETM	BINARY	CMF	4	AVG	No	Number of GETMAIN requests in CDSA		30
CDSAPSHWM	BINARY	CMF	4	AVG	No	Maximum program storage in CDSA		47
CDSASHWM	BINARY	CMF	4	AVG	No	Peak number of bytes used by task in CDSA		34

Table 445. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
CDSASOCC	BINARY	CMF	4	AVG	No	Average CDSA storage usage		39
CFDTWAIT	SCLOCK12	CMF	12	MAX	No	CFDT wait time		147
CHARIN	BINARY	CMF	4	AVG	No	Number of primary TC characters received		20
CHARINSEC	BINARY	CMF	4	AVG	No	Number of secondary TC characters received		24
CHAROUT	BINARY	CMF	4	AVG	No	Number of primary TC characters sent		22
CHAROUTSEC	BINARY	CMF	4	AVG	No	Number of secondary TC characters sent		26
CHMODECT	BINARY	CMF	4	AVG	No	Number of CICS dispatcher change modes	E640P	208
CICSWAIT	SCLOCK12	CMF	12	MAX	No	CICS event wait time		140
CLIPADDR	CHAR	CMF	16	DIFF	No	Client IP address		208
CONTROLWAIT	SCLOCK12	CMF	12	MAX	No	Give-up-control wait time		142
CORREUOW	HEX	CPSM	23	MIN	No	Correlation UOW ID		274
CPUTIME	SCLOCK12	CMF	12	MAX	No	User task CPU time		76
DB2CONWT	SCLOCK12	CMF	12	MAX	No	DB2 connection(TCB) wait time		189
DB2RDYQW	SCLOCK12	CMF	12	MAX	No	DB2 ready queue wait time		188
DB2REQCT	BINARY	CMF	4	AVG	No	Total number of DB2 requests		201
DB2WAIT	SCLOCK12	CMF	12	MAX	No	DB2 request wait time		190
DETTRANATYPE	EYUDA	CPSM	4	LIKE	No	Transaction type details		263
DETTRANATYPE Output valid values	NONE, SYSTEM, MIRROR, DPL, ONCRPC, WEB, BRIDGE, CICSBTS							
DHCRECT	BINARY	CMF	4	AVG	No	Number of DOCUMENT CREATE requests		181
DHINSCT	BINARY	CMF	4	AVG	No	Number of DOCUMENT INSERT requests		182
DHRETCT	BINARY	CMF	4	AVG	No	Number of DOCUMENT RETRIEVE requests		184
DHSETCT	BINARY	CMF	4	AVG	No	Number of DOCUMENT SET requests		183
DHTOTCT	BINARY	CMF	4	AVG	No	Total number of document requests		185
DHTOTDCL	BINARY	CMF	4	AVG	No	Total length of documents created		186
DISPTIME	SCLOCK12	CMF	12	MAX	No	User task dispatch time		75
DSPDELAY	SCLOCK12	CMF	12	MAX	No	First dispatch delay time		108
ECDSAGETM	BINARY	CMF	4	AVG	No	Number of GETMAIN requests in ECDSA		31
ECDSAPSHWM	BINARY	CMF	4	AVG	No	Maximum program storage in ECDSA		46
ECDSASHWM	BINARY	CMF	4	AVG	No	Peak number of bytes used by task in ECDSA		35
ECDSASOCC	BINARY	CMF	4	AVG	No	Average ECDSA storage usage		40
ENQDELAY	SCLOCK12	CMF	12	MAX	No	Local enqueue delay time		111
EXECOMP	EYUDA	CPSM	4	LIKE	No	Workload manager execution phase complete		265
EXECOMP Output valid values	YES, NO							
EXTERNWAIT	SCLOCK12	CMF	12	MAX	No	External wait time		139

Table 445. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EXWAIT	SCLOCK12	CMF	12	MAX	No	Exception wait time		79
FACILITY	CHAR	CMF	4	DIFF	No	Principal facility		12
FACILITYTYPE	EYUDA	CMF	4	LIKE	No	Facility type		13
FACILITYTYPE Output valid values	TERMINAL, TDQUEUE, START							
FCADDCNT	BINARY	CMF	4	AVG	No	Number of file control ADD requests		52
FCAMCNT	BINARY	CMF	4	AVG	No	Number of file control access method requests		55
FCBRWCNT	BINARY	CMF	4	AVG	No	Number of file control BROWSE requests		51
FCCOUNT	BINARY	CMF	4	AVG	No	Total number of file control requests		54
FCDELCNT	BINARY	CMF	4	AVG	No	Number of file control DELETE requests		53
FCGETCNT	BINARY	CMF	4	AVG	No	Number of file control READ requests		49
FCIOTIME	SCLOCK12	CMF	12	MAX	No	File control I/O wait time		81
FCPUTCNT	BINARY	CMF	4	AVG	No	Number of file control WRITE requests		50
FIRSTPRGM	CHAR	CMF	8	DIFF	No	First program name		7
GNQDELAY	SCLOCK12	CMF	12	MAX	No	Global enqueue delay time		204
ICCOUNT	BINARY	CMF	4	AVG	No	Number of Interval Control requests		72
IMSREQCT	BINARY	CMF	4	AVG	No	Total number of IMS requests		200
IMSWAIT	SCLOCK12	CMF	12	MAX	No	IMS request wait time		187
INDOUBT	EYUDA	CMF	4	LIKE	No	Transaction indoubt option		134
INDOUBT Output valid values	BACKWARD, FORWARD							
INDOUBTFAIL	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW indoubt failure		271
INDOUBTFAIL Output valid values	YES, NO							
INDOUBTWAIT	EYUDA	CMF	4	LIKE	No	Indoubt wait time		135
INDOUBTWAIT Output valid values	YES, NO							
INTVLC	BINARY	CMF	4	AVG	No	Interval control count		145
INTVLWAIT	SCLOCK12	CMF	12	MAX	No	Interval control delay time		141
IRIOTIME	SCLOCK12	CMF	12	MAX	No	Interregion communication (MRO) I/O wait time		84
ISOLATEST	EYUDA	CMF	4	LIKE	No	Data isolation type		87
ISOLATEST Output valid values	NO, YES							
J8CPUT	SCLOCK12	CMF	12	MAX	No	J8 TCB mode CPU time		198
JCIOTIME	SCLOCK12	CMF	12	MAX	No	Journal control I/O wait time		82
JCUSRWcnt	BINARY	CMF	4	AVG	No	Number of journal output requests		71
JRNLRITREQ	BINARY	CMF	4	AVG	No	Number of journal write requests		128
JVMSUSP	SCLOCK12	CMF	12	MAX	No	Total JVM suspend time		214
JVMTIME	SCLOCK12	CMF	12	MAX	No	Total JVM elapsed time		213
L8CPUT	SCLOCK12	CMF	12	MAX	No	L8 TCB mode CPU time		197
LOCKMGRWAIT	SCLOCK12	CMF	12	MAX	No	Lock manager wait time		138

Table 445. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
LOGGRWRITREQ	BINARY	CMF	4	AVG	No	Number of CICS logger write requests		129
LU61WTT	SCLOCK12	CMF	12	MAX	No	LU61 I/O wait time		112
LU62WTT	SCLOCK12	CMF	12	MAX	No	LU62 I/O wait time		113
LUNAME	CHAR	CMF	8	DIFF	No	VTAM LU name		8
MSCPUT	SCLOCK12	CMF	12	MAX	No	Other TCB mode CPU time		196
MSDISPT	SCLOCK12	CMF	12	MAX	No	Other TCB mode dispatch time		195
MSGIN	BINARY	CMF	4	AVG	No	Number of primary TC messages received		19
MSGINSEC	BINARY	CMF	4	AVG	No	Number of secondary TC messages received		23
MSGOUT	BINARY	CMF	4	AVG	No	Number of primary TC messages sent		21
MSGOUTSEC	BINARY	CMF	4	AVG	No	Number of secondary TC messages sent		25
MXTDELAY	SCLOCK12	CMF	12	MAX	No	First dispatch delay time caused by MXT		110
MXTOTDLY	SCLOCK12	CMF	12	MAX	No	Maximum open TCB delay time		191
NETNAME	CHAR	CMF	20	DIFF	No	LU 6.2 network-wide UOW netname		11
NETUOWID	HEX	CMF	27	MIN	No	LU6.2 network-wide UOW ID		262
OAPPLID	CHAR	CMF	8	MAX	No	Originating applid	E640	339
OCLIPADR	CHAR	CMF	16	MAX	No	Originating client IP address	E640	347
OCLIPORT	BINARY	CMF	4	MAX	No	Originating client portnumber	E640	348
OFCTYNME	CHAR	CMF	8	MAX	No	Originating facility name	E640	350
ONETWKID	CHAR	CMF	8	MAX	No	Originating networkid	E640	338
OPORTNUM	BINARY	CMF	4	MAX	No	Originating portnumber	E640	346
ORIGINTYPE	EYUDA	CPSM	4	LIKE	No	Transaction origin type		267
ORIGINTYPE Output valid values	NONE, TERMINAL, TDQUEUE, START, TERMSTART, SCHEDULED, XMRUN, BRIDGE, SOCKET, WEB, IIOF, RRS, LU61, LU62, MRO, ECI, IIRQRECV, RZSTTRPT							
OSTART	TIMESTP	CMF	8	MAX	No	Originating task start time	E640	340
OTCPSVCE	CHAR	CMF	8	MAX	No	Originating TCPIP SERVICE	E640	345
OTRAN	CHAR	CMF	4	MAX	No	Originating transaction id	E640	342
OTRANFLG	HEX	CMF	8	MAX	No	Originating transaction flags	E640	349
OTRANNUM	DECIMAL	CMF	4	MAX	No	Originating transaction sequence number	E640	341
OUSERCOR	CHAR	CMF	64	MAX	No	Originating user correlation data	E640	344
OUSERID	CHAR	CMF	8	MAX	No	Originating userid	E640	343
PC24RHWM	BINARY	CMF	4	AVG	No	Maximum read-only program storage on RDSA		95
PC24SHWM	BINARY	CMF	4	AVG	No	Maximum shared program storage in SDSA		97
PC31SHWM	BINARY	CMF	4	AVG	No	Maximum shared program storage in ESDSA		96
PCDPLCT	BINARY	CMF	4	AVG	No	Distributed program link (DPL) request count		209
PCLINKCNT	BINARY	CMF	4	AVG	No	Number of program LINK requests		68
PCLOADCNT	BINARY	CMF	4	AVG	No	Number of program LOAD requests		70
PCLOADTM	SCLOCK12	CMF	12	MAX	No	Program load time		86

Table 445. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
PCLURMCT	BINARY	CMF	4	AVG	No	Number of user replaceable module link requests		146
PCXCTLCNT	BINARY	CMF	4	AVG	No	Number of program transfer control (XCTL) requests		69
PERFRECCNT	BINARY	CMF	4	AVG	No	Number of performance records		119
PGCSTHWM	BINARY	CMF	8	MAX	No	Maximum container storage allocated to task	E640	337
PRCSID	HEX	CMF	52	MIN	No	BTS process ID		150
PRCSNAME	CHAR	CMF	36	DIFF	No	BTS process name		149
PRCSTYPE	CHAR	CMF	8	DIFF	No	BTS process type		151
PRIORITY	BINARY	CMF	4	AVG	No	Task priority		14
PSTG24HWM	BINARY	CMF	4	AVG	No	Maximum program storage below 16MB		42
PSTG31HWM	BINARY	CMF	4	AVG	No	Maximum program storage above 16MB		43
PSTGHWM	BINARY	CMF	4	AVG	No	Maximum program storage across all DSAs		41
QRCPUT	SCLOCK12	CMF	12	MAX	No	CPU time used while running in QR TCB mode		194
QRDISPT	SCLOCK12	CMF	12	MAX	No	Dispatch time while running in QR TCB mode		193
QRMODDLY	SCLOCK12	CMF	12	MAX	No	QR TCB mode delay time		192
RECTYPE	CHAR	CMF	4	DIFF	No	Record type		15
RESOLVEACT	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW resolved with indoubt action		268
RESOLVEACT Output valid values	YES, NO							
RESPTIME	INTTSTP	CPSM	8	MAX	No	Task response time		273
RLSCPUT	SCLOCK12	CMF	12	MAX	No	CPU time used by VSAM Record Level Sharing		144
RLSWAITTIME	SCLOCK12	CMF	12	MAX	No	VSAM Record Level Sharing wait time		132
RMICPSMETIME	SCLOCK12	CMF	12	MAX	No	CICSplex SM RMI elapsed time		334
RMIDB2TIME	SCLOCK12	CMF	12	MAX	No	DB2 RMI elapsed time		330
RMIDBCTLTIME	SCLOCK12	CMF	12	MAX	No	DBCTL RMI elapsed time		331
RMIEXECDLITM	SCLOCK12	CMF	12	MAX	No	DL/I RMI elapsed time		332
RMIMQSERIEST	SCLOCK12	CMF	12	MAX	No	WebSphere MQ RMI elapsed time		333
RMIOTHERTIME	SCLOCK12	CMF	12	MAX	No	Total other RMI elapsed time		329
RMISUSP	SCLOCK12	CMF	12	MAX	No	Total RMI suspend time		115
RMITCPIPTIME	SCLOCK12	CMF	12	MAX	No	TCP/IP Sockets RMI elapsed time		335
RMITIME	SCLOCK12	CMF	12	MAX	No	Total RMI elapsed time		114
RMITOTALTIME	SCLOCK12	CMF	12	MAX	No	Total RMI elapsed time		328
ROFAIL	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW resource owner failure		272
ROFAIL Output valid values	YES, NO							
ROPS31HWM	BINARY	CMF	4	AVG	No	Maximum read-only program storage		48
RRMSURID	HEX	CMF	16	MIN	No	RRMS/MVS unit of recovery ID		207

Table 445. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
RRMSWAIT	SCLOCK12	CMF	12	MAX	No	RRMS/MVS syncpoint coordination delay time		205
RSYSID	CHAR	CMF	4	DIFF	No	Remote system ID		90
RUNTRWTT	SCLOCK12	CMF	12	MAX	No	Run synchronous transaction wait time		173
S8CPUT	SCLOCK12	CMF	12	MAX	No	S8 TCB mode CPU time		199
SHAREDTSWAIT	SCLOCK12	CMF	12	MAX	No	Shared temporary storage I/O wait time		143
SHSTGBYTEFMA	BINARY	CMF	4	AVG	No	FREEMAIN byte count of shared storage above 16M		127
SHSTGBYTEFMB	BINARY	CMF	4	AVG	No	FREEMAIN byte count of shared storage below 16MB		124
SHSTGBYTEGMA	BINARY	CMF	4	AVG	No	GETMAIN byte count of shared storage above 16MB		126
SHSTGBYTEGMB	BINARY	CMF	4	AVG	No	GETMAIN byte count of shared storage below 16MB		123
SHSTGGMCABV	BINARY	CMF	4	AVG	No	Shared storage GETMAIN request count above 16MB		125
SHSTGGMCBEL	BINARY	CMF	4	AVG	No	Shared storage GETMAIN request count below 16MB		121
SHUNTED	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW shunted		269
SHUNTED Output valid values	YES, NO							
SOBYDECT	BINARY	CMF	4	AVG	No	Number of socket bytes decrypted		211
SOBYENCT	BINARY	CMF	4	AVG	No	Number of socket bytes encrypted		210
SOIOWTT	SCLOCK12	CMF	12	MAX	No	Inbound TCP/IP sockets I/O wait time		206
SRVSYWTT	SCLOCK12	CMF	12	MAX	No	CFDT syncpoint wait time		148
START	DATETIME	CMF	8	MAX	No	Task start time		2
STOP	DATETIME	CMF	8	MAX	No	Task stop time		3
SUBEXECOMP	EYUDA	CPSM	4	LIKE	No	WLM subset of execution phase complete		266
SUBEXECOMP Output valid values	YES, NO							
SUSPTIME	SCLOCK12	CMF	12	MAX	No	Task suspend time		77
SYNCCOUNT	BINARY	CMF	4	AVG	No	Number of syncpoint requests		73
SYNCDLY	SCLOCK12	CMF	12	MAX	No	Waiting for parent syncpoint delay time		174
SYNCPWAITTM	SCLOCK12	CMF	12	MAX	No	Syncpoint wait time		131
SZALLCTO	BINARY	CMF	4	AVG	No	Number of FEPI ALLOCATE timeouts		104
SZALLOCT	BINARY	CMF	4	AVG	No	Number of FEPI ALLOCATE requests		98
SZCHRIN	BINARY	CMF	4	AVG	No	Number of FEPI characters received		103
SZCHROUT	BINARY	CMF	4	AVG	No	Number of FEPI characters sent		102
SZRCVCT	BINARY	CMF	4	AVG	No	Number of FEPI RECEIVE requests		99
SZRCVTO	BINARY	CMF	4	AVG	No	Number of FEPI RECEIVE timeouts		105
SZSENDCT	BINARY	CMF	4	AVG	No	Number of FEPI SEND requests		100
SZSTRCT	BINARY	CMF	4	AVG	No	Number of FEPI START requests		101
SZTOTCT	BINARY	CMF	4	AVG	No	Total number of FEPI requests		106
SZWAIT	SCLOCK12	CMF	12	MAX	No	FEPI suspend time		107

Table 445. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TASK	DECIMAL	CMF	4	MAX	No	Task ID		218
TASKDATAKEY	EYUDA	CMF	4	LIKE	No	Data storage key		88
TASKDATAKEY Output valid values	CICS, USER							
TASKDATALOC	EYUDA	CMF	4	LIKE	No	Data location above/below 16MB		89
TASKDATALOC Output valid values	BELOW, ANY							
TASKFLAG	BINARY	CMF	4	AVG	No	Transaction error flags		16
TCBATTCT	BINARY	CMF	4	AVG	No	Number of CICS dispatcher TCB attaches		203
TCC62IN2	BINARY	CMF	4	AVG	No	Number of secondary LU62 TC characters received		92
TCC62OU2	BINARY	CMF	4	AVG	No	Number of secondary LU62 TC characters sent		94
TCIOTIME	SCLOCK12	CMF	12	MAX	No	Terminal control I/O wait time		80
TCLDELAY	SCLOCK12	CMF	12	MAX	No	First dispatch delay time caused by TCL		109
TCM62IN2	BINARY	CMF	4	AVG	No	Number of secondary LU62 TC messages received		91
TCM62OU2	BINARY	CMF	4	AVG	No	Number of secondary LU62 TC messages sent		93
TDCOUNT	BINARY	CMF	4	AVG	No	Total number of transient data requests		59
TDGETCNT	BINARY	CMF	4	AVG	No	Number of transient data GET requests		56
TDIOTIME	SCLOCK12	CMF	12	MAX	No	Transient data I/O wait time		85
TDPURCNT	BINARY	CMF	4	AVG	No	Number of transient data PURGE requests		58
TDPUTCNT	BINARY	CMF	4	AVG	No	Number of transient data PUT requests		57
TERMCONNAME	CHAR	CMF	4	DIFF	No	Terminal connection name		120
TERMID	CHAR	CMF	4	DIFF	No	Actual terminal ID or session ID		212
TERMNALINFO	HEX	CMF	4	MIN	No	Terminal information		130
TIME-1	HEX	CMF	8	MIN	Yes	Time key		1
TMRCBRNM	CHAR	CMF	4	LIKE	No	CorbaServer name		276
TMRCFACT	BINARY	CMF	4	AVG	No	Number of OO class library API requests		225
TMRCIPOR	BINARY	CMF	4	MAX	No	Client IP Port	E640	353
TMRCMDLY	SCLOCK12	CMF	12	AVG	No	CICS TCB Change Mode delay time		314
TMRDHDLC	BINARY	CMF	4	AVG	No	Number of Document Delete requests	E640	336
TMRDSCWT	SCLOCK12	CMF	12	MAX	No	Dispatcher MVS storage constraint wait time		287
TMRDSMWT	SCLOCK12	CMF	12	MAX	No	Dispatcher TCB mismatch wait time		286
TMRDSTHW	BINARY	CMF	4	AVG	No	Peak number of CICS dispatcher TCBs		277
TMREJBAC	BINARY	CMF	4	AVG	No	Number of bean state activation requests		278
TMREJBCC	BINARY	CMF	4	AVG	No	Number of bean creation requests		280

Table 445. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TMREJBPC	BINARY	CMF	4	AVG	No	Number of bean state passivation requests		279
TMREJBRC	BINARY	CMF	4	AVG	No	Number of bean removal requests		281
TMREJBTC	BINARY	CMF	4	AVG	No	Total number of Enterprise bean requests		288
TMREJMCT	BINARY	CMF	4	AVG	No	Number of Enterprise bean method calls		282
TMRHTDLY	SCLOCK12	CMF	12	AVG	No	Maximum hot-pooling TCB delay time	E640P255	255
TMRICSCC	BINARY	CMF	4	AVG	No	Total local interval control starts with channel		317
TMRICSCD	BINARY	CMF	4	AVG	No	Data length of all local IC starts with channel		318
TMRICSRC	BINARY	CMF	4	AVG	No	Total remote interval control starts with channel		319
TMRICSRD	BINARY	CMF	4	AVG	No	Data length of all remote IC starts with channel		320
TMRISACT	BINARY	CMF	4	MAX	No	Number of IPCONN allocate requests	E640	355
TMRISCNM	CHAR	CMF	8	MAX	No	IPCONN Name	E640	354
TMRISWT	SCLOCK12	CMF	12	MAX	No	IPCONN I/O wait time	E640	356
TMRJ9CPU	SCLOCK12	CMF	12	MAX	No	J9 TCB mode CPU time		285
TMRJTDLY	SCLOCK12	CMF	12	AVG	No	Maximum JVM TCB delay time		250
TMRJVMIT	SCLOCK12	CMF	12	AVG	No	JVM elapsed time - initializing		256
TMRJVMRT	SCLOCK12	CMF	12	AVG	No	JVM elapsed time - resetting		257
TMRKY8CP	SCLOCK12	CMF	12	AVG	No	User task key 8 mode CPU time		249
TMRKY8DS	SCLOCK12	CMF	12	AVG	No	User task key 8 mode dispatch time		248
TMRKY9CP	SCLOCK12	STAT	12	AVG	No	User task key 9 mode CPU time		284
TMRKY9DS	SCLOCK12	STAT	12	AVG	No	User task key 9 mode dispatch time		283
TMRL9CPU	SCLOCK12	CMF	12	MAX	No	User task L9 mode CPU time		321
TMRMQGWT	SCLOCK12	CMF	12	MAX	No	WebSphere MQ Getwait wait time	E640	352
TMRNETID	CHAR	CMF	8	DIFF	No	Network ID		221
TMRNETSX	HEX	CMF	8	DIFF	No	LU6.2 network-wide UOW instance and sequence number		259
TMROIDWT	SCLOCK12	CMF	12	AVG	No	OTS indoubt wait time		255
TMROTSID	CHAR	CMF	128	DIFF	No	OTS transaction ID		224
TMRPCDCC	BINARY	CMF	4	AVG	No	Number of DPL program link requests with channel		293
TMRPCDLL	BINARY	CMF	4	AVG	No	Data length of all DPL program links with channel		289
TMRPCDRL	BINARY	CMF	4	AVG	No	Total data length of all DPL returns with channel		290
TMRPCLCC	BINARY	CMF	4	AVG	No	Number of program link requests with channel		291
TMRPCRCC	BINARY	CMF	4	AVG	No	Number of program return requests with channel		294
TMRPCRCL	BINARY	CMF	4	AVG	No	Data length of all program returns with channel		295
TMRPCXCC	BINARY	CMF	4	AVG	No	Number of program XCTL requests with channel		292

Table 445. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TMRPGBCC	BINARY	CMF	4	AVG	No	Number of browse container channel requests		297
TMRPGCCC	BINARY	CMF	4	AVG	No	Number of containers created for channel containers		324
TMRPGCTC	BINARY	CMF	4	AVG	No	Total number of channel data container requests		296
TMRPGGCC	BINARY	CMF	4	AVG	No	Number of get container channel requests		298
TMRPGGCL	BINARY	CMF	8	AVG	No	Data length of all get container channel requests		301
TMRPGMCC	BINARY	CMF	4	AVG	No	Number of move container channel requests		300
TMRPGPCC	BINARY	CMF	4	AVG	No	Number of put container channel requests		299
TMRPGPCL	BINARY	CMF	8	AVG	No	Data length of all put container channel requests		302
TMRPORTN	BINARY	CMF	4	AVG	No	TCP/IP service port number		223
TMRPTPWT	SCLOCK12	CMF	12	AVG	No	Partner wait time		258
TMRRLUNM	CHAR	CMF	8	DIFF	No	Real LU name		222
TMRROCPU	SCLOCK12	CMF	12	AVG	No	User task read-only mode CPU time		247
TMRRODSP	SCLOCK12	CMF	12	AVG	No	User task read-only mode dispatch time		246
TMRRQPWT	SCLOCK12	CMF	12	AVG	No	Request processor wait time		254
TMRRQRWT	SCLOCK12	CMF	12	AVG	No	Request receiver wait time		253
TMRSOCIN	BINARY	CMF	4	AVG	No	Number of characters received		237
TMRSOCNS	BINARY	CMF	4	AVG	No	Number of CREATE non-persistent socket requests		232
TMRSOCOT	BINARY	CMF	4	AVG	No	Number of characters sent		239
TMRSOCPS	BINARY	CMF	4	AVG	No	Number of CREATE persistent socket requests		233
TMRSOERC	BINARY	CMF	4	AVG	No	EXTRACT TCPIP and EXTRACT CERTIFICATE request count		231
TMRSOI1C	BINARY	CMF	4	AVG	No	Number of inbound socket characters received		242
TMRSOIMC	BINARY	CMF	4	AVG	No	Number of inbound socket receive requests		241
TMRSONHW	BINARY	CMF	4	AVG	No	Peak number of non-persistent sockets		234
TMRSOO1C	BINARY	CMF	4	AVG	No	Number of inbound socket characters sent		244
TMRSOOMC	BINARY	CMF	4	AVG	No	Number of inbound socket send requests		243
TMRSOOWT	SCLOCK12	CMF	12	AVG	No	Outbound TCP/IP sockets I/O wait time		252
TMR SOPHW	BINARY	CMF	4	AVG	No	Peak number of persistent sockets		235
TMRSORCT	BINARY	CMF	4	AVG	No	Number of socket receive requests		236
TMR SOSCT	BINARY	CMF	4	AVG	No	Number of socket send requests		238
TMR SOTC	BINARY	CMF	4	AVG	No	Total number of socket requests		240
TMRSTDLY	SCLOCK12	CMF	12	AVG	No	Maximum CICS SSL TCB delay time		312
TMRTCPV	CHAR	CMF	8	DIFF	No	TCP/IP Service name		260

Table 445. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TMRTGPID	HEX	CMF	28	DIFF	No	Transaction group ID		219
TMRWBOC	BINARY	CMF	4	AVG	No	Number of web browse requests		311
TMRWBRC	BINARY	CMF	4	AVG	No	Number of WEB BROWSE requests		228
TMRWBRC	BINARY	CMF	4	AVG	No	Number of WEB EXTRACT requests		227
TMRWBI1C	BINARY	CMF	4	AVG	No	Number of bytes received by web requests		307
TMRWBIRC	BINARY	CMF	4	AVG	No	Number of web receive requests		306
TMRWBIWC	BINARY	CMF	4	AVG	No	Number of invoke web service requests		303
TMRWBO1C	BINARY	CMF	4	AVG	No	Number of bytes sent by web send requests		309
TMRWBOSC	BINARY	CMF	4	AVG	No	Number of web send requests		308
TMRWBPRC	BINARY	CMF	4	AVG	No	Number of web parse requests		310
TMRWBRDL	BINARY	CMF	4	AVG	No	Data length of data read from the repository		322
TMRWBROC	BINARY	CMF	4	AVG	No	Number of web read requests		304
TMRWBRPR	BINARY	CMF	4	AVG	No	Number of repository reads		226
TMRWBRRRC	BINARY	CMF	4	AVG	No	Number of WEB READ requests		229
TMRWBWDL	BINARY	CMF	4	AVG	No	Data length of data written to the repository		323
TMRWBWOC	BINARY	CMF	4	AVG	No	Number of web write requests		305
TMRWBWRC	BINARY	CMF	4	AVG	No	Number of WEB WRITE requests		230
TMRWMQRC	BINARY	CMF	4	MAX	No	Total number WebSphere MQ requests	E640	351
TMRX8CPU	SCLOCK12	CMF	12	AVG	No	User task X8 mode CPU time		315
TMRX9CPU	SCLOCK12	CMF	12	AVG	No	User task X9 mode CPU time		316
TMRXTDLY	SCLOCK12	CMF	12	AVG	No	Maximum CICS XPLink TCB delay time		313
TRANCLASS	CHAR	CMF	8	DIFF	No	Transaction class		6
TRANFLAGS	HEX	CMF	8	MIN	No	Transaction flags		118
TRANID	CHAR	CMF	4	DIFF	No	Transaction ID		9
TRANTYPE	CHAR	CMF	4	DIFF	No	Transaction type		10
TSCOUNT	BINARY	CMF	4	AVG	No	Total number of TS requests		63
TSGETCNT	BINARY	CMF	4	AVG	No	Number of temporary storage GET requests		60
TSIOTIME	SCLOCK12	CMF	12	MAX	No	TS I/O wait time		83
TSPUTACNT	BINARY	CMF	4	AVG	No	Number of TS PUT requests to auxiliary storage		61
TSPUTMCNT	BINARY	CMF	4	AVG	No	Number of TS PUT requests to main storage		62
UNSHUNTED	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW unshunted		270
UNSHUNTED Output valid values	YES, NO							
UOWID	HEX	CMF	8	MIN	No	Local unit of work (UOW) ID		4
UOWINSTSEQ	HEX	CMF	8	MIN	No	LU6.2 network-wide UOW instance and sequence number		133
USERID	CHAR	CMF	8	DIFF	No	User ID		5
USRPS24HWM	BINARY	CMF	4	AVG	No	Maximum program storage in UDSA		45

Table 445. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
USRPS31HWM	BINARY	CMF	4	AVG	No	Maximum program storage in EUDSA		44
USTG24CNT	BINARY	CMF	4	AVG	No	Number of user storage GETMAIN requests below 16MB		28
USTG24HWM	BINARY	CMF	4	AVG	No	Peak number of bytes used by task in UDSA		32
USTG24OCC	BINARY	CMF	8	AVG	No	Average storage usage below 16MB		37
USTG31CNT	BINARY	CMF	4	AVG	No	Number of user storage GETMAIN requests above 16MB		29
USTG31HWM	BINARY	CMF	4	AVG	No	Peak number of bytes used by task in EUDSA		33
USTG31OCC	BINARY	CMF	8	AVG	No	Average storage usage above 16MB		38
WAITTIME	SCLOCK12	CMF	12	MAX	No	Dispatch wait time		78
WBCHRIN	BINARY	CMF	4	AVG	No	Number of Web characters received		176
WBCHROUT	BINARY	CMF	4	AVG	No	Number of Web characters sent		178
WBRCVCT	BINARY	CMF	4	AVG	No	Number of WEB RECEIVE requests		175
WBREPWCT	BINARY	CMF	4	AVG	No	Number of Web repository writes		180
WBSSENDCT	BINARY	CMF	4	AVG	No	Number of WEB SEND requests		177
WBTOTCT	BINARY	CMF	4	AVG	No	Total number of Web requests		179
WLMRPTRCNAME	CHAR	CMF	8	DIFF	No	Workload manager report class name		117
WLMSRVCNAME	CHAR	CMF	8	DIFF	No	Workload manager service class name		116

INDTDQ Resource Table

A CICS Resource that describes an indirect transient data queue in an active CICS system being managed by CICSplex SM.

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

The following action is supported:

DISCARD

Discard the destination.

The DISCARD action requires no unique parameter data.

External resource name

Length

32

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type
CICS Resource

Copybook identifier
EYUt0028

Table 446. Valid CPSM operations

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

Table 447. INDTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
INDIRECTNAME	CHAR	INQ	4	DIFF	No	Indirect name	2
INDIRECTTYPE	CVDAS	INQ	4	LIKE	No	Indirect destination type	3
INDIRECTTYPE Output valid values	INTRA, EXTRA, INDIRECT, REMOTE						
OUTCNT	BINARY	STAT	4	AVG	No	Number of READ, WRITE, and DELETE requests	4
TDQUEUE-1	CHAR	INQ	4	DIFF	Yes	Queue ID	1

INTRATDQ Resource Table

A CICS Resource that describes an intrapartition transient data queue in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

DISABLE

Disable the destination.

DISCARD

Discard a disabled destination.

ENABLE

Enable the destination.

These actions require no unique parameter data.

External resource name

Length

72

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0027

Table 448. Valid CPSM operations

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

Table 449. INTRATDQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ATIFACILITY	CVDAS	INQ	4	LIKE	Yes	ATI facility type	2
ATIFACILITY Input/output valid values	TERMINAL, NOTERMINAL						
ATIFACILITY Output valid values	NOTAPPLIC						
ATITERMID	CHAR	INQ	4	DIFF	Yes	ATI terminal ID	3
ATITRANID	CHAR	INQ	4	DIFF	Yes	ATI transaction ID	4
ATIUSERID	CHAR	INQ	8	DIFF	Yes	ATI User ID	10
INDOUBT	CVDAS	INQ	4	LIKE	No	In-doubt wait option	11
INDOUBT Output valid values	WAIT, NOWAIT						
INDOUBTWAIT	CVDAS	INQ	4	LIKE	No	In-doubt wait action	12
INDOUBTWAIT Output valid values	QUEUE, REJECT						
NUMITEMS	BINARY	INQ	4	AVG	No	Number of items	6
OUTCNT	BINARY	STAT	4	AVG	No	Number of READ, WRITE, and DELETE requests	9
RECOVSTATUS	CVDAS	INQ	4	LIKE	No	Recovery status	7
RECOVSTATUS Output valid values	PHYSICAL, LOGICAL, NOTRECOVABLE, NOTAPPLIC						
STATUS	CVDAS	INQ	4	LIKE	Yes	Enabled status	5
STATUS Input/output valid values	ENABLED, DISABLED						
STATUS Output valid values	NOTAPPLIC						
TDQUEUE-1	CHAR	INQ	4	DIFF	Yes	Queue ID	1

Table 449. INTRATDQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
TRIGGERLEVEL	BINARY	INQ	4	AVG	Yes	Trigger level	8

IPCINGRP Resource Table

The IPCINGRP views display information about the membership of an IPIC connection definition (IPCONDEF) in a resource group (RESGROUP).

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

The following actions are supported:

Get View an association between an IPIC connection definition and a resource group.

Create
Create an association between an IPIC connection definition and a resource group.

Remove
Remove an association between an IPIC connection definition and a resource group from the data repository.

External resource name

Length
32

Usage API or Batch Utility

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Definition

Copybook identifier
EYUt6181

Table 450. Valid CPSM operations

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

Table 451. IPCINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1

Table 451. IPCINGRP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
IPCGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
IPCNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	Connection definition name	6
IPCVER-3	BINARY	CPSM	1	Yes	AVG	Yes	Connection definition version	7

IPCONDEF Resource Table

A CICS Definition that describes an IPIC connection between CICS and a remote system.

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

The following actions are supported:

INSTALL

Install a Connection Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length

408

Usage

API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3836

Table 452. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value) RESGROUP(value)	No No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES/NO) MODE(value) NOTIFY(NO/INACTIVE/RELEASE/FULL)	No No No

Table 452. Valid CPSM operations (continued)

	ADDTOGRP	OVERRIDE OVERTYPE(TARGETIRELATION) (NO/BOTH/NONE) RELATED(value) STATECHK(YES/NO) TARGET(value) USAGE(LOCAL) RESGROUP(value)	No No No Yes Yes Yes
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Table 453. IPCONDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 454. IPCONDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
APPLID	CHAR	CPSM	8	Yes	DIFF	No	Remote application ID			16
AUTOCONNECT	EYUDA	CPSM	4	Yes	LIKE	No	Autoconnect sessions for IPIC connections	NO		8
AUTOCONNECT Input/output valid values	NO, YES									
CERTIFICATE	CHAR	CPSM	32	No	DIFF	No	Certificate			28
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CIPHERS	CHAR	CPSM	56	No	LIKE	No	SSL cipher suite codes			29
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			19
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15	5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	24
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			23
HOST	CHAR	CPSM	116	Yes	DIFF	No	Remote host name			25
INSERVICE	EYUDA	CPSM	4	Yes	LIKE	No	Connection status	YES		9
INSERVICE Input/output valid values	NO, YES									
LINKAUTH	CVDAS	CPSM	4	No	LIKE	No	Link security	SECUSER		32
LINKAUTH Input/output valid values	SECUSER, CERTUSER									
MAXQTIME	CHAR	CPSM	8	No	DIFF	No	Maximum queue time	NO	0-9999	18
MAXQTIME Input/output valid values	NO									
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
NETWORKID	CHAR	CPSM	8	No	DIFF	No	Remote network ID			15
PORT	CHAR	CPSM	5	Yes	DIFF	No	Port number	NO	1-65535	13
PORT Input/output valid values	NO									
QUEUELIMIT	CHAR	CPSM	8	No	DIFF	No	Queue limit	NO	0-9999	17
QUEUELIMIT Input/output valid values	NO									
RECEIVECOUNT	CHAR	CPSM	3	Yes	DIFF	No	Receive count		1-999	26

Table 454. IPCONDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
SECURITYNAME	CHAR	CPSM	8	No	LIKE	No	Security name of the remote system			30
SENDCOUNT	CHAR	CPSM	3	Yes	DIFF	No	Send count		0-999	27
SSL	EYUDA	CPSM	4	Yes	LIKE	No	Secure sockets layer (SSL) type	NO		11
SSL Input/output valid values	YES, NO									
TCPIPSERVICE	CHAR	CPSM	8	Yes	DIFF	Yes	TCP/IP service			14
USERAUTH	CVDAS	CPSM	4	Yes	LIKE	No	Attach-time user security level	LOCAL		12
USERAUTH Input/output valid values	DEFAULTUSER, LOCAL, VERIFY, IDENTIFY									
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1			20
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2			21
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3			22
XLNACTION	EYUDA	CPSM	4	Yes	LIKE	No	Exchange lognames (XLN) action	KEEP		10
XLNACTION Input/output valid values	KEEP, FORCE									

IPCONN Resource Table

A CICS Resource that describes an IPIC connection in an active CICS system being managed by CICSPlex SM.

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

The following actions are supported:

ACQUIRE

Acquire the connection.

BACKOUT

Back out shunted units of work associated with the connection.

CANCEL

Cancel the connection.

COMMIT

Commit shunted units of work associated with the connection.

DISCARD

Discard the connection.

ENDAFFINITY

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

FORCE

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

FORCECANCEL

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

FORCEPURGE

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

INSERVICE

Place the connection in service.

KILL

Kill all transactions running on sessions on the connected system.

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

NORECOVDATA

Override the normal resynchronization process.

NOTPENDING

Set the connection not pending.

OUTSERVICE

Place the connection out of service.

PURGE

Purge the connection.

RELEASE

Release the connection.

RESYNC

Resynchronize shunted units of work associated with the connection.

These actions require no unique parameter data.

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

Note: The value returned by CICS conflicts with CVDA values in other CICS environments. In order to retain the attribute's uniqueness, CICSplex SM adds 9000 to the value returned by CICS.

External resource name**Length**

440

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0167

Table 455. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	ACQUIRE	None	N/A
	BACKOUT	None	N/A
	COMMIT	None	N/A
	CANCEL	None	N/A
	FORCE	None	N/A
	FORCECANCEL	None	N/A
	FORCEPURGE	None	N/A
	INSERVICE	None	N/A
	KILL	None	N/A
	NORECOVDATA	None	N/A
	NOTPENDING	None	N/A
	OUTSERVICE	None	N/A
	PURGE	None	N/A
	RELEASE	None	N/A
	RESYNC	None	N/A

Table 456. IPCONN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ALLCFAILLINK	BINARY	STAT	4	DIFF	No	Number of allocations failed on link		32
ALLCFAILOTH	BINARY	STAT	4	DIFF	No	Number of allocations failed for other reasons		33
APPLID	CHAR	INQ	8	DIFF	Yes	Remote application ID		2
AUTOCONNECT	CVDAS	INQ	4	LIKE	No	Autoconnect option		3
AUTOCONNECT Input/output valid values	AUTOCONN, NONAUTOCONN							
CERTIFICATE	CHAR	INQ	32	DIFF	No	Certificate		44
CIPHERS	CHAR	INQ	56	LIKE	No	SSL cipher suite codes		46
CONNSTATUS	CVDAS	INQ	4	LIKE	Yes	Connection status		4
CONNSTATUS Input/output valid values	ACQUIRED, FREEING, OBTAINING, RELEASED							

Table 456. IPCONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
CRECVSESS	BINARY	STAT	4	DIFF	No	Number of receive sessions in use		27
CSENDSSESS	BINARY	STAT	4	DIFF	No	Number of send sessions in use		25
CURRQUEUED	BINARY	STAT	4	DIFF	No	Current number of allocates queued		30
EXITALLCPUR	BINARY	STAT	4	DIFF	No	Number of XISQUE allocates purged		39
EXITALLCQPUR	BINARY	STAT	4	DIFF	No	Number of XISQUE allocation queue purges		38
EXITALLCREJ	BINARY	STAT	4	DIFF	No	Number of XISQUE allocate rejections		37
FSPCBYTEERCD	BINARY	STAT	8	DIFF	No	Number of PC function shipped bytes received		20
FSPCBYTESENT	BINARY	STAT	8	DIFF	No	Number of PC function shipped bytes sent		19
FSPGREQS	BINARY	STAT	4	DIFF	No	Number of PC function shipped requests		41
GMTCTIME	TIMESTP	STAT	8	MAX	No	GMT connection create time		23
GMTDTIME	TIMESTP	STAT	8	MAX	No	GMT connection delete time		24
HOST	CHAR	INQ	116	DIFF	Yes	Remote host name		5
LINKAUTH	CVDAS	INQ	4	LIKE	No	Link security		16
LINKAUTH Output valid values	SECUSER, CERTUSER							
LOCCTIME	TIMESTP	STAT	8	MAX	No	Local connection create time		21
LOCDDTIME	TIMESTP	STAT	8	MAX	No	Local connection delete time		22
MAXQTIME	BINARY	INQ	4	DIFF	No	Maximum queue time	NO	6
MQTALLPURG	BINARY	STAT	4	DIFF	No	Number of queue time allocates purged		36
MQTALLQPURG	BINARY	STAT	4	DIFF	No	Number of queue time allocation queue purges		35
NAME-1	CHAR	INQ	8	DIFF	Yes	IPIC connection ID		1
NETWORKID	CHAR	INQ	8	DIFF	No	Remote network ID		15
NUMCIPHERS	BINARY	INQ	2	LIKE	No	Number of SSL cipher suite codes		45
PEAKQUEUED	BINARY	STAT	4	DIFF	No	Number of peak queued session allocations		31
PENDSTATUS	CVDAS	INQ	4	LIKE	Yes	Pending status		7
PENDSTATUS Input/output valid values	PENDING, NOTPENDING							
PORT	BINARY	INQ	4	DIFF	No	Port number		8
PRECVSESS	BINARY	STAT	4	DIFF	No	Number of peak send sessions used		28
PSENDSSESS	BINARY	STAT	4	DIFF	No	Number of peak send sessions used		26
PURGETYPE	CVDAS	INQ	4	LIKE	Yes	Purge type		17
PURGETYPE Input/output valid values	CANCEL, FORCECANCEL, FORCEPURGE, KILL, PURGE							

Table 456. IPCONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
QLIMALLOCREJ	BINARY	STAT	4	DIFF	No	Number of queue limit allocate rejections		34
QUEUELIMIT	BINARY	INQ	4	DIFF	No	Queue limit		9
RECEIVECOUNT	BINARY	INQ	4	DIFF	No	Receive count		10
RECOVSTATUS	CVDAS	INQ	4	LIKE	Yes	Recovery status		11
RECOVSTATUS Input/output valid values	NORECOVDATA, NRS, RECOVDATA							
SECURITYNAME	CHAR	CPSM	8	DIFF	No	Security name of the remote system		47
SENDCOUNT	BINARY	INQ	4	DIFF	No	Send count		12
SERVSTATUS	CVDAS	INQ	4	LIKE	Yes	Service status		13
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE							
SSLTYPE	CVDAS	INQ	4	LIKE	No	Secure sockets layer (SSL) type		42
SSLTYPE Output valid values	SSL, NOSSL							
TCPIPSERVICE	CHAR	INQ	8	DIFF	Yes	TCP/IP service		14
TOTALLOC	BINARY	STAT	4	DIFF	No	Total number of session allocations		29
TRANSATTCH	BINARY	STAT	4	DIFF	No	Number of transactions attached		40
UOWACTION	CVDAS	INQ	4	LIKE	Yes	UOW Action		18
UOWACTION Input/output valid values	BACKOUT, COMMIT, FORCE, RESYNC							
USERAUTH	CVDAS	INQ	4	LIKE	No	Attach-time user security level		43
USERAUTH Output valid values	DEFAULTUSER, LOCAL, VERIFY, IDENTIFY							

IPFACIL Resource Table

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

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

The following actions are supported:

Get View an association between an IPIC connection definition and an active CICS task.

External resource name

Length
40

Usage API or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0171

Table 457. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 458. IPFACIL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
IPCONN	CHAR	INQ	8	DIFF	No	IP connection id	3
IPFACILTYPE	CVDAS	INQ	4	LIKE	No	IP facility type	4
IPFACILTYPE Input/output valid values	PRINCIPAL, ALTERNATE						
TASKID-1	DECIMAL	INQ	4	MIN	Yes	Associated task id	1
TOKEN-2	HEX	INQ	4	MIN	Yes	IP facility token	2

JRMINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a journal model definition (JRNMDEF) in a resource group (RESGROUP). A JRNMDEF can be a member of multiple RESGROUPS.

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6148

Table 459. Valid CPSM operations

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

Table 460. JRMINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 461. JRMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
JRNMDVER-3	BINARY	CPSM	1	Yes	AVG	Yes	Journal model definition version	7
JRNMGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
JRNNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	Journal model definition name	6

JRMINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name**Length**

32

Usage Batch Utility

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Definition

Copybook identifier
EYUt6147

Table 462. Valid CPSM operations

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

Table 463. JRNINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 464. JRNINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
JRNLRGRP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
JRNLRNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	Journal definition name	6
JRNLRVER-3	BINARY	CPSM	1	Yes	AVG	Yes	Journal definition version	7

JRNLRDEF Resource Table

A CICS Definition that describes a CICS system log or user journal.

The **Primary** key field for this resource class is NAME. Note that a journal ID can be only 2 characters long. The remainder of the 8-character NAME field should be padded with blank spaces.

External resource name

Length
192

Usage Batch Utility

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICS Definition

Copybook identifier
EYUt3802

Table 465. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value) RESGROUP(value)	No No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDTOGRP	RESGROUP(value)	Yes

Table 466. JRNLDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name

Table 467. JRNLEDF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ARCHSTATUS	CVDAS	CPSM	4	Yes	LIKE	No	Automatic archiving status	NOAUTOARCH		16
ARCHSTATUS Input/output valid values	AUTOARCH, NOAUTOARCH, REVERTED									
BUFFERSIZE	CHAR	CPSM	8	Yes	DIFF	No	I/O buffer size		512-32760	10
BUFSUV	CHAR	CPSM	8	No	DIFF	No	Buffer shiftup value	NO	1-32760	24
BUFSUV Input/output valid values	NO									
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed			1
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Definition create time			26
CRUCIAL	EYUDA	CPSM	4	Yes	LIKE	No	Perform action when I/O error occurs	NO		17
CRUCIAL Input/output valid values	YES, NO									
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Definition version	0	0-15	5
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Definition description			30
DEVADDR	CHAR	CPSM	4	No	DIFF	No	Device address	NO	0-255	23
DEVADDR Input/output valid values	NO									
EMRGNCYRSTR	EYUDA	CPSM	4	Yes	LIKE	No	Emergency restart data set	LRU		21
EMRGNCYRSTR Input/output valid values	LRU, EXTA									
INPUT	EYUDA	CPSM	4	Yes	LIKE	No	Input allowed	NO		20
INPUT Input/output valid values	YES, NO									
JOURNALTYPE	CVDAS	CPSM	4	Yes	LIKE	No	Journal type	DISK1		9
JOURNALTYPE Input/output valid values	SMF, TAPE1, TAPE2, DISK1, DISK2									

Table 467. JRNLDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
LABEL	EYUDA	CPSM	4	Yes	LIKE	No	Use standard user label tapes	NO		11
LABEL Input/output valid values	NO, STANDARD									
LAYOUT	EYUDA	CPSM	4	Yes	LIKE	No	Journal structure type	LINEAR		12
LAYOUT Input/output valid values	LINEAR, CYCLIC									
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Journal definition name			7
OPEN	EYUDA	CPSM	4	Yes	LIKE	No	Open time	INITIAL		13
OPEN Input/output valid values	INITIAL, DEFERRED									
OPENSTATUS	CVDAS	CPSM	4	Yes	LIKE	No	Open status	CLOSED		22
OPENSTATUS Input/output valid values	OPEN, CLOSED									
PAUSE	EYUDA	CPSM	4	Yes	LIKE	No	Operator authorization required	NO		19
PAUSE Input/output valid values	YES, NO									
RETRY	EYUDA	CPSM	4	Yes	LIKE	No	Retry I/O errors	NO		18
RETRY Input/output valid values	YES, NO									
RSL	CHAR	CPSM	4	No	DIFF	No	Resource security value	NO	1-24	25
RSL Input/output valid values	NO									
SYSWAIT	EYUDA	CPSM	4	Yes	LIKE	No	I/O initiate time	STARTIO		14
SYSWAIT Input/output valid values	STARTIO, ASIS									
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1			27
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2			28
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3			29
VOLCNT	CHAR	CPSM	4	No	DIFF	No	Number of tape volumes	2	2-255	15

JRNLMODL Resource Table

A CICS Resource that describes a journal model in an active system running the CICS TS for OS/390 and being managed by CICSplex SM.

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

The following action is supported:

DISCARD

Discard the journal model.

The DISCARD action requires no unique parameter data.

External resource name

Length

64

Usage

API

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0076

Table 468. Valid CPSM operations

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

Table 469. JRNLMODL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
JOURNALMODEL-1	CHAR	INQ	8	DIFF	Yes	Journal model name	1
JOURNALNAME	CHAR	INQ	8	DIFF	No	Journal name	2
STREAMNAME	CHAR	INQ	26	DIFF	No	MVS log stream name	4
TYPE	CVDAS	INQ	4	LIKE	No	Log stream type	3
TYPE Output valid values	MVS, SMF, DUMMY						

JRNLMNAME Resource Table

A CICS Resource that describes a journal in an active system running the CICS TS for OS/390 and being managed by CICSplex SM.

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

The following actions are supported:

DISCARD

Discard the journal name.

FLUSH

Write the log buffers out to the log stream.

RESET

Disconnect the journal from the log stream.

These actions require no unique parameter data.

External resource name

Length

80

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0077

Table 470. Valid CPSM operations

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

Table 471. JRNLMNAME resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
JOURNALNAME-1	CHAR	INQ	8	DIFF	Yes	Journal name	1

Table 471. JRNLNAME resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
NUMBUFLUSH	BINARY	STAT	4	SUM	No	Number of buffer flush requests	8
NUMBYTES	BINARY	STAT	8	AVG	No	Total number of bytes written	7
NUMWRITES	BINARY	STAT	4	SUM	No	Number of journal writes	6
STATUS	CVDAS	INQ	4	LIKE	Yes	Journal status	2
STATUS Input/output valid values	ENABLED, DISABLED						
STATUS Output valid values	FAILED						
STREAMNAME	CHAR	INQ	26	DIFF	No	MVS log stream name	4
TYPE	CVDAS	INQ	4	LIKE	No	Log stream type	3
TYPE Output valid values	MVS, SMF, DUMMY						

JRNMDEF Resource Table

A CICS Definition that describes a journal model, which is the association between a CICS journal name and the MVS system log streams or the SMF log.

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

The following actions are supported:

INSTALL

Install a Journal Model Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length

160

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3803

Table 472. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 472. Valid CPSM operations (continued)

GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES/NO)	No
		MODE(value)	No
		NOTIFY(NO/INACTIVE/RELEASE/IFULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET/RELATED/BOTH/NONE)	No
		RELATED(value)	No
		STATECHK(YES/NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 473. JRNMDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute

Table 473. JRNMDEF FEEDBACK error codes (continued)

47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED_SYSTEM	More than one related system
53	MISSING_RELATED_SYSTEM_IDENTIFIER	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 474. JRNMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			11
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15	5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	16
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			15
JOURNALNAME	CHAR	CPSM	8	Yes	DIFF	No	Journal name			8
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
STREAMNAME	CHAR	CPSM	26	No	DIFF	No	MVS log stream name			10
STREAMTYPE	CVDAS	CPSM	4	Yes	LIKE	No	Log stream type	MVS		9
STREAMTYPE Input/output valid values	MVS, SMF, DUMMY									
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1			12
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2			13
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3			14

JVMPOOL Resource Table

A CICS Resource that provides information about the pool of JVMs in the CICS address space.

The following actions are supported:

SET Set a CICS system attribute according to the new value you specify in an overtyp field.

DISABLE
Set the pool status to disabled.

ENABLE
Set the pool status to enabled.

FORCE

Terminate all tasks using JVMs in the pool by the CICS SET TASK FORCEPURGE mechanism.

PHASEOUT

Mark JVMs for deletion.

PURGE

Terminate all tasks using JVMs in the pool by the CICS SET TASK PURGE mechanism.

External resource name**Length**

1032

Usage API or EVALDEF**API view**

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0114

Table 475. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A
	PHASEOUT	JVMPROFILE(value)	No
	PURGE	JVMPROFILE(value)	No
	FORCEPURGE	JVMPROFILE(value)	No
	START	EXECKEY(CICSEXECKEYIUSER) YES EXECKEY)	Yes
		JVMCOUNT(value)	Yes
		JVMPROFILE(value)	Yes

Table 476. JVMPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
JVMLVL0TRACE	CHAR	INQ	240	DIFF	Yes	JVM LVL0 Trace control		15
JVMLVL1TRACE	CHAR	INQ	240	DIFF	Yes	JVM LVL1 Trace control		16
JVMLVL2TRACE	CHAR	INQ	240	DIFF	Yes	JVM LVL2 Trace control		17
JVMUSERTRACE	CHAR	INQ	240	DIFF	Yes	JVM USER Trace control		18

Table 476. JVMPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
PHASINGOUT	BINARY	INQ	4	AVG	No	Number of Java virtual machines (JVM) for removal		1
SJGCURRCACHE	BINARY	STAT	4	AVG	No	Current worker (class cache) JVMs		19
SJGCURRJVMS	BINARY	STAT	4	AVG	No	Number of current JVMs		8
SJGPEAKCACHE	BINARY	STAT	4	AVG	No	Peak worker (class cache) JVMs		20
SJGPEAKJVMS	BINARY	STAT	4	AVG	No	Peak number of JVMs		9
SJGREQSCACHE	BINARY	STAT	4	AVG	No	JVM requests - class cache		21
SJGREQSINIT	BINARY	STAT	4	AVG	No	Number of JVM requests with JVM initialised		12
SJGREQSMISMA	BINARY	STAT	4	AVG	No	Number of JVM requests with JVM mismatch		13
SJGREQSRESET	BINARY	STAT	4	AVG	No	Number of JVM requests with JVM reset	E650P20S	
SJGREQSREUSE	BINARY	STAT	4	AVG	No	Number of JVM requests with JVM reuse		11
SJGREQSTERMI	BINARY	STAT	4	AVG	No	Number of JVM requests with JVM terminated		14
SJGREQSTOTAL	BINARY	STAT	4	AVG	No	Total number of JVM program requests		10
STATUS	CVDAS	INQ	4	LIKE	Yes	Status of Java virtual machine (JVM) pool		2
STATUS Input/output valid values	ENABLED, DISABLED							
TOTAL	BINARY	INQ	4	AVG	No	Number of pre-initialized Java virtual machines		3

JVMPROF Resource Table

A CICS Resource that provides information about a JVM profile.

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

There are no object specific actions for this resource class.

External resource name

Length

384

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type
CICS Resource
Copybook identifier
EYUt0138

Table 477. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 478. JVMPROF resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
CCURPROFUSE	BINARY	STAT	4	AVG	No	Current JVM profile CICS key use count		11
CJVMDESTRSOS	BINARY	STAT	4	AVG	No	Times JVMs CICS key destroyed by 'SOS' action		27
CJVMHEAPHWM	BINARY	STAT	4	AVG	No	Nonsystem heap peak for CICS key JVMs		25
CJVMSUNRESET	BINARY	STAT	4	AVG	No	Number of CICS key JVMs not resettable	E650P10S	10S
CLASSCACHEST	CVDAS	INQ	4	LIKE	No	Class cache status		4
CLASSCACHEST Output valid values	CLASSCACHE, NOCLASSCACHE							
CLEHEAPHWM	BINARY	STAT	4	AVG	No	Peak Language Environment heap used (CICS key)		23
CMISMAVICTIM	BINARY	STAT	4	AVG	No	Number of times CICS key mismatch victim		21
CMISMSTEALER	BINARY	STAT	4	AVG	No	Number of times CICS key mismatch stealer		19
CNEWJVMSCRT	BINARY	STAT	4	AVG	No	New CICS key JVMs created		15
CPEAKPROFUSE	BINARY	STAT	4	AVG	No	Peak JVM profile CICS key use count		13
CPROFILEREQS	BINARY	STAT	4	AVG	No	JVM profile CICS key request count		9
CPROFXMXVALU	CHAR	STAT	8	DIFF	No	JVM profile CICS -Xmx value		29
HFSNAME	CHAR	INQ	255	DIFF	No	Full path name of the HFS file		2
NAME-1	CHAR	INQ	8	DIFF	Yes	Name as used in a program definition		1
REUSEST	CVDAS	INQ	4	LIKE	No	JVM reuse status		5
REUSEST Output valid values	REUSE, NOREUSE, RESET							
UCURPROFUSE	BINARY	STAT	4	AVG	No	Current JVM profile USER key use count		12
UJVMDESTRSOS	BINARY	STAT	4	AVG	No	Times JVMs USER key destroyed by 'SOS' action		28
UJVMHEAPHWM	BINARY	STAT	4	AVG	No	Nonsystem heap peak for user key JVMs		26
UJVMSUNRESET	BINARY	STAT	4	AVG	No	Number of USER key JVMs not resettable	E650P10S	10S
ULEHEAPHWM	BINARY	STAT	4	AVG	No	Peak Language Environment heap used (USER key)		24

Table 478. JVMPROF resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
UMISMAVICTIM	BINARY	STAT	4	AVG	No	Number of times USER key mismatch victim		22
UMISMSTEALER	BINARY	STAT	4	AVG	No	Number of times USER key mismatch stealer		20
UNEWJVMSCRT	BINARY	STAT	4	AVG	No	New USER key JVMs created		16
UPEAKPROFUSE	BINARY	STAT	4	AVG	No	Peak JVM profile USER key use count		14
UPROFILEREQS	BINARY	STAT	4	AVG	No	JVM profile USER key request count		10
UPROFXMXVALU	CHAR	STAT	8	DIFF	No	JVM profile USER -Xmx value		30

JVM Resource Table

A CICS Resource that provides information about a JVM.

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

There are no object specific actions for this resource class.

External resource name

Length

56

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0137

Table 479. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 480. JVM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	

Table 480. JVM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
AGE	BINARY	INQ	4	AVG	No	Number of seconds since the JVM was initialised	3
ALLOCAGE	BINARY	INQ	4	AVG	No	Number of seconds JVM has been allocated to task	6
CLASSCACHST	CVDAS	INQ	4	LIKE	No	Class cache status	7
CLASSCACHST Output valid values	CLASSCACHE, NOCLASSCACHE						
EXECKEY	CVDAS	INQ	4	LIKE	No	Execution key of the JVM	4
EXECKEY Output valid values	CICSEXECKEY, USEREXECKEY						
NAME-1	BINARY	INQ	4	DIFF	Yes	Java Virtual Machine	1
PHASINGOUTST	CVDAS	INQ	4	LIKE	No	Phasing out status	8
PHASINGOUTST Output valid values	PHASEOUT, NOPHASEOUT						
PROFILE	CHAR	INQ	8	DIFF	No	Profile used to initialise the JVM	2
REUSEST	CVDAS	INQ	4	LIKE	No	JVM reuse status	9
REUSEST Output valid values	REUSE, NOREUSE, RESET						
TASK	DECIMAL	INQ	4	AVG	No	Task to which the JVM is allocated	5

LIBDEF Resource Table

A CICS definition that describes a dynamic LIBRARY

The **Primary** key fields for this resource class are NAME.

The following actions are supported:

ADDTGRP

Add the LIBRARY to the resource group.

CREATE

Create a LIBRARY definition and add it to the data repository.

GET Get the LIBRARY definition.

INSTALL

Install a LIBRARY definition in an active system.

REMOVE

Remove a LIBRARY definition from the data repository.

UPDATE

Update a LIBRARY definition and add it to the data repository.

External resource name

Length

832

Usage API or Batch Utility

API view

No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICS Definition

Copybook identifier
EYUt3837

Table 481. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO)	No
		MODE(value)	No
		NOTIFY(NO INACTIVE RELEASE FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET RELATED BOTH NONE)	No
		RELATED(value)	No
		STATECHK(YESINO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTOGRP	RESGROUP(value)	Yes

Table 482. LIBDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets

Table 482. LIBDEF FEEDBACK error codes (continued)

33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 483. LIBDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			27
CRITICAL	EYUDA	CPSM	4	Yes	LIKE	No	Critical status	NO		8
CRITICAL Input/output valid values	YES, NO									
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15	5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	32
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			31
DSNAME01	CHAR	CPSM	44	Yes	DIFF	No	Data set name 01			11
DSNAME02	CHAR	CPSM	44	Yes	DIFF	No	Data set name 02			12
DSNAME03	CHAR	CPSM	44	Yes	DIFF	No	Data set name 03			13
DSNAME04	CHAR	CPSM	44	Yes	DIFF	No	Data set name 04			14
DSNAME05	CHAR	CPSM	44	Yes	DIFF	No	Data set name 05			15
DSNAME06	CHAR	CPSM	44	Yes	DIFF	No	Data set name 06			16
DSNAME07	CHAR	CPSM	44	Yes	DIFF	No	Data set name 07			17
DSNAME08	CHAR	CPSM	44	Yes	DIFF	No	Data set name 08			18

Table 483. LIBDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
DSNAME09	CHAR	CPSM	44	Yes	DIFF	No	Data set name 09			19
DSNAME10	CHAR	CPSM	44	Yes	DIFF	No	Data set name 10			20
DSNAME11	CHAR	CPSM	44	Yes	DIFF	No	Data set name 11			21
DSNAME12	CHAR	CPSM	44	Yes	DIFF	No	Data set name 12			22
DSNAME13	CHAR	CPSM	44	Yes	DIFF	No	Data set name 13			23
DSNAME14	CHAR	CPSM	44	Yes	DIFF	No	Data set name 14			24
DSNAME15	CHAR	CPSM	44	Yes	DIFF	No	Data set name 15			25
DSNAME16	CHAR	CPSM	44	Yes	DIFF	No	Data set name 16			26
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
RANKING	CHAR	CPSM	2	Yes	MIN	No	Ranking	'50'	1-99	10
STATUS	EYUDA	CPSM	4	Yes	LIKE	No	Enabled status	ENABLED		9
STATUS Input/output valid values	ENABLED, DISABLED									
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1			28
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2			29
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3			30

LIBDSN Resource Table

A CICS definition that describes the datasets that make up a LIBRARY concatenation.

The **Primary** key fields for this resource class are LIBRARY and DSNUM.

The following actions are supported:

GET Get the LIBRARY dataset definition.

External resource name

Length

88

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0173

Table 484. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 485. LIBDSN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
DSNAME	CHAR	INQ	44	DIFF	Yes	Data set name	3
DSNSEARCHPOS	CNUMERIC	CPSM	8	MAX	Yes	Data set search enumerator	6
DSNUM-2	BINARY	INQ	4	MAX	Yes	LIBRARY data set number	2
LIBRARY-1	CHAR	INQ	8	DIFF	Yes	LIBRARY name	1
SEARCHPOS	BINARY	INQ	4	MAX	Yes	Search position	7

LIBINGRP Resource Table

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

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

The following actions are supported:

GET Get the name of the LIBRARY.

CREATE

Create an association between a LIBRARY definition and a resource group.

REMOVE

Remove an association between a LIBRARY definition and a resource group, from the data repository

External resource name**Length**

32

Usage API or Batch Utility

API view

No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Definition

Copybook identifier
EYUt6182

Table 486. Valid CPSM operations

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

Table 487. LIBINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
LIBGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
LIBNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	Connection definition name	6
LIBVER-3	BINARY	CPSM	1	Yes	AVG	Yes	Connection definition version	7

LIBRARY Resource Table

A CICS Resource that describes a LIBRARY in an active system being managed by CICSplex SM

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

The following actions are supported:

DISABLE

Disable the LIBRARY.

DISCARD

Remove the installed LIBRARY.

ENABLE

Enable the LIBRARY.

GET Get the LIBRARY attributes.

SET Set the LIBRARY attributes.

These actions require no unique parameter data.

External resource name

Length

48

Usage API or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0172

Table 488. Valid CPSM operations

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

Table 489. LIBRARY resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CRITSTATUS	CVDAS	INQ	4	LIKE	Yes	Critical status	3
CRITSTATUS Input/output valid values	CRITICAL, NONCRITICAL						
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enable status	4
ENABLESTATUS Input/output valid values	DISABLED, ENABLED						
NAME-1	CHAR	INQ	8	DIFF	Yes	LIBRARY name	1
NUMDSNAMES	BINARY	INQ	4	SUM	Yes	Number of DSNAMEs	5
PGMLOADCNT	BINARY	INQ	4	SUM	Yes	Program load count	7
RANKING	BINARY	INQ	4	MIN	Yes	Ranking	2
SEARCHPOS	BINARY	INQ	4	MAX	Yes	Search position	6

LNKSMSCG Resource Table

A CPSM Topology Definition that describes the link between a CICS system group and a monitor specification (MONSPEC). LNKSMSCG objects are used to generate multiple implicit linkages of CICS systems that are members of the named system group to a MONSPEC.

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

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

External resource name

Length

24

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt5633

Table 490. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		FORCE	No
		NONE	No
		NULL	No
REMOVE		KEEP	Yes
		NONE	Yes
PERFORM SET	CHGSPEC	FORCE	Yes
		KEEP	Yes
		NAME	Yes
		NEW_SPECNAME(value)	Yes
		NULL	Yes

Table 491. LNKSMSCG FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Association already exists
6	SPEC_NOT_FOUND	Specification name not found	7	UNK_OLDSPEC	Unknown old specification name
8	UNK_NEWSPEC	Unknown new specification name	9	UNK_SPECNAME	Specification name does not exist

Table 491. LNKSMSCG FEEDBACK error codes (continued)

10	INV_OLDSPEC	Invalid old specification name	11	INV_NEWSPEC	Invalid new specification name
12	MISSING_QUE	Missing queue			

Table 492. LNKSMSCG resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
GROUP-2	CHAR	CPSM	8	Yes	DIFF	Yes	System group	6
SPEC-1	CHAR	CPSM	8	Yes	DIFF	Yes	Monitor specification	5

LNKSMSCS Resource Table

A CPSM Topology Definition that describes the link between a CICS system and a monitor specification (MONSPEC). LNKSMSCS objects can be created via an explicit reference to a CICS system or implicitly via a LNKSMSCG object.

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

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

For information about LNKSxSCS records see “Special attribute and resource table considerations” on page 5.

External resource name

Length

40

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt5634

Table 493. Valid CPSM operations

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

Table 493. Valid CPSM operations (continued)

REMOVE		None	N/A
PERFORM SET	CHGSPEC	NEW_SPECNAME(value)	Yes

Table 494. LNKSMSCS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Association already exists
6	SPEC_NOT_FOUND	Specification name not found	7	UNK_OLDSPEC	Unknown old specification name
8	UNK_NEWSPEC	Unknown new specification name	9	UNK_SPECNAME	Specification name does not exist
10	INV_OLDSPEC	Invalid old specification name	11	INV_NEWSPEC	Invalid new specification name
12	MISSING_QUE	Missing queue			

Table 495. LNKSMSCS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification		1
GROUP	CHAR	CPSM	8	No	DIFF	No	System group that MONSPEC was inherited from		8
LINK	EYUDA	CPSM	4	No	LIKE	No	Creation mode	EXPLICIT	7
LINK Input/output valid values	INHERIT, EXPLICIT								
SPEC-1	CHAR	CPSM	8	Yes	DIFF	Yes	Monitor specification		5
SYSTEM-2	CHAR	CPSM	8	Yes	DIFF	Yes	CICS system		6

LNKSRSCG Resource Table

A CPSM Topology Definition that describes the link between a CICS system group and an analysis specification (RTASPEC). LNKSRSCG objects are used to generate multiple implicit linkages of CICS systems that are members of the named system group to an RTASPEC.

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

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

External resource name

Length

24

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt5635

Table 496. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		FORCE	No
		NONE	No
		NULL	No
REMOVE		KEEP	Yes
		NONE	Yes
PERFORM SET	CHGSPEC	FORCE	Yes
		KEEP	Yes
		NAME	Yes
		NEW_SPECNAME(value)	Yes
		NULL	Yes

Table 497. LNKSRS CG FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Association already exists
6	SPEC_NOT_FOUND	Specification name not found	7	UNK_OLDSPEC	Unknown old specification name
8	UNK_NEWSPEC	Unknown new specification name	9	UNK_SPECNAME	Specification name does not exist
10	INV_OLDSPEC	Invalid old specification name	11	INV_NEWSPEC	Invalid new specification name
12	MISSING_QUE	Missing queue			

Table 498. LNKSRS CG resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
GROUP-2	CHAR	CPSM	8	Yes	DIFF	Yes	System group	6

Table 498. LNKSRSRSCG resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
SPEC-1	CHAR	CPSM	8	Yes	DIFF	Yes	RTA specification	5

LNKSRSRSCS Resource Table

A CPSM Topology Definition that describes the link between a CICS system and an analysis specification (RTASPEC). LNKSRSRSCS objects can be created via an explicit reference to a CICS system or implicitly via a LNKSRSRSCG object.

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

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

For information about LNKSxRSCS records see “Special attribute and resource table considerations” on page 5.

External resource name

Length

40

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt5636

Table 499. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A
PERFORM SET	CHGSPEC	NEW_SPECNAME(value)	Yes

Table 500. LNKSRSRSCS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found

Table 500. LNKSRSRCS FEEDBACK error codes (continued)

3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Association already exists
6	SPEC_NOT_FOUND	Specification name not found	7	UNK_OLDSPEC	Unknown old specification name
8	UNK_NEWSPEC	Unknown new specification name	9	UNK_SPECNAME	Specification name does not exist
10	INV_OLDSPEC	Invalid old specification name	11	INV_NEWSPEC	Invalid new specification name
12	MISSING_QUE	Missing queue			

Table 501. LNKSRSRCS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification		1
GROUP	CHAR	CPSM	8	No	DIFF	No	System group RTA specification was inherited from		8
LINK	EYUDA	CPSM	4	No	LIKE	No	Creation mode	EXPLICIT	7
LINK Input/output valid values	INHERIT, EXPLICIT								
SPEC-1	CHAR	CPSM	8	Yes	DIFF	Yes	RTA specification		5
SYSTEM-2	CHAR	CPSM	8	Yes	DIFF	Yes	CICS system		6

LNKSWSCG Resource Table

A CPSM Topology Definition that describes the link between a CICS system group and a workload specification (WLMSPEC). LNKSWSCG objects are used to generate multiple implicit linkages of CICS systems that are members of the named system group to a WLMSPEC. Only CICS systems that are to act as terminal owning regions (TORs) should be linked to a WLMSPEC.

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

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

External resource name

Length

24

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt5637

Table 502. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		FORCE	No
		NONE	No
		NULL	No
REMOVE		KEEP	Yes
		NONE	Yes
PERFORM SET	CHGSPEC	FORCE	Yes
		KEEP	Yes
		NAME	Yes
		NEW_SPECNAME(value)	Yes
		NULL	Yes

Table 503. LNKSWSCG FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Association already exists
6	SPEC_NOT_FOUND	Specification name not found	7	UNK_OLDSPEC	Unknown old specification name
8	UNK_NEWSPEC	Unknown new specification name	9	UNK_SPECNAME	Specification name does not exist
10	INV_OLDSPEC	Invalid old specification name	11	INV_NEWSPEC	Invalid new specification name
12	MISSING_QUE	Missing queue			

Table 504. LNKSWSCG resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
GROUP-2	CHAR	CPSM	8	Yes	DIFF	Yes	System group	6
SPEC-1	CHAR	CPSM	8	Yes	DIFF	Yes	WLM specification	5

LNKSWSCS Resource Table

A CPSM Topology Definition that describes the link between a CICS system and a workload specification (WLMSPEC). LNKSWSCS objects can be created via an explicit reference to a CICS system or implicitly via a LNKSWSCG object. Only CICS systems that are to act as terminal owning regions (TORs) should be linked to a WLMSPEC.

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

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

For information about LNKSwSCS records see “Special attribute and resource table considerations” on page 5.

External resource name

Length

40

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt5638

Table 505. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A
PERFORM SET	CHGSPEC	NEW_SPECNAME(value)	Yes

Table 506. LNKSWSCS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Association already exists

Table 506. LNKSWSGS FEEDBACK error codes (continued)

6	SPEC_NOT_FOUND	Specification name not found	7	UNK_OLDSPEC	Unknown old specification name
8	UNK_NEWSPEC	Unknown new specification name	9	UNK_SPECNAME	Specification name does not exist
10	INV_OLDSPEC	Invalid old specification name	11	INV_NEWSPEC	Invalid new specification name
12	MISSING_QUE	Missing queue			

Table 507. LNKSWSGS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification		1
GROUP	CHAR	CPSM	8	No	DIFF	No	System group WLM specification was inherited from		8
LINK	EYUDA	CPSM	4	No	LIKE	No	Creation mode	EXPLICIT	7
LINK Input/output valid values	INHERIT, EXPLICIT								
SPEC-1	CHAR	CPSM	8	Yes	DIFF	Yes	WLM specification		5
SYSTEM-2	CHAR	CPSM	8	Yes	DIFF	Yes	CICS system		6

LOADACT Resource Table

A CICS Resource that provides CICS loader activity by dynamic storage area in an active system being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

External resource name

Length

128

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0128

Table 508. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 509. LOADACT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ALOADTIME	INT16US	CPSM	4	AVG	No	Average program load time	21
ALOADWAIT	INT16US	CPSM	4	AVG	No	Average waiting time for program loads	24
ANIUQDSA	INTTSTP	CPSM	8	AVG	No	Average age on DSA Not-In-Use (NIU) queue	30
LDGDPSCR	BINARY	STAT	4	AVG	No	Number of programs removed from DSA by compression	18
LDGDPSCT	INTTSTP	STAT	8	AVG	No	Total time for DSA programs on Not-In-Use queue	20
LDGDREBS	BINARY	STAT	4	AVG	No	Number of successful load retries	13
LDGDSAINDEX-1	CHAR	CPSM	8	DIFF	Yes	DSA index	5
LDGHWMT	BINARY	STAT	4	AVG	No	Number of times loader waiting requests peaked	11
LDGLLR	BINARY	STAT	4	AVG	No	Number of library load requests	6
LDGLLT	INT16US	STAT	4	AVG	No	Total time taken for all program loads	7
LDGPROGNIU	BINARY	STAT	4	AVG	No	Number of programs on Not-In-Use (NIU) queue	16
LDGPUSES	BINARY	STAT	4	AVG	No	Number of program uses	8
LDGRECNUI	BINARY	STAT	4	AVG	No	Number of DSA reclaims from Not-In-Use (NIU) queue	17
LDGSTGNIU	BINARY	STAT	4	AVG	No	Size of DSA occupied by Not-In-Use (NIU) programs	15
LDGTTW	INT16US	STAT	4	AVG	No	Total time spent waiting for loader	12
LDGWLR	BINARY	STAT	4	AVG	No	Number of loader requests waiting	9
LDGWLRHW	BINARY	STAT	4	AVG	No	Peak number of waiting loader requests	10
LDGWTDLR	BINARY	STAT	4	AVG	No	Number of loader requests that waited	14
LOADRATE	RATE3	CPSM	8	AVG	No	Rate of program loading	27
PDSANIU	PERCENT3	CPSM	4	AVG	No	Percentage of DSA held by Not-In-Use programs	28
PLOADWAIT	PERCENT3	CPSM	4	AVG	No	Percentage of waits to program uses	25
PSTGNIU	PERCENT3	CPSM	4	AVG	No	Percentage Not-In-Use of DSAs above/below 16MB	29
TLOADWAIT	BINARY	CPSM	4	AVG	No	Total waiting time for program loads	22

LOADER Resource Table

A CICS Resource that provides CICS loader information in an active system being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

External resource name

Length

336

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0134

Table 510. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 511. LOADER resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
ALOADTIME	INT16US	CPSM	4	AVG	Average load time		45
ALOADWAIT	INT16US	CPSM	4	AVG	Average waiting time for program loads		48
ANIUQCDSA	INTTSTP	CPSM	8	AVG	Average age on CDSA Not-In-Use (NIU) queue		54
ANIUQCDSA	INTTSTP	CPSM	8	AVG	Average age on ECDSA Not-In-Use (NIU) queue		57
ANIUQRDSA	INTTSTP	CPSM	8	AVG	Average age on ERDSA Not-In-Use (NIU) queue		69
ANIUQESDSA	INTTSTP	CPSM	8	AVG	Average age on ESDSA Not-In-Use (NIU) queue		63
ANIUQRDSA	INTTSTP	CPSM	8	AVG	Average age on RDSA Not-In-Use (NIU) queue		66
ANIUQSDSA	INTTSTP	CPSM	8	AVG	Average age on SDSA Not-In-Use (NIU) queue		60
LDGDPSCRC	BINARY	STAT	4	AVG	Number of CDSA programs removed by compression		18
LDGDPSCREC	BINARY	STAT	4	AVG	Number of ECDSA programs removed by compression		23
LDGDPSCRER	BINARY	STAT	4	AVG	Number of ERDSA programs removed by compression		43
LDGDPSCRES	BINARY	STAT	4	AVG	Number of ESDSA programs removed by compression		33
LDGDPSCRER	BINARY	STAT	4	AVG	Number of RDSA programs removed by compression		38
LDGDPSCRS	BINARY	STAT	4	AVG	Number of SDSA programs removed by compression		28
LDGDPSCCTC	INTTSTP	STAT	8	AVG	Total time for CDSA programs on Not-In-Use queue		19

Table 511. LOADER resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
LDGDPSCTEC	INTTSTP	STAT	8	AVG	Total time for ECDSA programs on Not-In-Use queue		24
LDGDPSCTER	INTTSTP	STAT	8	AVG	Total time for ERDSA programs on Not-In-Use queue		44
LDGDPSCTES	INTTSTP	STAT	8	AVG	Total time for ESDSA programs on Not-In-Use queue		34
LDGDPSCTR	INTTSTP	STAT	8	AVG	Total time for RDSA programs on Not-In-Use queue		39
LDGDPSCTS	INTTSTP	STAT	8	AVG	Total time for SDSA programs on Not-In-Use queue		29
LDGDREBS	BINARY	STAT	4	AVG	Number of successful load retries		12
LDGHWMT	BINARY	STAT	4	AVG	Number of times waiting loader requests peaked		10
LDGLBSOU	BINARY	STAT	4	AVG	LIBRARY search order updates	E640	84
LDGLLR	BINARY	STAT	4	AVG	Number of LIBRARY load requests		5
LDGLLT	INT16US	STAT	4	AVG	Total time for all loads		6
LDGLSORT	BINARY	STAT	4	AVG	LIBRARY search order update time	E640	86
LDGLWSOU	BINARY	STAT	4	AVG	Load requests waited due to search order update	E640	85
LDGPROGNIUC	BINARY	STAT	4	AVG	Number of CDSA programs on Not-In-Use (NIU) queue		16
LDGPROGNIUEC	BINARY	STAT	4	AVG	Number of ECDSA programs on Not-In-Use (NIU) queue		21
LDGPROGNIUER	BINARY	STAT	4	AVG	Number of ERDSA programs on Not-In-Use (NIU) queue		41
LDGPROGNIUES	BINARY	STAT	4	AVG	Number of ESDSA programs on Not-In-Use (NIU) queue		31
LDGPROGNIUR	BINARY	STAT	4	AVG	Number of RDSA programs on Not-In-Use (NIU) queue		36
LDGPROGNIUS	BINARY	STAT	4	AVG	Number of SDSA programs on Not-In-Use (NIU) queue		26
LDGPUSES	BINARY	STAT	4	AVG	Number of program uses		7
LDGRECNIUC	BINARY	STAT	4	AVG	Number of CDSA reclaims from Not-In-Use queue		17
LDGRECNIUEC	BINARY	STAT	4	AVG	Number of ECDSA reclaims from Not-In-Use queue		22
LDGRECNIUER	BINARY	STAT	4	AVG	Number of ERDSA reclaims from Not-In-Use queue		42
LDGRECNIUES	BINARY	STAT	4	AVG	Number of ESDSA reclaims from Not-In-Use queue		32
LDGRECNIUR	BINARY	STAT	4	AVG	Number of RDSA reclaims from Not-In-Use queue		37
LDGRECNIUS	BINARY	STAT	4	AVG	Number of SDSA reclaims from Not-In-Use queue		27
LDGSTGNIUC	BINARY	STAT	4	AVG	Size of CDSA occupied by Not-In-Use (NIU) programs		15
LDGSTGNIUEC	BINARY	STAT	4	AVG	Size of ECDSA occupied by Not-In-Use programs		20
LDGSTGNIUER	BINARY	STAT	4	AVG	Size of ERDSA occupied by Not-In-Use programs		40
LDGSTGNIUES	BINARY	STAT	4	AVG	Size of ESDSA occupied by Not-In-Use programs		30
LDGSTGNIUR	BINARY	STAT	4	AVG	Size of RDSA occupied by Not-In-Use (NIU) programs		35
LDGSTGNIUS	BINARY	STAT	4	AVG	Size of SDSA occupied by Not-In-Use (NIU) programs		25
LDGTTW	INT16US	STAT	4	AVG	Total time spent waiting for loader		11
LDGWLR	BINARY	STAT	4	AVG	Number of loader requests waiting		8
LDGWLRHW	BINARY	STAT	4	AVG	Peak number of waiting loader requests		9
LDGWTDLR	BINARY	STAT	4	AVG	Number of loader requests that waited		13
LOADRATE	RATE3	CPSM	8	AVG	Rate of program loading		51
PCDSANIU	PERCENT3	CPSM	4	AVG	Percentage of CDSA held by Not-In-Use programs		52
PECDSANIU	PERCENT3	CPSM	4	AVG	Percentage of ECDSA held by Not-In-Use programs		55
PERDSANIU	PERCENT3	CPSM	4	AVG	Percentage of ERDSA held by Not-In-Use programs		67
PESDSANIU	PERCENT3	CPSM	4	AVG	Percentage of ESDSA held by Not-In-Use programs		61
PLOADWAIT	PERCENT3	CPSM	4	AVG	Percentage of waits to program uses		49
PRDSANIU	PERCENT3	CPSM	4	AVG	Percentage of RDSA held by Not-In-Use programs		64
PSDSANIU	PERCENT3	CPSM	4	AVG	Percentage of SDSA held by Not-In-Use programs		58
PSTGNIUC	PERCENT3	CPSM	4	AVG	Percentage Not-In-Use of DSAs below 16MB in CDSA		53

Table 511. LOADER resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
PSTGNIUEC	PERCENT3	CPSM	4	AVG	Percent Not-In-Use of DSAs above 16MB in ECDSA		56
PSTGNIUER	PERCENT3	CPSM	4	AVG	Percentage Not-In-Use of DSAs above 16MB in ERDSA		68
PSTGNIUES	PERCENT3	CPSM	4	AVG	Percent Not-In-Use of DSAs above 16MB in ESDSA		62
PSTGNIUR	PERCENT3	CPSM	4	AVG	Percentage Not-In-Use of DSAs below 16MB in RDSA		65
PSTGNIUS	PERCENT3	CPSM	4	AVG	Percentage Not-In-Use of DSAs below 16MB in SDSA		59
TLOADWAIT	BINARY	CPSM	4	AVG	Total waiting time for program loads		46

LOCFILE Resource Table

A CICS Resource that describes a local file in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

CLOSE

Close a local file.

The parameter data for the CLOSE action is:

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

where *cvda* is required and is one of the following valid CVDA values for the file busy condition:

```
WAIT
NOWAIT
FORCE
```

DISABLE

Disable a local file.

The parameter data for the DISABLE action is:

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

where *cvda* is required and is one of the following valid CVDA values for the file busy condition:

```
WAIT
NOWAIT
FORCE
```

DISCARD

Discard a local file.

ENABLE

Enable a local file.

OPEN

Open a local file.

External resource name

Length

304

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0009

Table 512. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	CLOSE	BUSY(WAITINOWAITIFORCE	Yes
	DISABLE	BUSY(WAITINOWAITIFORCE	Yes
	DISCARD	None	N/A
	ENABLE	None	N/A
	OPEN	None	N/A

Table 513. LOCFILE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ACCESSMETHOD	CVDAS	INQ	4	LIKE	No	Access method		2
ACCESSMETHOD Output valid values	VSAM, BDAM, DB2							
ADD	CVDAS	INQ	4	LIKE	Yes	Add option		3
ADD Input/output valid values	ADDABLE, NOTADDABLE							
ADDCNT	BINARY	STAT	4	AVG	No	Number of WRITE requests		33
BASEDSNAME	CHAR	INQ	44	DIFF	No	Base data set name		4
BLOCKFORMAT	CVDAS	INQ	4	LIKE	No	Block format (BDAM only)		5
BLOCKFORMAT Output valid values	BLOCKED, UNBLOCKED							
BLOCKKEYLN	CNUMERIC	INQ	4	MAX	No	Block key length (BDAM only)		6
BLOCKSIZE	CNUMERIC	INQ	4	MAX	No	Block size (BDAM only)		7
BROWSE	CVDAS	INQ	4	LIKE	Yes	Browse option		8
BROWSE Input/output valid values	BROWSABLE, NOTBROWSABLE							
BROWSECNT	BINARY	STAT	4	AVG	No	The number of READNEXT and READPREV requests		32
BROWUPDCNT	BINARY	STAT	4	AVG	No	Number of browse for update requests		50

Table 513. LOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
DATASETTYPE	CHAR	STAT	1	DIFF	No	Data set type		48
DELETE	CVDAS	INQ	4	LIKE	Yes	Delete option		9
DELETE Input/output valid values	DELETABLE, NOTDELETABLE							
DEXPCNT	BINARY	STAT	4	AVG	No	Number of I/O operations for data records		36
DISPOSITION	CVDAS	INQ	4	LIKE	Yes	Disposition of file		10
DISPOSITION Input/output valid values	OLD, SHARE							
DSNAME	CHAR	INQ	44	DIFF	Yes	Data set name		11
EMPTYSTATUS	CVDAS	INQ	4	LIKE	Yes	Empty status		12
EMPTYSTATUS Input/output valid values	EMPTYREQ, NOEMPTYREQ							
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enablement status		13
ENABLESTATUS Input/output valid values	ENABLED, DISABLED							
ENABLESTATUS Output valid values	DISABLING, UNENABLED, UNENABLING							
EXCLUSIVE	CVDAS	INQ	4	LIKE	Yes	BDAM exclusive control status		14
EXCLUSIVE Input/output valid values	EXCTL, NOEXCTL, NOTAPPLIC							
FILE-1	CHAR	INQ	8	DIFF	Yes	File ID		1
FWDRECSTATUS	CVDAS	INQ	4	LIKE	No	Forward recovery option		15
FWDRECSTATUS Output valid values	FWDRECOVABLE, NOTFWDRCVBLE							
GETCNT	BINARY	STAT	4	AVG	No	Number of READ requests		30
GETUPDCNT	BINARY	STAT	4	AVG	No	Number of READ UPDATE requests		31
GMTFILECLS	TIMESTP	STAT	8	MAX	No	GMT file close time		46
GMTFILEOPN	TIMESTP	STAT	8	MAX	No	GMT file open time		45
IEXPCNT	BINARY	STAT	4	AVG	No	Number of I/O operations against index component		37
JOURNALNUM	BINARY	INQ	2	AVG	No	Journal number		39
KEYLENGTH	BINARY	INQ	4	AVG	No	Key length		16
KEYPOSITION	BINARY	INQ	4	AVG	No	Key position		17
LOCDELNT	BINARY	STAT	4	AVG	No	Number of DELETE requests		35
LSRPOOLID	CHAR	INQ	2	DIFF	Yes	Local shared resources pool ID		41
NUMACTSTRING	BINARY	STAT	2	AVG	No	Number of active strings		44
NUMDATBUFF	BINARY	STAT	2	AVG	No	Number of data buffers		42
NUMINDEXBUFF	BINARY	STAT	2	AVG	No	Number of index buffers		43
NUMSTRINGWT	BINARY	STAT	2	AVG	No	Current number of string waits		47
OBJECT	CVDAS	INQ	4	LIKE	No	Data set type (base or path)		18
OBJECT Output valid values	BASE, PATH							
OPENSTATUS	CVDAS	INQ	4	LIKE	Yes	Open status		19

Table 513. LOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
OPENSTATUS Input/output valid values	OPEN, CLOSED							
OPENSTATUS Output valid values	OPENING, CLOSING, CLOSEREQUEST							
RBATYPE	CVDAS	INQ	4	LIKE	No	Type of VSAM extended addressing	E640	54
RBATYPE Output valid values	EXTENDED, NOTEXTENDED, NOTAPPLIC							
READ	CVDAS	INQ	4	LIKE	Yes	Read option		20
READ Input/output valid values	READABLE, NOTREADABLE							
READINTEG	CVDAS	INQ	4	LIKE	Yes	Default level of read integrity		51
READINTEG Input/output valid values	UNCOMMITTED, CONSISTENT, REPEATABLE							
READINTEG Output valid values	NOTAPPLIC							
RECORDFORMAT	CVDAS	INQ	4	LIKE	No	Record format		21
RECORDFORMAT Output valid values	FIXED, VARIABLE, UNDEFINED							
RECORDSIZE	BINARY	INQ	4	AVG	No	Record size		22
RECOVSTATUS	CVDAS	INQ	4	LIKE	No	Recovery status		23
RECOVSTATUS Output valid values	RECOVERABLE, NOTRECOVERABLE							
RELTYPE	CVDAS	INQ	4	LIKE	No	Relative addressing type (BDAM only)		24
RELTYPE Output valid values	HEX, DEC, BLK, NOTAPPLIC							
RLSACCESS	CVDAS	INQ	4	LIKE	Yes	Record level sharing (RLS) file access mode		52
RLSACCESS Input/output valid values	RLS, NOTRLS							
RLSACCESS Output valid values	NOTAPPLIC							
RLSREQWTO	BINARY	STAT	4	AVG	No	Record level sharing (RLS) request wait timeouts		53
STRINGS	CNUMERIC	INQ	4	MAX	Yes	Number of strings		25
TIMECLOSE	DECTSTP	STAT	4	MAX	No	Local time file was closed		29
TIMEOPEN	DECTSTP	STAT	4	MAX	No	Local time file was opened		28
UPDATE	CVDAS	INQ	4	LIKE	Yes	Update option		27
UPDATE Input/output valid values	UPDATABLE, NOTUPDATABLE							
UPDATECNT	BINARY	STAT	4	AVG	No	Number of REWRITE requests		34
VSAMTYPE	CVDAS	INQ	4	LIKE	No	Type of VSAM data set		26
VSAMTYPE Output valid values	ESDS, KSIDS, RRDS, VRRDS							
WSTRCCURCNT	BINARY	STAT	2	AVG	No	Peak number of tasks waiting for a string		40

Table 513. LOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
WSTRCNT	BINARY	STAT	4	AVG	No	Total requests queued because all strings in use		38

LOCTRAN Resource Table

A CICS Resource that describes a local transaction in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

DISABLE

Disable a local transaction.

DISCARD

Discard a local transaction.

ENABLE

Enable a local transaction.

These actions require no unique parameter data.

External resource name

Length

232

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0022

Table 514. Valid CPSM operations

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

Table 515. LOCTRAN FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid			

Table 516. LOCTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ACTMISMATS	BINARY	STAT	4	AVG	No	Number of indoubt action mismatches detected		43
BREXIT	CHAR	INQ	8	DIFF	No	Bridge exit program name		45
CMDSEC	CVDAS	INQ	4	LIKE	No	Command level security option		2
CMDSEC Output valid values	CMDSECNO, CMDSECYES							
DTB	CVDAS	INQ	4	LIKE	No	Dynamic transaction backout option	E510P	35
DTB Output valid values	WAIT, COMMIT, BACKOUT							
DTIMEOUT	BINARY	INQ	4	AVG	No	Deadlock timeout (seconds)		4
DUMPING	CVDAS	INQ	4	LIKE	Yes	Transaction dump option		5
DUMPING Input/output valid values	TRANDDUMP, NOTRANDUMP							
FACILITYLIKE	CHAR	INQ	4	DIFF	No	Model for virtual terminal		44
FORACTINDTO	BINARY	STAT	4	AVG	No	Forced actions - in-doubt timeout value exceeded		39
FORACTNOWT	BINARY	STAT	4	AVG	No	Forced actions - wait not supported for resources		40
FORACTOPER	BINARY	STAT	4	AVG	No	Forced actions - operator cancelled wait		41
FORACTOTHER	BINARY	STAT	4	AVG	No	Forced actions - other reasons		42
FORACTTRNDF	BINARY	STAT	4	AVG	No	Forced actions - in-doubt waiting not supported		38
INDOUBT	CVDAS	INQ	4	LIKE	No	Transaction in-doubt option		35
INDOUBT Output valid values	BACKOUT, COMMIT							
INDOUBTMIN	BINARY	INQ	4	AVG	No	In-doubt time (minutes)		36
INDOUBTWAIT	CVDAS	INQ	4	LIKE	No	In-doubt wait option		34
INDOUBTWAIT Output valid values	WAIT, NOWAIT							
ISOLATEST	CVDAS	INQ	4	LIKE	No	Transaction isolation type		25
ISOLATEST Output valid values	ISOLATE, NOISOLATE							
LOCALCNT	BINARY	STAT	4	SUM	No	Number of times transaction run locally by DTR		15
NUMINDOUBWT	BINARY	STAT	4	AVG	No	Number of in-doubt waits		37
OTSTIMEOUT	BINARY	INQ	4	AVG	No	Object transaction service (OTS) timeout (seconds)		47
PRIORITY	BINARY	INQ	4	AVG	Yes	Transaction priority		6

Table 516. LOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
PROFILE	CHAR	INQ	8	DIFF	No	Transaction profile		17
PROGRAM	CHAR	INQ	8	DIFF	No	First program name		7
PURGEABILITY	CVDAS	INQ	4	LIKE	Yes	Purgeability option		8
PURGEABILITY Input/output valid values	PURGEABLE, NOTPURGEABLE							
REMOTECNT	BINARY	STAT	4	SUM	No	Number of times transaction run remotely by DTR		23
REMOTENAME	CHAR	INQ	8	DIFF	No	Remote transaction name		31
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name		32
REMSTARTCNT	BINARY	STAT	4	SUM	No	Number of attempted starts on remote system		24
RESSEC	CVDAS	INQ	4	LIKE	No	Resource level security status		18
RESSEC Output valid values	RESSECNO, RESSECYES							
RESTARTCNT	BINARY	STAT	4	SUM	No	Number of times transaction restarted		22
ROUTESTATUS	CVDAS	INQ	4	LIKE	No	Route status		46
ROUTESTATUS Output valid values	ROUTABLE, NOTROUTABLE							
ROUTING	CVDAS	INQ	4	LIKE	No	Routing type		21
ROUTING Output valid values	DYNAMIC, STATIC							
RTIMEOUT	BINARY	INQ	4	AVG	No	Read timeout (seconds)		9
RUNAWAY	BINARY	INQ	4	AVG	Yes	Runaway time (milliseconds)		26
RUNAWAYTYPE	CVDAS	INQ	4	LIKE	Yes	Source of runaway timeout value		27
RUNAWAYTYPE Input/output valid values	SYSTEM, USER							
SCRNSIZE	CVDAS	INQ	4	LIKE	No	Screen size		10
SCRNSIZE Output valid values	DEFAULT, ALTERNATE							
SHUTDOWN	CVDAS	INQ	4	LIKE	Yes	Shutdown run status		28
SHUTDOWN Input/output valid values	SHUTDISABLED, SHUTENABLED							
STATUS	CVDAS	INQ	4	LIKE	Yes	Enabled status		11
STATUS Input/output valid values	ENABLED, DISABLED							
STGVCNT	BINARY	STAT	4	SUM	No	Number of storage violations		16
STORAGECLEAR	CVDAS	INQ	4	LIKE	No	Storage clearance status		29
STORAGECLEAR Output valid values	CLEAR, NOCLEAR							
TASKDATAKEY	CVDAS	INQ	4	LIKE	No	Task data key		20
TASKDATAKEY Output valid values	CICSDATAKEY, USERDATAKEY							
TASKDATALOC	CVDAS	INQ	4	LIKE	No	Task data location		19
TASKDATALOC Output valid values	BELOW, ANY							

Table 516. LOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TRACING	CVDAS	INQ	4	LIKE	Yes	Tracing type		12
TRACING Input/output valid values	SPECTRACE, STANTRACE, SPRSTRACE							
TRANCLASS	CHAR	INQ	8	DIFF	Yes	Transaction class name		30
TRANID-1	CHAR	INQ	4	DIFF	Yes	Transaction ID		1
TRPROF	CHAR	INQ	8	DIFF	No	Transaction routing profile		33
TWASIZE	BINARY	INQ	4	AVG	No	Size in bytes of transaction work area (TWA)		13
USECOUNT	BINARY	STAT	4	SUM	No	Number of times transaction used		14

LSRDEF Resource Table

A CICS Definition that describes a local shared resource (LSR) pool for use by CICS files.

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

The following actions are supported:

INSTALL

Install an LSR Pool Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length

440

Usage

API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3804

Table 517. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value) RESGROUP(value)	No No
CREATE		RESGROUP(value)	No

Table 517. Valid CPSM operations (continued)

UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES/NO)	No
		MODE(value)	No
		NOTIFY(NO/INACTIVE/RELEASE/IFULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET/RELATED/BOTH/NONE)	No
		RELATED(value)	No
		STATECHK(YES/NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 518. LSRDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict

Table 518. LSRDEF FEEDBACK error codes (continued)

51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED_SYSTEMS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 519. LSRDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			50
DATA12K	CHAR	CPSM	8	No	DIFF	No	Number of 12 KB data buffers		3-32767	17
DATA16K	CHAR	CPSM	8	No	DIFF	No	Number of 16 KB data buffers		3-32767	18
DATA1K	CHAR	CPSM	8	No	DIFF	No	Number of 1 KB data buffers		3-32767	13
DATA20K	CHAR	CPSM	8	No	DIFF	No	Number of 20 KB data buffers		3-32767	19
DATA24K	CHAR	CPSM	8	No	DIFF	No	Number of 24 KB data buffers		3-32767	20
DATA28K	CHAR	CPSM	8	No	DIFF	No	Number of 28 KB data buffers		3-32767	21
DATA2K	CHAR	CPSM	8	No	DIFF	No	Number of 2 KB data buffers		3-32767	14
DATA32K	CHAR	CPSM	8	No	DIFF	No	Number of 32 KB data buffers		3-32767	22
DATA4K	CHAR	CPSM	8	No	DIFF	No	Number of 4 KB data buffers		3-32767	15
DATA512	CHAR	CPSM	8	No	DIFF	No	Number of 512-byte data buffers		3-32767	12
DATA8K	CHAR	CPSM	8	No	DIFF	No	Number of 8 KB data buffers		3-32767	16
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15	5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	55
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			54
HSDATA12K	CHAR	CPSM	8	No	DIFF	No	Number of 12 KB Hiperspace data buffers		0-16777215	36

Table 519. LSRDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
HSDATA16K	CHAR	CPSM	8	No	DIFF	No	Number of 16 KB Hiperspace data buffers		0-16777215	37
HSDATA20K	CHAR	CPSM	8	No	DIFF	No	Number of 20 KB Hiperspace data buffers		0-16777215	38
HSDATA24K	CHAR	CPSM	8	No	DIFF	No	Number of 24 KB Hiperspace data buffers		0-16777215	39
HSDATA28K	CHAR	CPSM	8	No	DIFF	No	Number of 28 KB Hiperspace data buffers		0-16777215	40
HSDATA32K	CHAR	CPSM	8	No	DIFF	No	Number of 32 KB Hiperspace data buffers		0-16777215	41
HSDATA4K	CHAR	CPSM	8	No	DIFF	No	Number of 4 KB Hiperspace data buffers		0-16777215	34
HSDATA8K	CHAR	CPSM	8	No	DIFF	No	Number of 8 KB Hiperspace data buffers		0-16777215	35
HSINDEX12K	CHAR	CPSM	8	No	DIFF	No	Number of 12 KB Hiperspace index buffers		0-16777215	44
HSINDEX16K	CHAR	CPSM	8	No	DIFF	No	Number of 16 KB Hiperspace index buffers		0-16777215	45
HSINDEX20K	CHAR	CPSM	8	No	DIFF	No	Number of 20 KB Hiperspace index buffers		0-16777215	46
HSINDEX24K	CHAR	CPSM	8	No	DIFF	No	Number of 24 KB Hiperspace index buffers		0-16777215	47
HSINDEX28K	CHAR	CPSM	8	No	DIFF	No	Number of 28 KB Hiperspace index buffers		0-16777215	48
HSINDEX32K	CHAR	CPSM	8	No	DIFF	No	Number of 32 KB Hiperspace index buffers		0-16777215	49

Table 519. LSRDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
HSINDEX4K	CHAR	CPSM	8	No	DIFF	No	Number of 4 KB Hiperspace index buffers		0-16777215	42
HSINDEX8K	CHAR	CPSM	8	No	DIFF	No	Number of 8 KB Hiperspace index buffers		0-16777215	43
INDEX12K	CHAR	CPSM	8	No	DIFF	No	Number of 12 KB index buffers		3-32767	28
INDEX16K	CHAR	CPSM	8	No	DIFF	No	Number of 16 KB index buffers		3-32767	29
INDEX1K	CHAR	CPSM	8	No	DIFF	No	Number of 1 KB index buffers		3-32767	24
INDEX20K	CHAR	CPSM	8	No	DIFF	No	Number of 20 KB index buffers		3-32767	30
INDEX24K	CHAR	CPSM	8	No	DIFF	No	Number of 24 KB index buffers		3-32767	31
INDEX28K	CHAR	CPSM	8	No	DIFF	No	Number of 28 KB index buffers		3-32767	32
INDEX2K	CHAR	CPSM	8	No	DIFF	No	Number of 2 KB index buffers		3-32767	25
INDEX32K	CHAR	CPSM	8	No	DIFF	No	Number of 32 KB index buffers		3-32767	33
INDEX4K	CHAR	CPSM	8	No	DIFF	No	Number of 4 KB index buffers		3-32767	26
INDEX512	CHAR	CPSM	8	No	DIFF	No	Number of 512-byte index buffers		3-32767	23
INDEX8K	CHAR	CPSM	8	No	DIFF	No	Number of 8 KB index buffers		3-32767	27
LSRPOOLID	CHAR	CPSM	4	No	DIFF	No	LSR pool ID	1	1-8	8
MAXKEYLENGTH	CHAR	CPSM	4	No	DIFF	No	Maximum key length		0-255	9
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
SHARELIMIT	CHAR	CPSM	4	No	DIFF	No	Resource share limit	50	1-100	10

Table 519. LSRDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
STRINGS	CHAR	CPSM	4	No	DIFF	No	Maximum number of file strings in pool		1-255	11
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1			51
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2			52
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3			53

LSRINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of an LSR pool definition (LSRDEF) in a resource group (RESGROUP). An LSRDEF can be a member of multiple RESGROUPs.

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6149

Table 520. Valid CPSM operations

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

Table 521. LSRINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 521. LSRINGRP FEEDBACK error codes (continued)

1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 522. LSRINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
LSRGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
LSRNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	LSR pool definition name	6
LSRVER-3	BINARY	CPSM	1	Yes	AVG	Yes	LSR pool definition version	7

LSRPBUF Resource Table

A CICS Resource that describes a local shared resources buffer pool in an active CICS system being managed by CICSplex SM. An instance of LSRPBUF exists for each defined buffer size in the LSR pool.

While the LSRPBUF resource class identifies multiple key attributes, only the LSRPOOLID portion of the key can be specified in an EVALDEF INSTANCE attribute.

There are no object specific actions for this resource class.

External resource name

Length

80

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0036

Table 523. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 524. LSRPBUF resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
COUNT	BINARY	STAT	2	AVG	No	Number of buffers	11
CREADS	BINARY	STAT	4	AVG	No	Number of successful CREAD requests	7
CWRITES	BINARY	STAT	4	AVG	No	Number of successful CWRITE requests	8
FAILCREADS	BINARY	STAT	4	AVG	No	Number of failed CREAD requests	9
FAILCWRITES	BINARY	STAT	4	AVG	No	Number of failed CWRITE requests	10
HIPERBUFF	BINARY	STAT	4	AVG	No	Number of Hiperspace buffers	2
LOOKASIDES	BINARY	STAT	4	AVG	No	Number of lookaside buffer reads	3
NONUWRITE	BINARY	STAT	4	AVG	No	Number of non user-initiated buffer writes	6
POOL	BINARY	STAT	1	MAX	No	Pool number	15
POOLSIZE-1	CHAR	STAT	8	DIFF	Yes	Pool ID, buffer size and buffer type	1
READS	BINARY	STAT	4	AVG	No	Number of buffer reads	4
SIZE	BINARY	STAT	4	SUM	No	Buffer size	13
TYPE	EYUDA	INQ	4	LIKE	No	Buffer usage	14
TYPE Output valid values	DATA, INDEX, BOTH						
USERIWRITE	BINARY	STAT	4	AVG	No	Number of user-initiated buffer writes	5

LSRPOOL Resource Table

A CICS Resource that describes a local shared resources pool in an active CICS system being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

External resource name

Length

136

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type
CICS Resource
Copybook identifier
EYUt0035

Table 525. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 526. LSRPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CREATETIME	DECTSTP	STAT	4	MAX	No	Local create time	1
DBLOOKASIDE	BINARY	STAT	4	AVG	No	Number of successful lookasides to data buffers	10
DBNUWRITE	BINARY	STAT	4	AVG	No	Number of non user-initiated data buffer writes	13
DBREAD	BINARY	STAT	4	AVG	No	Number of read I/Os to data buffers	11
DBUFFCNT	BINARY	STAT	4	AVG	No	Number of data buffers	8
DBUIWRITE	BINARY	STAT	4	AVG	No	Number of user-initiated data buffer writes	12
DCREAD	BINARY	STAT	4	AVG	No	Number of successful data buffer CREAD requests	14
DCWRITE	BINARY	STAT	4	AVG	No	Number of successful data buffer CWRITE requests	15
DELETETIME	DECTSTP	STAT	4	MAX	No	Local delete time	2
DFAILCREAD	BINARY	STAT	4	AVG	No	Number of failed data buffer CREAD requests	16
DFAILCWRITE	BINARY	STAT	4	AVG	No	Number of failed data buffer CWRITE requests	17
DHIPERBUF	BINARY	STAT	4	AVG	No	Number of Hiperspace data buffers	9
GMTCRETIME	TIMESTP	STAT	8	MAX	No	GMT create time	31
GMTDELTIME	TIMESTP	STAT	8	MAX	No	GMT delete time	32
IBLOOKASIDE	BINARY	STAT	4	AVG	No	Number of lookaside index buffer reads	20
IBNUWRITE	BINARY	STAT	4	AVG	No	Number of non user-initiated index buffer writes	23
IBREADS	BINARY	STAT	4	AVG	No	Total number of index buffer reads	21
IBUFFCNT	BINARY	STAT	4	AVG	No	Number of index buffers	18
IBUIWRITE	BINARY	STAT	4	AVG	No	Number of user-initiated index buffer writes	22
ICREAD	BINARY	STAT	4	AVG	No	Number of successful index buffer CREAD requests	24
ICWRITE	BINARY	STAT	4	AVG	No	Number of successful index buffer CWRITE requests	25
IDHIPERBUF	BINARY	STAT	4	AVG	No	Number of Hiperspace index buffers	19
IDXDATFLG	BIT	STAT	1	LIKE	No	Separate data and index flag	29
IFAILCREAD	BINARY	STAT	4	AVG	No	Number of failed index buffer CREAD requests	26
IFAILCWRITE	BINARY	STAT	4	AVG	No	Number of failed index buffer CWRITE requests	27

Table 526. LSRPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
LSRPOOLID-1	CHAR	STAT	2	DIFF	Yes	LSR pool ID	28
MAXCCURSTR	BINARY	STAT	2	AVG	No	Peak number of concurrent active strings	6
MAXKEYLEN	BINARY	STAT	2	AVG	No	Maximum key length	3
PEAKWAITREQ	BINARY	STAT	2	AVG	No	Peak number of requests waiting	5
TOTSTRINGS	BINARY	STAT	2	AVG	No	Total number of strings	4
TOTWAITREQ	BINARY	STAT	4	AVG	No	Total number of string waits	7

MAPDEF Resource Table

A CICS Definition that describes a map set, which is a group of related screen layouts or maps.

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

The following actions are supported:

INSTALL

Install a Map Set Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length

144

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3805

Table 527. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value) RESGROUP(value)	No No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO) MODE(value)	No No

Table 527. Valid CPSM operations (continued)

	NOTIFY(NO INACTIVE RELEASE FULL)	
	OVERRIDE	No
	OVERTYPE(TARGET RELATED BOTH NONE)	
	RELATED(value)	No
	STATECHK(YES NO)	No
	TARGET(value)	Yes
	USAGE(LOCAL)	Yes
ADDTOGRP	RESGROUP(value)	Yes

Table 528. MAPDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 529. MAPDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				13
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	0-99999999		18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				17
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	No	Residence status	NO			8
RESIDENT Input/output valid values	YES, NO										
RSL	CHAR	CPSM	8	No	DIFF	No	Resource security value	0	0-24	E330P10S	10S
RSL Input/output valid values	PUBLIC										
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Map set status	ENABLED			9
STATUS Input/output valid values	ENABLED, DISABLED										
USAGE	EYUDA	CPSM	4	Yes	LIKE	No	Map set storage release	NORMAL			10
USAGE Input/output valid values	NORMAL, TRANSIENT										
USELPACOPY	EYUDA	CPSM	4	Yes	LIKE	No	Use map set from link pack area (LPA) option	NO			11
USELPACOPY Input/output valid values	YES, NO										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				14
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				15
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				16

MAPINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6150

Table 530. Valid CPSM operations

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

Table 531. MAPINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 532. MAPINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
MAPGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
MAPNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	Map set definition name	6
MAPVER-3	BINARY	CPSM	1	Yes	AVG	Yes	Map set definition version	7

MAS Resource Table

A CPSM Topology Manager object that describes the attributes of a managed application system. A MAS is the run-time representation of a CICS system definition. MAS objects can be referenced even if the CICS system is not active.

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

The CICSNAME attribute key field is ignored when named in an EVALDEF. The object instances returned are a function of the current scope in effect when the request is made.

When the EVALDEF is used by MRM, the scope is that of the CICS system for which the RTADEF is being installed.

When the EVALDEF is used by APM, the scope is that established when the RTADEF was associated with the APSPEC.

The following action is supported:

STOP Terminate the CICSplex SM MAS agent component.

The STOP action requires no unique parameter data.

External resource name

Length

304

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2443

Table 533. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 533. Valid CPSM operations (continued)

GET		None	N/A
SET		None	N/A
PERFORM SET	STOP	None	N/A
	STOPUNCON	None	N/A
	FORCEDISCON	None	N/A
	CPSMDUMP	BAS	No
		CHE	No
		COM	No
		DAT	No
		KNL	No
		MAS	No
		MON	No
		MSG	No
		QUE	No
		RTA	No
		SIM	No
		SLM	No
		SRV	No
		TOP	No
		TRC	No
		WLM	No

Table 534. MAS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	21	MONSPEC_MISSING	Monitor specification missing
22	RTASPEC_MISSING	RTA specification missing	23	WLMSPEC_MISSING	WLM specification missing
24	TOR_PARTICIPANT	TOR participant	25	UNCON_REQUIRED	Issue StopUncon before ForceDiscon

Table 535. MAS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ACTVTIME	CHAR	CPSM	8	DIFF	Yes	Period definition name	51
AINSFALL	EYUDA	CPSM	4	LIKE	Yes	Autoinstall failure action	58
AINSFALL Input/output valid values	CONTINUE, PROMPT, SHUTDOWN, TERMINATE						
AUTOINST	EYUDA	CPSM	4	LIKE	Yes	Autoinstall request type	57
AUTOINST Input/output valid values	NEVER, ALWAYS, COLDONLY, WARMONLY						
BASTRACE	BITSTRIP	CPSM	4	AVG	Yes	Business Application Services (BAS) trace flags	34
CHETRACE	BITSTRIP	CPSM	4	AVG	Yes	Cache services trace flags	26
CICSNAME-1	CHAR	CPSM	8	DIFF	Yes	CICS system name	4
CICSSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for CICS region monitoring	12
CICSSTATE	EYUDA	CPSM	4	LIKE	No	MAS status	7

Table 535. MAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CICSSTATE Output valid values	ACTIVE, INACTIVE, LOSTCON, LOSTCMAS, LOSTMAS						
CMASNAME	CHAR	CPSM	8	DIFF	No	CMAS name	5
COMTRACE	BITSTRIP	CPSM	4	AVG	Yes	Communications trace flags	28
CONNSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for connection monitoring	15
DATTRACE	BITSTRIP	CPSM	4	AVG	Yes	Data repository services trace flags	33
DAYLGHTSV	EYUDA	CPSM	4	LIKE	Yes	Daylight savings in effect	55
DAYLGHTSV Input/output valid values	YES, NO						
DBXSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for DB2/DBCTRL monitoring	14
DESC	CHAR	CPSM	58	DIFF	No	CICS system description	52
FILESAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for file monitoring	16
GLBLSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for global region monitoring	13
JRNLSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for journal monitoring	17
KNLTRACE	BITSTRIP	CPSM	4	AVG	Yes	Kernel linkage trace flags	22
MASTRACE	BITSTRIP	CPSM	4	AVG	Yes	MAS services trace flags	29
MASTYPE	EYUDA	CPSM	4	LIKE	No	MAS type	6
MASTYPE Output valid values	N_A, LOCAL, REMOTE						
MONSTATUS	EYUDA	CPSM	4	LIKE	Yes	Monitoring status	8
MONSTATUS Input/output valid values	YES, NO, FORCE						
MSGTRACE	BITSTRIP	CPSM	4	AVG	Yes	Message services trace flags	24
MXTACTION	CHAR	CPSM	8	DIFF	Yes	Action for CICS-at-maximum-tasks event	48
MXTSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for CICS-at-maximum-tasks event	42
MXTSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS						
PRICMAS	CHAR	CPSM	8	DIFF	Yes	Primary CMAS name	50
PROGSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for program monitoring	18
QUETRACE	BITSTRIP	CPSM	4	AVG	Yes	Queue services trace flags	27
RETENTION	BINARY	CPSM	4	AVG	Yes	Monitoring data retention period	11
RTASTATUS	EYUDA	CPSM	4	LIKE	Yes	Real time analysis status	9
RTASTATUS Input/output valid values	YES, NO, SAM, MRM						
RTATRACE	BITSTRIP	CPSM	4	AVG	Yes	Real time analysis (RTA) trace flags	32
SAMACTION	CHAR	CPSM	8	DIFF	Yes	Action for system availability monitoring event	44
SAMSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for system availability monitoring event	38
SAMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS						
SDMACTION	CHAR	CPSM	8	DIFF	Yes	Action for system dump event	46
SDMSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for system dump event	40

Table 535. MAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SDMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS						
SECBYPASS	EYUDA	CPSM	4	LIKE	Yes	Simulated security exemption check	37
SECBYPASS Input/output valid values	YES, NO						
SECCMDCHK	EYUDA	CPSM	4	LIKE	Yes	Simulated security command check	35
SECCMDCHK Input/output valid values	YES, NO						
SECRESCHK	EYUDA	CPSM	4	LIKE	Yes	Simulated security resource check	36
SECRESCHK Input/output valid values	YES, NO						
SOSACTION	CHAR	CPSM	8	DIFF	Yes	Action for short on storage (SOS) event	45
SOSSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for short on storage (SOS) event	39
SOSSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS						
SRVTRACE	BITSTRIP	CPSM	4	AVG	Yes	Common services trace flags	25
STLACTION	CHAR	CPSM	8	DIFF	Yes	Action for CICS-stalled event	49
STLSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for CICS-stalled event	43
STLSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS						
TDMACTION	CHAR	CPSM	8	DIFF	Yes	Action for transaction dump event	47
TDMSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for transaction dump event	41
TDMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS						
TDQSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for TDQ monitoring	20
TERMSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for terminal monitoring	19
TMEZONE	CHAR	CPSM	1	DIFF	Yes	Time zone	54
TMEZONEO	BINARY	CPSM	1	AVG	Yes	Time zone offset	53
TOPTRACE	BITSTRIP	CPSM	4	AVG	Yes	Topology trace flags	31
TRANSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for transaction monitoring	21
TRATRACE	BITSTRIP	CPSM	4	AVG	Yes	Trace services trace flags	23
WLMSTATUS	EYUDA	CPSM	4	LIKE	Yes	Workload manager status	10
WLMSTATUS Input valid values	YES						
WLMSTATUS Output valid values	YES, NO						
WLMTRACE	BITSTRIP	CPSM	4	AVG	Yes	Workload management trace flags	30

MASHIST Resource Table

A CICSplex SM Operations Resource that describes the state of CICSplex SM history recording for a MAS.

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

External resource name

Length

64

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0153

Table 536. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	SUSPEND RESUME	None None	N/A N/A

Table 537. MASHIST FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	CPSM_RELEASE	Action not supported for CPSM release	2	STATUS_INACTV	Action not supported for an inactive history collector

Table 538. MASHIST resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
CDSSUF	CHAR	CPSM	1	DIFF	Current data set suffix	6
CRECCNT	BINARY	CPSM	8	MAX	Number of records on current data set	3
CWRAPCNT	BINARY	CPSM	4	MAX	Number of times current data set has wrapped	4
HDSCOUNT	BINARY	CPSM	2	MAX	Number of History data sets	5
REASON	EYUDA	CPSM	4	LIKE	History reason code	2
REASON Output valid values	OK, NOTAVAILABLE, INVALIDFILE, IOERROR					
RESERVED1	CHAR	CPSM	1	LIKE	Reserved area for expansion	8
RESERVED2	BINARY	CPSM	4	LIKE	Reserved area for expansion	9
RESERVED3	BINARY	CPSM	4	LIKE	Reserved area for expansion	10

Table 538. MASHIST resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
RESERVED4	BINARY	CPSM	4	LIKE	Reserved area for expansion	11
RESERVED5	BINARY	CPSM	4	LIKE	Reserved area for expansion	12
RESERVED6	BINARY	CPSM	4	LIKE	Reserved area for expansion	13
STATUS	EYUDA	CPSM	4	LIKE	History recorder status	1
STATUS Output valid values	ACTIVE, INACTIVE, SUSPEND, SUSPENDING, RESUMING					
TASKNO	DECIMAL	CPSM	4	MAX	Task ID of Current Recorder	7

MASSTAT Resource Table

A CICSplex SM Operations Resource that displays information about the join status of CICS systems in each CMAS in a CICSplex.

There are no object specific actions for this resource class.

External resource name

Length

96

Usage API

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2640

Table 539. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 540. MASSTAT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CICSNAME-1	CHAR	CPSM	8	DIFF	CICS system name	4
CICSSTATE	EYUDA	CPSM	4	LIKE	MAS status	7
CICSSTATE Output valid values	ACTIVE, INACTIVE, LOSTCON, LOSTCMAS, LOSTMAS					
CMASNAME	CHAR	CPSM	8	DIFF	CMAS name	5
DESC	CHAR	CPSM	58	DIFF	CICS system description	9
MASTYPE	EYUDA	CPSM	4	LIKE	MAS type	6

Table 540. MASSTAT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
MASTYPE Output valid values	N_A, LOCAL, REMOTE					
RPTCMAS-2	CHAR	CPSM	8	DIFF	Reporting CMAS name	8

MCICSDSA Resource Table

A CICS Monitored resource that describes a subset of the dynamic storage are attributes sampled by the CICSPlex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length

208

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Monitored

Copybook identifier

EYUt1367

Table 541. Valid CPSM operations

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

Table 542. MCICSDSA FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 542. MCICSDSA FEEDBACK error codes (continued)

9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REM	Monitored resource required by Real Time Analysis (RTA)
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Table 543. MCICSDSA resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACCESSTYPE	EYUDA	STAT	4	LIKE	No	Storage key	25
ACCESSTYPE Output valid values	CICS, USER, READONLY						
ASUBTOTL	CNUMERIC	STAT	4	AVG	No	Number of Add Subpool requests	8
CUMCMNSSUSRS	CNUMERIC	STAT	4	AVG	No	Cumulative number of common subspace users	39
CUMUNQSSUSRS	CNUMERIC	STAT	4	AVG	No	Cumulative number of unique subspace users	36
CURCMNSSUSRS	CNUMERIC	STAT	4	AVG	No	Current number of common subspace users	38
CURFRESTG	PERCENT	CPSM	4	AVG	No	Free storage for current sample (%)	20
CURRALLOC	CNUMERIC	STAT	4	AVG	No	Current DSA allocated above/below 16M line	41
CURUNQSSUSRS	CNUMERIC	STAT	4	AVG	No	Current tasks allocated a unique subspace	35
CUSHION	BINARY	STAT	4	MAX	No	Cushion size	4
DSUBTOTL	CNUMERIC	STAT	4	AVG	No	Number of Delete Subpool requests	9
FREMTOTL	BINARY	STAT	4	AVG	No	Number of FREEMAIN requests	7
GETMTOTL	BINARY	STAT	4	AVG	No	Number of GETMAIN requests	6
HWMALLOC	CNUMERIC	STAT	4	AVG	No	Peak DSA allocated above/below 16M line	42
HWCMNSSUSRS	CNUMERIC	STAT	4	AVG	No	Peak number of common subspace users	40
HWMFREE	CNUMERIC	CPSM	4	AVG	No	Peak amount of free storage available	33
HWMUNQSSUSRS	CNUMERIC	STAT	4	AVG	No	Peak number of unique subspace users	37
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTFRESTG	PERCENT	CPSM	4	AVG	No	Free storage for monitor interval (%)	21
LIMIT	CNUMERIC	STAT	4	AVG	No	Maximum size of DSA	27
LOCATION	EYUDA	STAT	4	LIKE	No	Dynamic storage area (DSA) location	24
LOCATION Output valid values	ABOVE, BELOW, NOTAPPLIC						
LWMFREE	CNUMERIC	CPSM	4	AVG	No	Smallest amount of free storage available	34
NAME-1	CHAR	STAT	8	DIFF	Yes	Dynamic storage area (DSA)	2
NSTGTOTL	CNUMERIC	STAT	4	AVG	No	Number of times NOSTORAGE returned	10
NSTGTSUSP	BINARY	STAT	4	AVG	No	Number of current suspended storage requests	13
PCTFREE	PERCENT	CPSM	4	AVG	No	Percentage of available total storage	29
PGMONIU	CNUMERIC	STAT	4	AVG	No	Storage occupied by not-in-use programs	5
POOLPCTFREE	PERCENT	CPSM	4	AVG	No	Percentage of available pool storage	28
REQSWAITMVS	BINARY	STAT	4	AVG	No	Number of requests for MVS storage causing wait	43
RNTPGPROTECT	CVDAS	STAT	4	LIKE	No	Reentrant program protection status	31

Table 543. MCICSDSA resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
RNTPGPROTECT Output valid values	REENTPROT, NOREENTPROT						
SIZE	BINARY	STAT	4	MAX	No	DSA Size	3
STGCRELC	BINARY	STAT	4	AVG	No	Number of times cushion released	15
STGFSIZE	BINARY	STAT	4	MAX	No	Free storage size	18
STGHWM	BINARY	STAT	4	AVG	No	Peak size of DSA	26
STGLSIZE	CNUMERIC	STAT	4	AVG	No	Largest free area size	22
STGNSUBP	BINARY	STAT	4	AVG	No	Number of current subpools	17
STGPROTECT	CVDAS	STAT	4	LIKE	No	Storage protection active	30
STGPROTECT Output valid values	ACTIVE, INACTIVE						
STGPWCNT	CNUMERIC	STAT	4	AVG	No	Number of tasks purged while waiting	14
STGSHWM	BINARY	STAT	4	AVG	No	Peak number of suspended storage requests	12
STGSOSC	CNUMERIC	STAT	4	SUM	No	Short on storage count	16
STGSOST	INTTSTP	STAT	8	SUM	No	Total time CICS was short on storage	19
STGSTOTL	BINARY	STAT	4	AVG	No	Number of times requests were suspended	11
STGVTOTL	CNUMERIC	STAT	4	AVG	No	Number of storage violations	23
TIMWAITMVS	INTTSTP	STAT	8	AVG	No	Total time waiting for MVS storage	44
TRNISOLATION	CVDAS	STAT	4	LIKE	No	Transaction isolation status	32
TRNISOLATION Output valid values	ACTIVE, INACTIVE						

MCICSRGN Resource Table

A CICS Monitored resource that describes a subset of the CICS region attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length

440

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Monitored

Copybook identifier

EYUt1366

Table 544. Valid CPSM operations

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

Table 545. MCICSRGN FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 546. MCICSRGN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
AINSCREQ	CNUMERIC	INQ	4	AVG	Number of current autoinstall requests		10
AINSMREQ	CNUMERIC	INQ	4	AVG	Maximum number of autoinstall requests		11
AINSSTAT	CVDAS	INQ	4	LIKE	Autoinstall enabled status		12
AINSSTAT Output valid values	ENABLED, DISABLED						
AMAXTASKS	BINARY	INQ	4	SUM	Maximum number of active tasks	E410P	4US
CICSSTATUS	CVDAS	INQ	4	LIKE	CICS status		6
CICSSTATUS Output valid values	STARTUP, ACTIVE, FIRSTQUIESCE, FINALQUIESCE						
CPUTIME	INTUSEC	CPSM	8	AVG	Total CPU time used		48
CTSLEVEL	CHAR	INQ	6	DIFF	CICS Transaction Server level		101
CURACTVUSRTR	CNUMERIC	STAT	4	AVG	Current number of active user transactions		76
CURAMAXRATE	RATE	CPSM	4	AVG	AMAX rate for current sample	E410P	22S
CURCPUPER	PERCENT	CPSM	4	AVG	CPU usage during last sample period		49
CURPAMAXRATE	RATE	CPSM	4	AVG	Peak AMAX rate for current sample	E410P	24S
CURPGIRATE	RATE	CPSM	4	AVG	Page-in rate for current sample		52
CURPGORATE	RATE	CPSM	4	AVG	Page-out rate for current sample		55
CURPTSKRATE	RATE	CPSM	4	AVG	Peak task rate for current sample		18
CURQUEDUSRTR	CNUMERIC	STAT	4	AVG	Current number of queued user transactions		77

Table 546. MCICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
CURQUETIME	INTTSTP	STAT	8	AVG	Time currently queued transactions waiting		83
CURRAMAX	CNUMERIC	STAT	2	AVG	Current number of user tasks eligible for dispatch	E410P	205
CURRTASKS	BINARY	INQ	4	SUM	Current number of tasks		74
CURSIORATE	RATE	CPSM	4	AVG	Start I/O rate for current sample		59
CURTASKRATE	RATE	CPSM	4	AVG	Task rate for current sample		16
CUTCBCNT	CNUMERIC	STAT	2	SUM	Number of MVS task control blocks (TCBs)		15
DSGTOTMT	INTTSTP	STAT	8	AVG	Total MVS storage wait time		103
DSGTOTMW	BINARY	STAT	4	AVG	Total number of MVS storage waiters		104
EXTSEC	CVDAS	INQ	4	LIKE	External security manager option		8
EXTSEC Output valid values	EXTSECURITY, NOSECURITY						
INTAMAXRATE	RATE	CPSM	4	AVG	AMAX rate for interval	E410P	205
INTCUPPER	PERCENT	CPSM	4	AVG	Average CPU usage over monitor interval		50
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID		1
INTPAMAXRATE	RATE	CPSM	4	AVG	Peak AMAX rate for interval	E410P	205
INTPGIRATE	RATE	CPSM	4	AVG	Page-in rate for monitor interval		53
INTPGORATE	RATE	CPSM	4	AVG	Page-out rate for monitor interval		56
INTPTSKRATE	RATE	CPSM	4	AVG	Peak task rate for interval		19
INTSIORATE	RATE	CPSM	4	AVG	Start I/O rate for monitor interval		60
INTTASKRATE	RATE	CPSM	4	AVG	Task rate for interval		17
INTVTRANS	CNUMERIC	STAT	4	AVG	Transactions run since last CPSM statistics reset		98
IRCSTAT	CVDAS	INQ	4	LIKE	Interregion communication (IRC) status		13
IRCSTAT Output valid values	OPEN, CLOSED, CLOSING, IMMCLOSING						
JOBNAME	CHAR	INQ	8	DIFF	Job name		2
LASTRESET	TIMESTP	STAT	8	MAX	Last statistics reset time		29
LOADHWMC	CNUMERIC	STAT	4	AVG	Number of times peak suspended tasks reached		35
LOADHWMW	CNUMERIC	STAT	4	AVG	Peak number of tasks waiting for load requests		34
LOADPNIU	CNUMERIC	STAT	4	AVG	Number of programs on not-in-use queue		40
LOADREQS	CNUMERIC	STAT	4	AVG	Number of load requests		28
LOADRNIU	CNUMERIC	STAT	4	AVG	Number of reclaims from not-in-use queue		41
LOADTIME	INT16US	STAT	4	AVG	Total loading time		30
LOADTNIU	INTTSTP	STAT	8	AVG	Total time to remove not-in-use programs		39
LOADWAIT	INT16US	STAT	4	AVG	Total load waiting time		36
LOADWCNT	CNUMERIC	STAT	4	AVG	Number of tasks that have waited for load requests		33
LUCURR	CNUMERIC	STAT	4	AVG	Number of LUs currently logged on		67
LUHWM	CNUMERIC	STAT	4	AVG	Highest number of LUs logged on at any one time		68
MAXTASKS	BINARY	INQ	4	AVG	Maximum number of active and suspended tasks		5
MAXTRCNT	BINARY	STAT	4	AVG	Number of times MAXTASK limit reached		75
MROBATCH	BINARY	INQ	4	AVG	Number of MRO requests to be batched		9
MVSSYSID	CHAR	CPSM	4	DIFF	MVS system ID		3
OSLEVEL	CHAR	INQ	6	DIFF	z/OS level		102
PAGEIN	BINARY	CPSM	4	AVG	Number of page-in requests		51
PAGEOUT	BINARY	CPSM	4	AVG	Number of page-out requests		54
PEAKAMAX	CNUMERIC	STAT	2	AVG	Peak number of user tasks eligible for dispatch	E410P	205

Table 546. MCICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
PEAKTASKS	BINARY	STAT	2	AVG	Peak number of tasks in system		20
PEKACTVUSRTR	CNUMERIC	STAT	4	AVG	Peak number of active user transaction		78
PEKQUEDUSRTR	CNUMERIC	STAT	4	AVG	Peak number of queued user transactions		79
PLASTRESET	DECTIME	STAT	4	AVG	Last reset time		100
PRGMRCMP	CNUMERIC	STAT	4	AVG	Number of programs removed by compression		38
PRGMUCNT	CNUMERIC	STAT	4	AVG	Number of uses of any program by the CICS system		31
PRGMWAIT	CNUMERIC	STAT	4	AVG	Current number of waiting loader requests		32
PROGAUTOATTM	CNUMERIC	STAT	4	AVG	Number of program autoinstall attempts		84
PROGAUTOFAIL	CNUMERIC	STAT	4	AVG	Number of failed program autoinstall attempts		86
PROGAUTOXREJ	CNUMERIC	STAT	4	AVG	Number of times autoinstall prog request rejected		85
PRSSERRORCNT	CNUMERIC	STAT	4	AVG	Persistent sessions error count		73
PRSSINQCNT	CNUMERIC	STAT	4	AVG	Number of CICS persistent-session inquiries		69
PRSSNIBCNT	CNUMERIC	STAT	4	AVG	Number of VTAM sessions that persisted		70
PRSSOPNCNT	CNUMERIC	STAT	4	AVG	Number of persistent sessions successfully restored		71
PRSSUNBNDCNT	CNUMERIC	STAT	4	AVG	Number of persistent sessions that were terminated		72
RDEBRBLD	CNUMERIC	STAT	4	AVG	Number of times DFHRPL reopened and load retried		37
REALSTG	CNUMERIC	CPSM	4	AVG	Real storage in use		57
RELEASE	CHAR	INQ	4	DIFF	CICS Release		97
SDMPSUPP	CNUMERIC	STAT	4	AVG	Number of system dumps suppressed		43
SDMPTOTL	CNUMERIC	STAT	4	AVG	Number of system dumps taken		42
SIORREQ	BINARY	CPSM	8	AVG	Number of I/O requests		58
STRTTIME	TIMESTP	CPSM	8	MAX	CICS start time		47
SYSDUMP	CVDAS	INQ	4	LIKE	System dump status		7
SYSDUMP Output valid values	SYSDUMP, NOSYSDUMP						
SYSID	CHAR	CPSM	4	DIFF	CICS system ID		46
TDMPSUPP	CNUMERIC	STAT	4	AVG	Number of transaction dumps suppressed		45
TDMPTOTL	BINARY	STAT	4	AVG	Number of transaction dumps taken		44
TOTACTVUSRTR	CNUMERIC	STAT	4	AVG	Total number of active user transactions		80
TOTDELYUSRTR	CNUMERIC	STAT	4	AVG	Total number of queued user transactions		81
TOTLTASKS	BINARY	STAT	8	AVG	Total number of tasks		99
TOTQUETIME	INTTSTP	STAT	8	AVG	Total time queued transactions waited		82
VTMACBDOPE	CNUMERIC	STAT	2	AVG	Number of times VTAM ACB dynamically opened		65
VTMRPLMAX	DECIMAL	STAT	4	AVG	Number of times RPL maximum value was reached		62
VTMRPLPOST	DECIMAL	STAT	2	AVG	Maximum number of VTAM RPLs posted		63
VTMSOSCNT	CNUMERIC	STAT	2	AVG	Number of times VTAM had short-on-storage status		64
VTMSTATUS	CVDAS	INQ	4	LIKE	CICS-VTAM connection status		61
VTMSTATUS Output valid values	OPEN, CLOSED, CLOSING, IMMCLOSING, FORCECLOSING, NOTAPPLIC						

MCMDT Resource Table

A CICS Monitored resource that describes a subset of the data table attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length

312

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Monitored

Copybook identifier

EYUt1399

Table 547. Valid CPSM operations

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

Table 548. MCMDT FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 549. MCMDT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ADD CNT	BINARY	STAT	4	AVG	No	Number of add requests	16
ADD FR READ	CNUMERIC	STAT	4	AVG	No	Add requests resulting from reads	34
ADD REJ	CNUMERIC	STAT	4	AVG	No	Add requests rejected by exit	36

Table 549. MCMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ADDREQ	CNUMERIC	STAT	4	AVG	No	Total add requests	35
ADDTFULL	CNUMERIC	STAT	4	AVG	No	Total add requests when table full	37
BROWSECNT	BINARY	STAT	4	AVG	No	Number of browse requests	15
CONTENTION	CNUMERIC	STAT	4	AVG	No	CFDT contention count	62
CURCOUNT	CNUMERIC	STAT	4	AVG	No	Current record count	44
CURDEXCPRATE	RATE	CPSM	4	AVG	No	VSAM data EXCP rate current sample	24
CURIEXCPRATE	RATE	CPSM	4	AVG	No	VSAM index EXCP rate current sample	26
CURMRQRATE	RATE	CPSM	4	AVG	No	MDT request rate for current sample	42
CURREADRATE	RATE	CPSM	4	AVG	No	Successful read rate current sample	31
CURREQRATE	RATE	CPSM	4	AVG	No	Request rate for current sample	20
DELETEREQ	CNUMERIC	STAT	4	AVG	No	Total delete requests	39
DEXPCNT	BINARY	STAT	4	AVG	No	VSAM EXCP count data component	22
DSNAME	CHAR	INQ	44	DIFF	No	Data set name	4
ENABLESTATUS	CVDAS	INQ	4	LIKE	No	Enabled status	5
ENABLESTATUS Output valid values	ENABLED, DISABLED, UNENABLED, DISABLING, UNENABLING						
FILE-1	CHAR	INQ	8	DIFF	Yes	File identifier	2
GETCNT	BINARY	STAT	4	AVG	No	Number of get requests	13
GETUPDCNT	BINARY	STAT	4	AVG	No	Number of get update requests	14
IEXPCNT	BINARY	STAT	4	AVG	No	VSAM EXCP count INDX component	23
INTDEXCPRATE	RATE	CPSM	4	AVG	No	VSAM data EXCP rate for interval	25
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier	1
INTIEXCPRATE	RATE	CPSM	4	AVG	No	VSAM index EXCP rate for interval	27
INTMRQRATE	RATE	CPSM	4	AVG	No	MDT request rate for interval	43
INTREADRATE	RATE	CPSM	4	AVG	No	Successful read rate for interval	32
INTREQRATE	RATE	CPSM	4	AVG	No	Request rate for interval	21
LOCDELNT	BINARY	STAT	4	AVG	No	Number of local delete requests	18
LSRPOOLID	CHAR	INQ	2	DIFF	No	Local shared resources pool identifier	54
MAXNUMRECS	BINARY	INQ	4	AVG	No	Maximum records table can hold	6
MAXTSIZE	CNUMERIC	STAT	4	AVG	No	Highest table size	40
NUMACTSTRING	CNUMERIC	STAT	2	AVG	No	Number of active strings	57
NUMDATBUFF	CNUMERIC	STAT	2	AVG	No	Number of data buffers	55
NUMINDEXBUFF	CNUMERIC	STAT	2	AVG	No	Number of index buffers	56
NUMSTRINGWT	CNUMERIC	STAT	2	AVG	No	Number of active string waits	58
OPENSTATUS	CVDAS	INQ	4	LIKE	No	Open status	7
OPENSTATUS Output valid values	OPEN, CLOSED, OPENING, CLOSING, CLOSEREQUEST						
POOLNAME	CHAR	INQ	8	DIFF	No	CFDT pool name	59
READRETRY	CNUMERIC	STAT	4	AVG	No	Read retries	45
READS	CNUMERIC	STAT	4	AVG	No	Successful reads	30
RECNOTFND	CNUMERIC	STAT	4	AVG	No	Total records not found in table	33
RECORDSIZE	BINARY	INQ	4	AVG	No	Record size	8
REWRITE	CNUMERIC	STAT	4	AVG	No	Total rewrite requests	38
STGALCINU	CNUMERIC	STAT	4	AVG	No	Total storage in use	47
STGALCTOT	CNUMERIC	STAT	4	AVG	No	Total storage allocated	46

Table 549. MCMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
STGDTAINU	CNUMERIC	STAT	4	AVG	No	Data storage in use	53
STGDTATOT	CNUMERIC	STAT	4	AVG	No	Data storage allocated	52
STGENTINU	CNUMERIC	STAT	4	AVG	No	Entries storage in use	49
STGENTTOT	CNUMERIC	STAT	4	AVG	No	Entries storage allocated	48
STGIDXINU	CNUMERIC	STAT	4	AVG	No	Index storage in use	51
STGIDXTOT	CNUMERIC	STAT	4	AVG	No	Index storage allocated	50
STRINGS	BINARY	INQ	4	AVG	No	Strings	9
TABLE	CVDAS	INQ	4	LIKE	No	Data table indicator	10
TABLE Output valid values	CICSTABLE, USERTABLE, CFTABLE, NOTTABLE						
TABlename	CHAR	INQ	8	DIFF	No	CFDT table name	60
TIMECLOSE	DECTSTP	STAT	4	MAX	No	Time closed	11
TIMEOPEN	DECTSTP	STAT	4	MAX	No	Time opened	12
TOTLREQCNT	SUM	STAT	4	AVG	No	Sum of all requests	19
TOTMREQCNT	SUM	STAT	4	AVG	No	Sum of all MDT requests	41
UPDATECNT	BINARY	STAT	4	AVG	No	Number of update requests	17
VSAMTYPE	CVDAS	INQ	4	LIKE	No	VSAM file type	3
VSAMTYPE Output valid values	ESDS, KSDS, RRDS						
WSTRCCURCNT	BINARY	STAT	4	AVG	No	Wait on string maximum concurrent count	29
WSTRCNT	BINARY	STAT	4	AVG	No	Wait on string total count	28

MCONNECT Resource Table

A CICS Monitored resource that describes a subset of the connection attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length

216

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Monitored

Copybook identifier

EYUt1370

Table 550. Valid CPSM operations

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

Table 551. MCONNECT FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_RESOURCE	Monitored resource required by Real Time Analysis (RTA)

Table 552. MCONNECT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACCESSMETHOD	CVDAS	INQ	4	LIKE	No	Access method	7
ACCESSMETHOD Output valid values	VTAM, IRC, INDIRECT, XM						
AIDS	BINARY	STAT	2	AVG	No	Number of automatic initiate descriptors (AIDs)	9
ALLOCATES	BINARY	STAT	4	AVG	No	Total number of allocate requests	16
ALLOCQLIMIT	CNUMERIC	STAT	2	AVG	No	Allocate queue limit (QUEUELIMIT)	36
ATISBPRI	BINARY	STAT	4	AVG	No	Number of ATIs satisfied by primary sessions	11
ATISBSEC	BINARY	STAT	4	AVG	No	Number of ATIs satisfied by secondary sessions	13
BIDSENT	BINARY	STAT	4	AVG	No	Total number of bids sent	15
CONCURBIDS	BINARY	STAT	2	AVG	No	Number of bids currently in progress	28
CONNCREATIME	TIMESTP	STAT	8	MAX	No	Local connection create time	45
CONNDELETIME	TIMESTP	STAT	8	MAX	No	Local connection delete time	47
CONNSTATUS	CVDAS	INQ	4	LIKE	No	Connection status	6
CONNSTATUS Output valid values	RELEASED, OBTAINING, ACQUIRED, FREEING, AVAILABLE						
CURFCFSRATE	RATE	CPSM	4	AVG	No	File Control ship rate for current sample	29
DLIFUNSHIP	BINARY	STAT	4	AVG	No	Number of DL/I function ships	25
DPLFUNSHIP	BINARY	STAT	4	AVG	No	Number of Distributed Program Link function ships	52

Table 552. MCONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EXIT_REJALLC	CNUMERIC	STAT	4	AVG	No	Allocates rejected because QUEUELIMIT reached	31
FAILEDOTHERS	BINARY	STAT	4	AVG	No	Number of allocate requests with other failure	20
FAILINKALLOC	BINARY	STAT	4	AVG	No	Number of allocate requests with link failure	19
FCFUNCSHIP	BINARY	STAT	4	AVG	No	Number of File Control function ships	21
GMTCREATIME	TIMESTP	STAT	8	MAX	No	GMT connection create time	44
GMTDELETIME	TIMESTP	STAT	8	MAX	No	GMT connection delete time	46
ICFUNCSHIP	BINARY	STAT	4	AVG	No	Number of Interval Control function ships	22
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTFCFSRATE	RATE	CPSM	4	AVG	No	File Control ship rate for interval	30
MAXBIDS	BINARY	STAT	4	AVG	No	Maximum number of concurrent bids	14
MAXPRIMARIES	CNUMERIC	STAT	2	AVG	No	Peak number of primary sessions in use	27
MAXQTALLCPRG	CNUMERIC	STAT	2	AVG	No	Number of allocates purged when MAXQTIME exceeded	41
MAXQTIME	CNUMERIC	STAT	2	AVG	No	Maximum queue time	35
MAXQTPURGCNT	CNUMERIC	STAT	2	AVG	No	Number of allocate queue purges due to MAXQTIME value	34
MAXSECOND	BINARY	STAT	4	AVG	No	Peak number of secondaries in use at one time	12
NAME-1	CHAR	INQ	4	DIFF	Yes	Connection ID	2
NETNAME	CHAR	INQ	8	DIFF	No	Net name	3
NONSPECAID	BINARY	STAT	2	AVG	No	Number of AIDs waiting for a session	10
OUTSALLOC	BINARY	STAT	4	AVG	No	Peak number of outstanding allocate requests	17
PRICURRUSED	CNUMERIC	STAT	2	AVG	No	Number of primaries currently in use	50
PROTOCOL	CVDAS	INQ	4	LIKE	No	Connection protocol	4
PROTOCOL Output valid values	LU61, APPC, NOTAPPLIC						
QUEDALLOCATE	BINARY	STAT	4	AVG	No	Number of queued allocate requests	18
RECEIVECOUNT	CNUMERIC	INQ	4	AVG	No	Number of defined receive sessions	32
SECCURRUSED	CNUMERIC	STAT	2	AVG	No	Number of secondaries currently in use	51
SENDCOUNT	CNUMERIC	INQ	4	AVG	No	Number of defined send sessions	33
SERVSTATUS	CVDAS	INQ	4	LIKE	No	Service status	8
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE, GOINGOUT						
TDFUNCSHIP	BINARY	STAT	4	AVG	No	Number of Transient Data function ships	23
TERMSHAREREQ	BINARY	STAT	4	AVG	No	Number of terminal sharing requests	26
TOTFUNCSHIP	SUM	STAT	4	AVG	No	Total number of function ships	43
TSFUNCSHIP	BINARY	STAT	4	AVG	No	Number of Temporary Storage function ships	24
TYPE	EYUDA	CPSM	4	LIKE	No	Connection type	5
TYPE Output valid values	LU61, LU62, INDIRECT, MRO						
XZIQALLCPRG	CNUMERIC	STAT	2	AVG	No	Number of allocates purged by XZIQUE exit	40
XZIQPRGCNT	CNUMERIC	STAT	2	AVG	No	Number of queue purges requested by XZIQUE exit	39
XZIQREJS	CNUMERIC	STAT	4	AVG	No	Number of allocates rejected by XZIQUE exit	38

MDB2THRD Resource Table

A CICS Monitored resource that describes a subset of the DB2 thread attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length

112

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Monitored

Copybook identifier

EYUt1389

Table 553. Valid CPSM operations

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

Table 554. MDB2THRD FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 555. MDB2THRD resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ABORTCNT	BINARY	CPSM	4	AVG	No	Number of aborts	17
AUTHCNT	BINARY	CPSM	4	SUM	No	Number of authorizations done	12
AUTHTYPE	EYUDA	CPSM	4	LIKE	No	Authorization type	3
AUTHTYPE Output valid values	USER, TERMID, TRANID, SIGNID, CHARSTR, USERID, RACFGID, NULL						
CURTHREADS	BINARY	CPSM	2	AVG	No	Current number of threads	7
CURUSERATE	RATE	CPSM	4	AVG	No	Usage rate for current sample	14
DPMODE	EYUDA	CPSM	4	LIKE	No	Dispatching mode	4
DPMODE Output valid values	HIGH, LOW, EQ						
INITTRAN-1	CHAR	CPSM	4	DIFF	Yes	Initial transaction	2
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier	1
INTUSERATE	RATE	CPSM	4	AVG	No	Usage rate for interval	15
MAXTHREADS	BINARY	CPSM	2	AVG	No	Maximum number of threads	6
NAME	CHAR	CPSM	4	DIFF	No	DB2 subsystem	21
OTHERIDS	BINARY	CPSM	4	AVG	No	Number of transactions in group	19
PLANNAME	CHAR	CPSM	8	DIFF	No	Plan name if not dynamic allocation	11
PLANPRGM	CHAR	CPSM	8	DIFF	No	Dynamic plan allocation exit program	10
READCOMMIT	BINARY	CPSM	4	AVG	No	Number of read only commits	18
ROLLBACKOPT	EYUDA	CPSM	4	LIKE	No	Rollback option	5
ROLLBACKOPT Output valid values	YES, NO						
RSVTHREADS	BINARY	CPSM	4	AVG	No	Reserved threads	8
THREADHWM	BINARY	CPSM	2	MAX	No	Peak number of threads in use	20
THREADWAIT	BINARY	CPSM	4	SUM	No	Number of thread waits	16
THREADWOPT	EYUDA	CPSM	4	LIKE	No	Thread wait option	9
THREADWOPT Output valid values	TWAIT, NOTWAIT, POOL, YES, NO, NA						
USECOUNT	BINARY	CPSM	4	SUM	No	Number of times plan used	13

METADESC Resource Table

A CPSM MetaData resource that describes the basic structure and layout of an attribute in the resource table instance data structure.

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

There are no object specific actions for this resource class.

External resource name

Length

24

Usage API

API view
 No
CMAS context
 No
SCOPE applies
 No
Only query CMASs in workload
 No
Object type
 CICSplex SM Metadata
Copybook identifier
 EYUt2546

Table 556. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 557. METADESC resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
DATATYPE	BINARY	CPSM	1	AVG	No	Data typeComponent IdentifierBinary NumericBinary Derived RateBinary Derived PercentBinary Derived SumBinary Derived RatioBinary Derived AverageSystem/370 TimestampBitTextCharacterEYUDACVDA StandardCVDA TerminalResource TypePacked DecimalDateInternal Label FieldBinary HHMMInterval Store ClockInterval MicrosecondsInterval MillisecondsInterval 16 MicrosecondsInterval SecondsInterval Store Clock deltaDate Time GroupPacked Decimal TimestampAddressCoded NumericNon Display CharacterHexadecimalTable versionBinary derived rate 3DPBinary derived percent 3DPBinary derived sum 3DPBinary derived average 3DPPacked Decimal Time - No TenthsInterval Store Clock Length 12String of bit flags	7
DATATYPE Input/output valid values	0 (COMP), 4 (BIN), 8 (RATE), 12 (PER), 16 (SUM), 20 (RATO), 24 (AVG), 28 (TSTP), 32 (BIT), 36 (TEXT), 40 (CHAR), 44 (EYUD), 48 (CVDS), 52 (CVDT), 56 (REST), 60 (PACK), 64 (DATE), 68 (ILBL), 72 (HHMM), 76 (SCLK), 80 (IUSC), 84 (IMSC), 88 (16US), 92 (ISEC), 96 (IUSS), 100 (DTGP), 104 (DECT), 108 (ADDR), 112 (CNUM), 116 (HCHR), 120 (HEX), 124 (TBLV), 128 (RAT3), 132 (PER3), 136 (SUM3), 140 (AVG3), 144 (DECS), 152 (SC12), 156 (BITS)						
INHERIT	CHAR	CPSM	1	DIFF	No	Inherit valueAttribute not InheritableAttribute is Inheritable	9
INHERIT Input/output valid values	N (NO), Y (YES)						
LENGTH	BINARY	CPSM	2	AVG	No	Attribute length	5
NAME-1	CHAR	CPSM	12	DIFF	Yes	Attribute name	4
OFFSET	BINARY	CPSM	2	AVG	No	Attribute offset in table	6

METANAME Resource Table

A CPSM MetaData resource that provides information about CVDASs, CVDATs and EYUDAs.

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

External resource name

Length

40

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Metadata

Copybook identifier

EYUt2634

Table 558. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 559. METANAME resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
DESCRIPTION	CHAR	CPSM	16	DIFF	No	Short description	8
NAME	CHAR	CPSM	12	DIFF	No	Name of CVDA or EYUDA	7
NAMETYPE-1	BINARY	CPSM	1	DIFF	Yes	Type of dataStandard CVDATerminal CVDAYUDA	4
NAMETYPE-1 Input (CVDA), 2 (CVDAT), 3 (EYUDA)							
VALUE-2	BINARY	CPSM	4	DIFF	Yes	Numeric value of CVDA or EYUDA	6

METAPARM Resource Table

A CPSM MetaData resource that provides information about a parameter for an action.

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

External resource name

Length
 104
Usage API
API view
 No
CMAS context
 No
SCOPE applies
 No
Only query CMASs in workload
 No
Object type
 CICSplex SM Metadata
Copybook identifier
 EYUt2633

Table 560. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 561. METAPARM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ACTION-2	CHAR	CPSM	12	DIFF	Yes	Action name	5
CICSVALAVAIL	CHAR	CPSM	1	DIFF	No	CICS validity data available CICS Validity active No CICS Validity data	20
CICSVALAVAIL Input/output valid values	Y (YES), N (NO)						
DATE	CHAR	CPSM	1	DIFF	No	Parameter represents a date Parameter does not represent a date Parameter does represent a date	29
DATE Input/output valid values	N (NO), Y (YES)						
DESCRIPTION	CHAR	CPSM	50	DIFF	No	Description	19
GROUP_ID	BINARY	CPSM	1	AVG	No	Parameter token	8
ID	BINARY	CPSM	4	AVG	No	Parameter number	7
MODE	BINARY	CPSM	1	DIFF	No	Mode of application of parameter Copy from base table Array of values Bit setting Keyword in API parm string Filter string API keyword with value Base table field with existence bit Base table field with existence bit	18
MODE Input/output valid values	1 (COPY), 2 (LIST), 3 (FLAG), 4 (KEYWORD), 5 (FILTER), 6 (INPUT), 7 (MODFLAG), 8 (OVERRIDE)						
NAME-3	CHAR	CPSM	12	DIFF	Yes	Parameter literal in API parameter string	6
PICKLIST	CHAR	CPSM	1	DIFF	No	Picklist supported Picklist not supported Picklist supported	31
PICKLIST Input/output valid values	N (NO), Y (YES)						
REQUIRED	CHAR	CPSM	1	DIFF	No	Parameter required Parameter is mandatory Parameter is optional	9

Table 561. METAPARM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
REQUIRED Input/output valid values	N (NO), Y (YES)						
TABLE-1	CHAR	CPSM	8	DIFF	Yes	Base table name	4
TIME	CHAR	CPSM	1	DIFF	No	Parameter represents a timeParameter does not represent a timeParameter does represent a time	30
TIME Input/output valid values	N (NO), Y (YES)						
VALCICSES2	BIT	CPSM	1	LIKE	No	Not valid in CICS/ESA byte 2CICS ESA 630CICS ESA 640CICS ESA 650	27
VALCICSES2 Input/output valid values	128 (E630), 64 (E640), 32 (E650)						
VALCICSESA	BIT	CPSM	1	LIKE	No	Not valid in CICS/ESACICS/MVS 212CICS/ESA 330CICS/ESA 410CICS for MVS/ESA 510CICS for MVS/ESA 520CICS for MVS/ESA 530CICS for MVS/ESA 610CICS for MVS/ESA 620	21
VALCICSESA Input/output valid values	128 (M212), 64 (E330), 32 (E410), 16 (E510), 8 (E520), 4 (E530), 2 (E610), 1 (E620)						
VALCICSOS2	BIT	CPSM	1	LIKE	No	Not valid in CICS/OS2CICS OS/2 201CICS OS/2 300CICS OS/2 310	23
VALCICSOS2 Input/output valid values	128 (O201), 64 (O300), 32 (O311)						
VALCICSVSE	BIT	CPSM	1	LIKE	No	Not valid in CICS/VSECICS/VSE 220CICS/VSE 230CICS/VSE 410	22
VALCICSVSE Input/output valid values	128 (V220), 64 (V230), 32 (V410)						
VALCICSWNT	BIT	CPSM	1	LIKE	No	Not valid in CICS for WindowsCICS for Windows 430CICS for Windows 500	26
VALCICSWNT Input/output valid values	128 (N430), 64 (N500)						
VALUE	BINARY	CPSM	4	AVG	No	Parameter value	12
WLMOWNER	CHAR	CPSM	1	DIFF	No	Workload owner parameter requiredParameter is mandatoryParameter is optional	11
WLMOWNER Input/output valid values	N (NO), Y (YES)						
WORKLOAD	CHAR	CPSM	1	DIFF	No	Workload parameter requiredParameter is mandatoryParameter is optional	10
WORKLOAD Input/output valid values	N (NO), Y (YES)						

MFEPICON Resource Table

A CICS Monitored resource that describes a subset of the FEPI connection attributes sampled by the CICSplex SM MAS Monitor agents.

While the MFEPICON resource class identifies multiple key attributes, only the TARGETNAME attribute can be specified in an EVALDEF INSTANCE attribute.

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length

104

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Monitored

Copybook identifier

EYUt1401

Table 562. Valid CPSM operations

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

Table 563. MFEPICON FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 564. MFEPICON resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACQSTATUS	CVDAS	INQ	4	LIKE	No	Acquired status	14

Table 564. MFEPICON resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ACQSTATUS Output valid values	ACQUIRED, ACQUIRING, RELEASED, RELEASING, INSTALLED, NOTINSTALLED						
ACQUIRES	BINARY	STAT	4	AVG	No	Number of acquires	5
CHARSRECD	CNUMERIC	STAT	4	AVG	No	Number of characters received	11
CHARSENT	CNUMERIC	STAT	4	AVG	No	Number of characters sent	10
CONVERSATNS	CNUMERIC	STAT	4	AVG	No	Number of conversations	8
CSACQRATE	RATE	CPSM	4	AVG	No	Acquire rate for current sample	6
ERRORS	CNUMERIC	STAT	4	AVG	No	Number of error conditions	13
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
MIACQRATE	RATE	CPSM	4	AVG	No	Acquire rate for monitor interval	7
NODENAME-2	CHAR	INQ	8	DIFF	Yes	Node name	3
POOLNAME	CHAR	STAT	8	DIFF	No	Pool name	4
RCVTIMEOUT	CNUMERIC	STAT	4	AVG	No	Number of receive timeouts	12
SERVSTATUS	CVDAS	INQ	4	LIKE	No	Connection service state	15
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE, GOINGOUT						
STATE	CVDAS	INQ	4	LIKE	No	Conversation status	16
STATE Output valid values	NOCONV, PENDSTSN, STSN, PENDBEGIN, BEGINSSESSION, APPLICATION, PENDDATA, PENDSTART, PENDFREE, FREE, PENDRELEASE, RELEASE, PENDUNSOL, UNSOLDATA, PENDPASS						
TARGETNAME-1	CHAR	INQ	8	DIFF	Yes	Target name	2
UNSOLICINP	CNUMERIC	STAT	4	AVG	No	Number of unsolicited inputs	9
WAITCONVNUM	BINARY	INQ	4	AVG	No	Number of conversations waiting for connection	17

MINDTDQ Resource Table

A CICS Monitored resource that describes a subset of the indirect transient data queue attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length

48

Usage API or EVALDEF

API view

Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Monitored

Copybook identifier
EYUt1386

Table 565. Valid CPSM operations

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

Table 566. MINDTDQ FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 567. MINDTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CUROUTQRATE	RATE	CPSM	4	AVG	No	Output rate for current sample	6
INDIRECTNAME	CHAR	INQ	4	DIFF	No	Indirect queue name	3
INDIRECTTYPE	CVDAS	INQ	4	LIKE	No	Indirect queue type	4
INDIRECTTYPE Output valid values	INTRA, EXTRA, INDIRECT, REMOTE						
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier	1
INTOUTQRATE	RATE	CPSM	4	AVG	No	Output rate for interval	7
OUTCNT	BINARY	STAT	4	SUM	No	Number of READ, WRITE, and DELETE requests	5
TDQUEUE-1	CHAR	INQ	4	DIFF	Yes	Queue identifier	2

MJOURNAL Resource Table

A CICS Monitored resource that describes a subset of the journal attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name**Length**

88

Usage API or EVALDEF**API view**

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Monitored

Copybook identifier

EYUt1375

Table 568. Valid CPSM operations

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

Table 569. MJOURNAL FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 570. MJOURNAL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ARCHSUBCNT	CNUMERIC	STAT	4	AVG	No	Number of archives submitted (DISK2 journal only)	10
ARCHWCNT	CNUMERIC	STAT	4	AVG	No	Number of archive waits (DISK2 journal only)	11
AVGSIZE	BINARY	STAT	2	AVG	No	Average block size	15
BLKWRCNT	DECIMAL	STAT	4	SUM	No	Number of blocks written	9

Table 570. MJOURNAL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
BUFULLCNT	DECIMAL	STAT	3	SUM	No	Number of times buffer full	18
CURFULLPER	PERCENT	CPSM	4	AVG	No	Percentage of time buffer full - current sample	13
CURVOLUME	CHAR	INQ	6	DIFF	No	Current volume (tape journal only)	5
DSOPENCNT	CNUMERIC	STAT	4	AVG	No	Number of data sets opened (DISK2 journal only)	12
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTFULLPER	PERCENT	CPSM	4	AVG	No	Percentage of time buffer full - monitor interval	14
JOURNALNUM-1	BINARY	INQ	2	AVG	Yes	Journal number	16
JTYPE	CVDAS	INQ	4	LIKE	No	Journal type	3
JTYPE Output valid values	TAPE1, TAPE2, DISK1, DISK2, DISK2PAUSE, SMF						
LASTVOL	CHAR	STAT	6	DIFF	No	Last volume written (tape journal only)	6
OLDPART	CNUMERIC	INQ	4	AVG	No	Oldest part (tape journal only)	4
OPENSTATUS	CVDAS	INQ	4	LIKE	No	Open status	2
OPENSTATUS Output valid values	OPENOUTPUT, CLOSED						
RECWRCNT	DECIMAL	STAT	5	SUM	No	Number of records written	17
TAPESLFT	CNUMERIC	STAT	2	AVG	No	Number of tapes left	8
TAPESOPEN	CNUMERIC	STAT	2	AVG	No	Number of tapes opened	7

MJRNLNAM Resource Table

A CICS Monitored resource that describes a subset of the journal name attributes sampled by the CICSplex SM MAS Monitor agents.

Instances of this resource are only presented when monitoring MJRNL class definitions are installed in systems running the CICS TS for OS/390.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length

80

Usage

API or EVALDEF

API view

Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Monitored

Copybook identifier
EYUt1402

Table 571. Valid CPSM operations

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

Table 572. MJRNLNAM FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_RECO	Monitored resource required by Real Time Analysis (RTA)

Table 573. MJRNLNAM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
JOURNALNAME-1	CHAR	INQ	8	DIFF	Yes	Journal name	2
NUMBUFLUSH	CNUMERIC	STAT	4	AVG	No	Number of buffer flush requests	6
NUMBYTES	BINARY	STAT	8	AVG	No	Total number of bytes written	5
NUMWRITES	CNUMERIC	STAT	4	AVG	No	Number of journal writes	4
STREAMNAME	CHAR	INQ	26	DIFF	No	MVS log stream	7
TYPE	CVDAS	INQ	4	LIKE	No	Log stream destination	3
TYPE Output valid values	MVS, SMF, DUMMY						

MLOCFILE Resource Table

A CICS Monitored resource that describes a subset of the local file attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name**Length**

208

Usage API or EVALDEF**API view**

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Monitored

Copybook identifier

EYUt1372

Table 574. Valid CPSM operations

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

Table 575. MLOCFILE FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 576. MLOCFILE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACCESSMETHOD	CVDAS	INQ	4	LIKE	No	Access method	4
ACCESSMETHOD Output valid values	VSAM, BDAM						
ADDCNT	BINARY	STAT	4	AVG	No	Number of WRITE requests	17
BLOCKSIZE	CNUMERIC	INQ	4	AVG	No	Block size (BDAM only)	5

Table 576. MLOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
BROWSECNT	BINARY	STAT	4	AVG	No	The number of READNEXT and READPREV requests	16
BROWUPDCNT	CNUMERIC	STAT	4	AVG	No	Number of browse for update requests	38
CURDEXCPRATE	RATE	CPSM	4	AVG	No	Rate of data I/O operations for current sample	25
CURIEXCPRATE	RATE	CPSM	4	AVG	No	Rate of index I/O operations for current sample	27
CURREQRATE	RATE	CPSM	4	AVG	No	Request rate for current sample	21
DEXCPCNT	BINARY	STAT	4	AVG	No	Number of I/O operations for data records	23
DSNAME	CHAR	INQ	44	DIFF	No	Data set name	6
ENABLESTATUS	CVDAS	INQ	4	LIKE	No	Enabled status	7
ENABLESTATUS Output valid values	ENABLED, DISABLED, UNENABLED, DISABLING						
FILE-1	CHAR	INQ	8	DIFF	Yes	File ID	2
GETCNT	BINARY	STAT	4	AVG	No	Number of READ requests	14
GETUPDCNT	BINARY	STAT	4	AVG	No	Number of READ UPDATE requests	15
IEXCPCNT	BINARY	STAT	4	AVG	No	Number of I/O operations against index component	24
INTDEXCPRATE	RATE	CPSM	4	AVG	No	Rate of data I/O operations for monitor interval	26
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTIEXCPRATE	RATE	CPSM	4	AVG	No	Rate of index I/O operations for monitor interval	28
INTREQRATE	RATE	CPSM	4	AVG	No	Request rate for monitor interval	22
LOCDELNT	BINARY	STAT	4	AVG	No	Number of DELETE requests	19
LSRPOOLID	CHAR	INQ	2	DIFF	No	Local shared resources pool ID	31
NUMACTSTRING	CNUMERIC	STAT	2	AVG	No	Number of active strings	34
NUMDATBUFF	CNUMERIC	STAT	2	AVG	No	Number of data buffers	32
NUMINDEXBUFF	CNUMERIC	STAT	2	AVG	No	Number of index buffers	33
NUMSTRINGWT	CNUMERIC	STAT	2	AVG	No	Current number of string waits	35
OBJECT	CVDAS	INQ	4	LIKE	No	Data set type (base or path)	8
OBJECT Output valid values	BASE, PATH						
OPENSTATUS	CVDAS	INQ	4	LIKE	No	Open status	9
OPENSTATUS Output valid values	OPEN, CLOSED, OPENING, CLOSING, CLOSEREQUEST						
RECORDSIZE	BINARY	INQ	4	AVG	No	Record size	10
RLSREQWTO	CNUMERIC	STAT	4	AVG	No	Record level sharing (RLS) request wait timeouts	39
STRINGS	BINARY	INQ	4	AVG	No	Number of strings	11
TIMECLOSE	DECTSTP	STAT	4	MAX	No	Local time file was closed	12
TIMEOPEN	DECTSTP	STAT	4	MAX	No	Local time file was opened	13
TOTLREQCNT	BINARY	STAT	4	AVG	No	Total number of all requests	20
UPDATECNT	BINARY	STAT	4	AVG	No	Number of REWRITE requests	18
VSAMTYPE	CVDAS	INQ	4	LIKE	No	VSAM file type	3
VSAMTYPE Output valid values	ESDS, KSDS, RRDS						
WSTRCCURCNT	BINARY	STAT	4	AVG	No	Peak number of tasks waiting for a string	30

Table 576. MLOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
WSTRCNT	BINARY	STAT	4	AVG	No	Total requests queued because all strings in use	29

MLOCTRAN Resource Table

A CICS Monitored resource that describes a subset of the local transaction attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length

1392

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Monitored

Copybook identifier

EYUt1380

Table 577. Valid CPSM operations

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

Table 578. MLOCTRAN FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 578. MLOCTRAN FEEDBACK error codes (continued)

9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)
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Table 579. MLOCTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ACTMISMATS	CNUMERIC	STAT	4	AVG	No	Number of action mismatches		146
ALLOCATES	BINARY	CMF	4	AVG	No	Number of TCTTE allocation requests		25
BAACDCCT	BINARY	CMF	4	AVG	No	BTS activity data container requests		193
BAACQPCT	BINARY	CMF	4	AVG	No	BTS acquire process requests		190
BADACTCT	BINARY	CMF	4	AVG	No	BTS define activity requests		185
BADCPACT	BINARY	CMF	4	AVG	No	BTS delete activity and cancel requests		189
BADFIECT	BINARY	CMF	4	AVG	No	BTS define input event requests		196
BADPROCT	BINARY	CMF	4	AVG	No	BTS define process requests		184
BALKPACT	BINARY	CMF	4	AVG	No	BTS link requests		183
BAPRDCCT	BINARY	CMF	4	AVG	No	BTS process data container requests		192
BARASYCT	BINARY	CMF	4	AVG	No	BTS run asynchronous requests		182
BARATECT	BINARY	CMF	4	AVG	No	BTS retrieve reattach event requests		195
BARMPACT	BINARY	CMF	4	AVG	No	BTS resume requests		188
BARSPACT	BINARY	CMF	4	AVG	No	BTS reset requests		186
BARSYNCT	BINARY	CMF	4	AVG	No	BTS run synchronous requests		181
BASUPACT	BINARY	CMF	4	AVG	No	BTS suspend requests		187
BATIAECT	BINARY	CMF	4	AVG	No	BTS timer associated event requests		197
BATOTCCT	BINARY	CMF	4	AVG	No	BTS total data container requests		194
BATOTECT	BINARY	CMF	4	AVG	No	BTS total event requests		198
BATOTPCT	BINARY	CMF	4	AVG	No	BTS total requests		191
BMSCOUNT	BINARY	CMF	4	AVG	No	Total BMS requests		64
BMSINCNT	BINARY	CMF	4	AVG	No	Number of BMS in requests		62
BMSMAPCNT	BINARY	CMF	4	AVG	No	Number of BMS map requests		61
BMSOUTCNT	BINARY	CMF	4	AVG	No	Number of BMS out requests		63
CDSAGETM	BINARY	CMF	4	AVG	No	CDSA getmains		29
CDSAPSHWM	BINARY	CMF	4	AVG	No	CDSA program storage HWM		45
CDSASHWM	BINARY	CMF	4	AVG	No	CDSA storage HWM		33
CDSASOCC	BINARY	CMF	8	AVG	No	CDSA occupancy		37
CFDTWC	CNUMERIC	CMF	4	AVG	No	CF data table wait count		178
CFDTWT	INT16US	CMF	8	AVG	No	CF data table wait time		177
CHARIN	BINARY	CMF	4	AVG	No	Primary terminal control characters in		18
CHARINSEC	BINARY	CMF	4	AVG	No	Secondary terminal control characters in		22
CHAROUT	BINARY	CMF	4	AVG	No	Primary terminal control characters out		20

Table 579. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
CHAROUTSEC	BINARY	CMF	4	AVG	No	Secondary terminal control characters out		24
CHMODECT	BINARY	CMF	4	AVG	No	Dispatcher change modes	E640P	245
CICSWC	CNUMERIC	CMF	4	AVG	No	Wait-CICS count		167
CICSWT	INT16US	CMF	8	AVG	No	Wait-CICS time		166
CPUCNT	BINARY	CMF	4	AVG	No	User task CPU count		88
CPUTIME	INT16US	CMF	8	AVG	No	User task CPU time		73
CTLWC	CNUMERIC	CMF	4	AVG	No	Give up control wait count		171
CTLWT	INT16US	CMF	8	AVG	No	Give up control wait time		170
CURAVGCPUT	INT16US	CPSM	4	MAX	No	Average CPU time for current sample		71
CURAVGRES	INTMSEC	CPSM	4	MAX	No	Average response time for current sample		13
CURTRANRATE	RATE	CPSM	4	SUM	No	Transaction rate for current sample		8
DB2CONWC	BINARY	CMF	4	AVG	No	DB2 connection (TCB) count		220
DB2CONWT	INT16US	CMF	8	AVG	No	DB2 Connection wait time		219
DB2RDYQC	BINARY	CMF	4	AVG	No	DB2 ReadyQ wait count		218
DB2RDYQW	INT16US	CMF	8	AVG	No	DB2 ReadyQ wait time		217
DB2REQCT	BINARY	CMF	4	AVG	No	DB2 total number of requests		242
DB2WAIT	INT16US	CMF	8	AVG	No	DB2 request wait time		221
DB2WAITC	BINARY	CMF	4	AVG	No	DB2 request wait count		222
DHCRECT	BINARY	CMF	4	AVG	No	Document create requests		209
DHINSCT	BINARY	CMF	4	AVG	No	Document insert requests		210
DHRETCT	BINARY	CMF	4	AVG	No	Document retrieve requests		212
DHSETCT	BINARY	CMF	4	AVG	No	Document set requests		211
DHTOTCT	BINARY	CMF	4	AVG	No	Document total requests		213
DHTOTDCL	BINARY	CMF	4	AVG	No	Document total length created		214
DISPCNT	BINARY	CMF	4	AVG	No	Task dispatch count		87
DISPTIME	INT16US	CMF	8	AVG	No	Task dispatch time		72
DSPDELAY	INT16US	CMF	8	AVG	No	First dispatch delay		119
DSPDELAYCT	CNUMERIC	CMF	4	AVG	No	First dispatch delay count		128
ECDSAGETM	BINARY	CMF	4	AVG	No	ECDSA getmains		30
ECDSAPSHWM	BINARY	CMF	4	AVG	No	ECDSA program storage HWM		44
ECDSASHWM	BINARY	CMF	4	AVG	No	ECDSA storage HWM		34
ECDSASOCC	BINARY	CMF	8	AVG	No	ECDSA occupancy		38
ENQDELAY	INT16US	CMF	8	AVG	No	Task control enqueue delay time		122
ENQDELAYCT	CNUMERIC	CMF	4	AVG	No	KC enqueue delay count		131
EXTERNWC	CNUMERIC	CMF	4	AVG	No	External wait count		165
EXTERNWT	INT16US	CMF	8	AVG	No	External wait time		164
EXWAIT	INT16US	CMF	8	AVG	No	Exception wait time		76
EXWAITCNT	CNUMERIC	CMF	4	AVG	No	Exception wait count		91
FCADDCNT	BINARY	CMF	4	AVG	No	Number of file adds		49
FCAMCNT	BINARY	CMF	4	AVG	No	Number of access method requests		52
FCBRWCNT	BINARY	CMF	4	AVG	No	Number of file browses		48
FCCOUNT	BINARY	CMF	4	AVG	No	Total file control requests		51
FCDELCNT	BINARY	CMF	4	AVG	No	Number of file deletes		50

Table 579. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
FCGETCNT	BINARY	CMF	4	AVG	No	Number of file gets		46
FCIOCNT	BINARY	CMF	4	AVG	No	File control I/O wait count		93
FCIOTIME	INT16US	CMF	8	AVG	No	File control I/O wait time		78
FPCUTCNT	BINARY	CMF	4	AVG	No	Number of file puts		47
FORACTINDTO	CNUMERIC	STAT	4	AVG	No	Force actions due to indoubt		142
FORACTNOWT	CNUMERIC	STAT	4	AVG	No	Force actions due to no wait		143
FORACTOPER	CNUMERIC	STAT	4	AVG	No	Force actions due to operator		144
FORACTOTHER	CNUMERIC	STAT	4	AVG	No	Force actions due to other		145
FORACTTRNDF	CNUMERIC	STAT	4	AVG	No	Force actions due to transaction definition		141
GNQDELAC	BINARY	CMF	4	AVG	No	Sysplex-wide enqueue delay count		249
GNQDELAY	INT16US	CMF	8	AVG	No	Sysplex-wide enqueue delay time		248
ICCOUNT	BINARY	CMF	4	AVG	No	Interval control requests		69
ICTOTCNT	BINARY	CMF	4	AVG	No	Total interval control requests		174
IMSREQCT	BINARY	CMF	4	AVG	No	IMS total number of requests		241
IMSWAIT	INT16US	CMF	8	AVG	No	IMS request wait time		215
IMSWAITC	BINARY	CMF	4	AVG	No	IMS request wait count		216
INTAVGCPUT	INT16US	CPSM	4	MAX	No	Average CPU time for interval		84
INTAVGRES	INTMSEC	CPSM	4	MAX	No	Average response time for interval		16
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier		1
INTTRANRATE	RATE	CPSM	4	SUM	No	Transaction rate for interval		9
INTVLWC	CNUMERIC	CMF	4	AVG	No	Interval control wait count		169
INTVLWT	INT16US	CMF	8	AVG	No	Interval control wait time		168
IRIOCNT	BINARY	CMF	4	AVG	No	Interregion I/O count		96
IRIOTIME	INT16US	CMF	8	AVG	No	Interregion I/O wait		81
ISOLATEST	CVDAS	INQ	4	LIKE	No	Isolation status		98
ISOLATEST Output valid values	ISOLATE, NOISOLATE							
J8CPUC	BINARY	CMF	4	AVG	No	J8 TCB mode CPU count		238
J8CPUT	INT16US	CMF	8	AVG	No	J8 TCB mode CPU time		237
JCIOCNT	BINARY	CMF	4	AVG	No	Journal control I/O wait count		94
JCIOTIME	INT16US	CMF	8	AVG	No	Journal control I/O wait time		79
JCUSRWCNT	BINARY	CMF	4	AVG	No	Journal output requests		68
JNLWRTCT	CNUMERIC	CMF	4	AVG	No	Journal write requests		154
JVMSUSP	INT16US	CMF	8	AVG	No	Total JVM suspend time		256
JVMSUSPC	BINARY	CMF	4	AVG	No	Total JVM suspend time count		257
JVMTIME	INT16US	CMF	8	AVG	No	Total JVM elapsed time		254
JVMTIMEC	BINARY	CMF	4	AVG	No	Total JVM elapsed time count		255
L8CPUC	BINARY	CMF	4	AVG	No	L8 TCB mode CPU count		236
L8CPUT	INT16US	CMF	8	AVG	No	L8 TCB mode CPU time		235
LOCALCNT	CNUMERIC	STAT	4	AVG	No	Times local dynamic routing exit ran transaction		12
LOCKMWC	CNUMERIC	CMF	4	AVG	No	Lock manager wait count		161
LOCKMWT	INT16US	CMF	8	AVG	No	Lock manager wait time		160
LOGWRTCT	CNUMERIC	CMF	4	AVG	No	CICS logger write requests		155

Table 579. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
LU61WTT	INT16US	CMF	8	AVG	No	LU6.1 I/O wait time		123
LU61WTTCT	CNUMERIC	CMF	4	AVG	No	LU6.1 I/O wait count		132
LU62WTT	INT16US	CMF	8	AVG	No	LU6.2 I/O wait time		124
LU62WTTCT	CNUMERIC	CMF	4	AVG	No	LU6.2 I/O wait count		133
MSCPUC	BINARY	CMF	4	AVG	No	Other TCB mode CPU count		234
MSCPUP	INT16US	CMF	8	AVG	No	Other TCB mode CPU time		233
MSDISPC	BINARY	CMF	4	AVG	No	Other TCB mode dispatch count		232
MSDISPT	INT16US	CMF	8	AVG	No	Other TCB mode dispatch time		231
MSGIN	BINARY	CMF	4	AVG	No	Primary terminal control messages in		17
MSGINSEC	BINARY	CMF	4	AVG	No	Secondary terminal control messages in		21
MSGOUT	BINARY	CMF	4	AVG	No	Primary terminal control messages out		19
MSGOUTSEC	BINARY	CMF	4	AVG	No	Secondary terminal control messages out		23
MXTDELAY	INT16US	CMF	8	AVG	No	First dispatch delay		121
MXTDELAYCT	CNUMERIC	CMF	4	AVG	No	First dispatch delay MXT count		130
MXTOTDLC	BINARY	CMF	4	AVG	No	Maximum open TCB delay count		224
MXTOTDLY	INT16US	CMF	8	AVG	No	Maximum open TCB delay time		223
NUMINDOUBWT	CNUMERIC	STAT	4	AVG	No	Number of indoubt waits		140
PC24RHWM	CNUMERIC	CMF	4	AVG	No	R/O program storage HWM below 16M		106
PC24SHWM	CNUMERIC	CMF	4	AVG	No	Shared program storage HWM below 16M		108
PC31SHWM	CNUMERIC	CMF	4	AVG	No	Shared program storage HWM above 16M		107
PCDPLCT	BINARY	CMF	4	AVG	No	Distributed program links		245
PCLINKCNT	BINARY	CMF	4	AVG	No	Number of program links		65
PCLOADCNT	BINARY	CMF	4	AVG	No	Number of program loads		67
PCLOADTM	INT16US	CMF	8	AVG	No	Program fetch wait time		83
PCLOADWCNT	CNUMERIC	CMF	4	AVG	No	Program fetch wait count		175
PCLURMCT	BINARY	CMF	4	AVG	No	Link URM count		176
PCXCTLCNT	BINARY	CMF	4	AVG	No	Number of program XCTLs		66
PERRECNT	CNUMERIC	CMF	4	AVG	No	Performance record count		147
PRIORITY	BINARY	CMF	4	AVG	No	Transaction priority		85
PROGRAM	CHAR	CMF	8	DIFF	No	First program		86
PSTG24HWM	BINARY	CMF	4	AVG	No	Program storage HWM below 16M		40
PSTG31HWM	BINARY	CMF	4	AVG	No	Program storage HWM above 16M		41
PSTGHWM	BINARY	CMF	4	AVG	No	Program storage HWM		39
QRCPUC	BINARY	CMF	4	AVG	No	QR TCB mode CPU count		230
QRCPUP	INT16US	CMF	8	AVG	No	QR TCB mode CPU time		229
QRDISPC	BINARY	CMF	4	AVG	No	QR TCB mode dispatch count		228
QRDISPT	INT16US	CMF	8	AVG	No	QR TCB mode dispatch time		227
QRMODDLC	BINARY	CMF	4	AVG	No	QR TCB mode delay count		226
QRMODDLY	INT16US	CMF	8	AVG	No	QR TCB mode delay time		225

Table 579. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
REMOTECNT	CNUMERIC	STAT	4	AVG	No	Number of times run remotely by routing exit		99
REMSTARTCNT	CNUMERIC	STAT	4	AVG	No	Remote start count		100
RESPONSE	INTMSEC	CMF	8	AVG	No	Cumulative response time		15
RESTARTCNT	BINARY	STAT	4	AVG	No	Times restarted		6
RLSCPUCNT	CNUMERIC	CMF	4	AVG	No	RLS CPU time monitor count		163
RLSCPUT	INT16US	CMF	8	AVG	No	RLS SRB CPU time		162
RLSWAIT	INT16US	CMF	8	AVG	No	Total times waited for RLS I/O		158
RLSWAITCNT	CNUMERIC	CMF	4	AVG	No	Task suspend count		159
RMISUSP	INT16US	CMF	8	AVG	No	Total RMI suspend time		126
RMISUSPCT	CNUMERIC	CMF	4	AVG	No	Total RMI suspend count		135
RMITIME	INT16US	CMF	8	AVG	No	Total RMI elapsed time		125
RMITIMECT	CNUMERIC	CMF	4	AVG	No	Total RMI elapsed count		134
RRMSWAIC	BINARY	CMF	4	AVG	No	RRMS/MVS syncpoint delay count		253
RRMSWAIT	INT16US	CMF	8	AVG	No	RRMS/MVS syncpoint delay time		252
RSYSID	CHAR	CMF	4	DIFF	No	Remote system identifier		101
RUNTRWTC	BINARY	CMF	4	AVG	No	Run synchronous transaction wait count		200
RUNTRWTT	INT16US	CMF	8	AVG	No	Run synchronous transaction wait time		199
S8CPUC	BINARY	CMF	4	AVG	No	S8 TCB mode CPU count		240
S8CPUT	INT16US	CMF	8	AVG	No	S8 TCB mode CPU time		239
SC24FSHR	CNUMERIC	CMF	4	AVG	No	Shared storage bytes freed below 16M		150
SC24GSHR	CNUMERIC	CMF	4	AVG	No	Shared storage bytes get below 16M		149
SC24SGCT	CNUMERIC	CMF	4	AVG	No	Shared storage requests below 16M		148
SC31FSHR	CNUMERIC	CMF	4	AVG	No	Shared storage bytes freed above 16M		153
SC31GSHR	CNUMERIC	CMF	4	AVG	No	Shared storage bytes get above 16M		152
SC31SGCT	CNUMERIC	CMF	4	AVG	No	Shared storage getmain above 16M		151
SHDTSWC	CNUMERIC	CMF	4	AVG	No	Shared temporary storage wait count		173
SHDTSWT	INT16US	CMF	8	AVG	No	Shared temporary storage wait time		172
SOBYDECT	BINARY	CMF	4	AVG	No	Socket bytes decrypted		247
SOBYENCT	BINARY	CMF	4	AVG	No	Socket bytes encrypted		246
SOIOWTC	BINARY	CMF	4	AVG	No	Sockets I/O wait count		251
SOIOWTT	INT16US	CMF	8	AVG	No	Sockets I/O wait time		250
SRVSPWC	CNUMERIC	CMF	4	AVG	No	CF data-table-server syncpoint wait count		180
SRVSPWT	INT16US	CMF	8	AVG	No	CF server syncpoint wait time		179
STATUS	CVDAS	INQ	4	LIKE	No	Enabled status		4
STATUS Output valid values	ENABLED, DISABLED							
STGVCNT	BINARY	STAT	4	AVG	No	Number of storage violations		10
SUSPCNT	BINARY	CMF	4	AVG	No	Task suspend count		89
SUSPTIME	INT16US	CMF	8	AVG	No	Task suspend time		74
SYNCCOUNT	BINARY	CMF	4	AVG	No	Syncpoint requests		70

Table 579. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SYNCDLY	INT16US	CMF	8	AVG	No	Waiting for parent syncpoint delay time		201
SYNCDLYC	BINARY	CMF	4	AVG	No	Waiting for parent syncpoint delay count		202
SYNCTIMCNT	CNUMERIC	CMF	4	AVG	No	Total times processed syncpoint request		157
SYNCTIME	INT16US	CMF	8	AVG	No	Syncpoint wait time		156
SZALLCTO	CNUMERIC	CMF	4	AVG	No	FEPI allocate timeouts		115
SZALLOCT	CNUMERIC	CMF	4	AVG	No	FEPI allocates		109
SZCHRIN	CNUMERIC	CMF	4	AVG	No	FEPI characters received		114
SZCHROUT	CNUMERIC	CMF	4	AVG	No	FEPI characters sent		113
SZRCVCT	CNUMERIC	CMF	4	AVG	No	FEPI receives		110
SZRCVTO	CNUMERIC	CMF	4	AVG	No	FEPI receive timeouts		116
SZSENDCT	CNUMERIC	CMF	4	AVG	No	FEPI sends		111
SZSTRCT	CNUMERIC	CMF	4	AVG	No	FEPI starts		112
SZTOTCT	CNUMERIC	CMF	4	AVG	No	Total FEPI requests		117
SZWAIT	INT16US	CMF	8	AVG	No	FEPI suspend time		118
SZWAITCT	CNUMERIC	CMF	4	AVG	No	FEPI suspend time count		127
TCBATTCT	BINARY	CMF	4	AVG	No	Dispatcher TCB attaches		244
TCC62IN2	CNUMERIC	CMF	4	AVG	No	LU6.2 Secondary terminal control chars in		103
TCC62OU2	CNUMERIC	CMF	4	AVG	No	LU6.2 secondary terminal control chars out		105
TCIOCNT	BINARY	CMF	4	AVG	No	Terminal control I/O wait count		92
TCIOTIME	INT16US	CMF	8	AVG	No	Terminal control I/O wait time		77
TCLDELAY	INT16US	CMF	8	AVG	No	First dispatch delay - transaction class		120
TCLDELAYCT	CNUMERIC	CMF	4	AVG	No	First dispatch delay count		129
TCM62IN2	CNUMERIC	CMF	4	AVG	No	LU6.2 secondary terminal control messages in		102
TCM62OU2	CNUMERIC	CMF	4	AVG	No	LU6.2 secondary terminal control messages out		104
TDCOUNT	BINARY	CMF	4	AVG	No	Total transient data requests		56
TDGETCNT	BINARY	CMF	4	AVG	No	Number of transient data gets		53
TDIOCNT	BINARY	CMF	4	AVG	No	Transient data I/O count		97
TDIOTIME	INT16US	CMF	8	AVG	No	Transient data I/O wait time		82
TDPURCNT	BINARY	CMF	4	AVG	No	Number of transient data purges		55
TDPUTCNT	BINARY	CMF	4	AVG	No	Number of transient data puts		54
TERMID	CHAR	INQ	4	DIFF	No	Terminal identifier		3
TERMSTG	CNUMERIC	CMF	4	AVG	No	Terminal storage	E410P	26S
TMRDSCWT	INT16US	CMF	8	AVG	No	MVS DS storage constraint wait time		258
TRANCLASS	CHAR	INQ	8	DIFF	No	Transaction class name		5
TRANID-1	CHAR	INQ	4	DIFF	Yes	Transaction		2
TSCOUNT	BINARY	CMF	4	AVG	No	Total temporary storage requests		60
TSGETCNT	BINARY	CMF	4	AVG	No	Number of temporary storage gets		57
TSIOCNT	BINARY	CMF	4	AVG	No	Temporary storage I/O wait count		95
TSIOTIME	INT16US	CMF	8	AVG	No	Temporary storage I/O wait time		80

Table 579. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TSPUTACNT	BINARY	CMF	4	AVG	No	Number of TS puts to auxiliary storage		58
TSPUTMCNT	BINARY	CMF	4	AVG	No	Number of TS puts to main storage		59
USECOUNT	BINARY	STAT	4	SUM	No	Times used		7
USRP24HWM	BINARY	CMF	4	AVG	No	Program storage HWM below 16M		43
USRP31HWM	BINARY	CMF	4	AVG	No	Program storage HWM above 16M		42
USTG24CNT	BINARY	CMF	4	AVG	No	Number of user getmains below 16M		27
USTG24HWM	BINARY	CMF	4	AVG	No	User task storage HWM below 16M		31
USTG24OCC	BINARY	CMF	8	AVG	No	User task storage occupancy below 16M		35
USTG31CNT	BINARY	CMF	4	AVG	No	Number of user getmains above 16M		28
USTG31HWM	BINARY	CMF	4	AVG	No	User task storage HWM above 16M		32
USTG31OCC	BINARY	CMF	8	AVG	No	User task storage occupancy above 16M		36
WAITCNT	CNUMERIC	CMF	4	AVG	No	Dispatch wait count		90
WAITTIME	INT16US	CMF	8	AVG	No	Dispatch wait time		75
WBCHRIN	BINARY	CMF	4	AVG	No	WEB characters received		204
WBCHROUT	BINARY	CMF	4	AVG	No	WEB characters sent		206
WBRCVCT	BINARY	CMF	4	AVG	No	WEB receive requests		203
WBREPWCT	BINARY	CMF	4	AVG	No	WEB repository writes		208
WBSENDCT	BINARY	CMF	4	AVG	No	WEB send requests		205
WBTOTCT	BINARY	CMF	4	AVG	No	WEB total requests		207

MLSRPBUF Resource Table

A CICS Monitored resource that describes a subset of the LSR pool buffer attributes sampled by the CICSplex SM MAS Monitor agents.

While the MLSRPBUF resource class identifies multiple key attributes, only the POOLSIZE TYPE attribute can be specified in an EVALDEF INSTANCE attribute.

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length

104

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Monitored

Copybook identifier

EYUt1396

Table 580. Valid CPSM operations

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

Table 581. MLSRPBUF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 582. MLSRPBUF resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
COUNT	BINARY	STAT	2	AVG	No	Number of buffers	20
CREADS	BINARY	STAT	4	AVG	No	Number of successful hiperspace CREADs	8
CURHREADRATE	RATE	CPSM	4	AVG	No	Hiperspace read rate for current sample	18
CURHWRITRATE	RATE	CPSM	4	AVG	No	Hiperspace write rate for current sample	16
CURREADRATE	RATE	CPSM	4	AVG	No	Read rate for current sample	14
CURWRITRATE	RATE	CPSM	4	AVG	No	Write rate for current sample	12
CWRITES	BINARY	STAT	4	AVG	No	Number of successful hiperspace CWRITES	9
FAILCREADS	BINARY	STAT	4	AVG	No	Number of failed hiperspace CREADs	10
FAILCWRITES	BINARY	STAT	4	AVG	No	Number of failed hiperspace CWRITES	11
HIPERBUFF	BINARY	STAT	4	AVG	No	Number of hiperspace buffers	3
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier	1
INTHREADRATE	RATE	CPSM	4	AVG	No	Hiperspace read rate for interval	19
INTHWRITRATE	RATE	CPSM	4	AVG	No	Hiperspace write rate for interval	17
INTREADRATE	RATE	CPSM	4	AVG	No	Read rate for interval	15
INTWRITRATE	RATE	CPSM	4	AVG	No	Write rate for interval	13
LOOKASIDES	BINARY	STAT	4	AVG	No	Number of successful lookasides	4
NONUWRITE	BINARY	STAT	4	AVG	No	Number of non-user initiated writes	7
POOLSIZE-1	CHAR	STAT	8	DIFF	Yes	Pool identifier, buffer size, buffer type	2

Table 582. MLSRPBUF resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
READS	BINARY	STAT	4	AVG	No	Number of buffer reads	5
USERIWRITE	BINARY	STAT	4	AVG	No	Number of user initiated writes	6

MLSRPOOL Resource Table

A CICS Monitored resource that describes a subset of the LSR pool attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length

208

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Monitored

Copybook identifier

EYUt1374

Table 583. Valid CPSM operations

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

Table 584. MLSRPOOL FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 584. MLSRPOOL FEEDBACK error codes (continued)

9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REM	Monitored resource required by Real Time Analysis (RTA)
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Table 585. MLSRPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CREATETIME	DECTSTP	STAT	4	MAX	No	Local create time	2
CURDBHITRATE	RATE	CPSM	4	AVG	No	Data buffer lookaside rate for current sample	19
CURDHEREARATE	RATE	CPSM	4	AVG	No	Data buffer CREAD rate for current sample	27
CURDHWIRATE	RATE	CPSM	4	AVG	No	Data buffer CWRITE rate for current sample	25
CURDREADRATE	RATE	CPSM	4	AVG	No	Data buffer read rate for current sample	23
CURDWRITRATE	RATE	CPSM	4	AVG	No	Data buffer write rate for current sample	21
CURIBHITRATE	RATE	CPSM	4	AVG	No	Index buffer lookaside rate for current sample	39
CURIHREARATE	RATE	CPSM	4	AVG	No	Index buffer CREAD rate for current sample	47
CURIHWRIRATE	RATE	CPSM	4	AVG	No	Index buffer CWRITE rate for current sample	45
CURIREADRATE	RATE	CPSM	4	AVG	No	Index buffer read rate for current sample	43
CURIWRITRATE	RATE	CPSM	4	AVG	No	Index buffer write rate for current sample	41
DBLOOKASIDE	BINARY	STAT	4	AVG	No	Number of successful lookasides to data buffers	11
DBNUWRITE	BINARY	STAT	4	AVG	No	Number of non user-initiated data buffer writes	14
DBREAD	BINARY	STAT	4	AVG	No	Number of read I/Os to data buffers	12
DBUFFCNT	BINARY	STAT	4	AVG	No	Number of data buffers	9
DBUIWRITE	BINARY	STAT	4	AVG	No	Number of user-initiated data buffer writes	13
DCREAD	BINARY	STAT	4	AVG	No	Number of successful data buffer CREAD requests	15
DCWRITE	BINARY	STAT	4	AVG	No	Number of successful data buffer CWRITE requests	16
DELETETIME	DECTSTP	STAT	4	MAX	No	Local delete time	3
DFAILCREAD	BINARY	STAT	4	AVG	No	Number of failed data buffer CREAD requests	17
DFAILCWRITE	BINARY	STAT	4	AVG	No	Number of failed data buffer CWRITE requests	18
DHIPERBUF	BINARY	STAT	4	AVG	No	Number of Hiperspace data buffers	10
IBLOOKASIDE	BINARY	STAT	4	AVG	No	Number of lookaside index buffer reads	31
IBNUWRITE	BINARY	STAT	4	AVG	No	Number of non user-initiated index buffer writes	34
IBREADS	BINARY	STAT	4	AVG	No	Total number of index buffer reads	32
IBUFFCNT	BINARY	STAT	4	AVG	No	Number of index buffers	29
IBUIWRITE	BINARY	STAT	4	AVG	No	Number of user-initiated index buffer writes	33
ICREAD	BINARY	STAT	4	AVG	No	Number of successful index buffer CREAD requests	35

Table 585. MLSRPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ICWRITE	BINARY	STAT	4	AVG	No	Number of successful index buffer CWRITE requests	36
IDHIPERBUF	BINARY	STAT	4	AVG	No	Number of Hiperspace index buffers	30
IDXDATFLG	BIT	STAT	1	LIKE	No	Separate data and index flag	50
IFAILCREAD	BINARY	STAT	4	AVG	No	Number of failed index buffer CREAD requests	37
IFAILCWRITE	BINARY	STAT	4	AVG	No	Number of failed index buffer CWRITE requests	38
INTDBHITRATE	RATE	CPSM	4	AVG	No	Data buffer lookaside rate for monitor interval	20
INTDHREARATE	RATE	CPSM	4	AVG	No	Data buffer CREAD rate for monitor interval	28
INTDHWIRATE	RATE	CPSM	4	AVG	No	Data buffer CWRITE rate for monitor interval	26
INTDREADRATE	RATE	CPSM	4	AVG	No	Data buffer read rate for monitor interval	24
INTDWRITRATE	RATE	CPSM	4	AVG	No	Data buffer write rate for monitor interval	22
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTIBHITRATE	RATE	CPSM	4	AVG	No	Index buffer lookaside rate for monitor interval	40
INTIHREARATE	RATE	CPSM	4	AVG	No	Index buffer CREAD rate for monitor interval	48
INTIHWIRATE	RATE	CPSM	4	AVG	No	Index buffer CWRITE rate for monitor interval	46
INTIREADRATE	RATE	CPSM	4	AVG	No	Index buffer read rate for monitor interval	44
INTIWTRITRATE	RATE	CPSM	4	AVG	No	Index buffer write rate for monitor interval	42
LSRPOOLID-1	CHAR	STAT	2	DIFF	Yes	LSR pool id	7
MAXCCURSTR	BINARY	STAT	2	AVG	No	Peak number of concurrent active strings	49
MAXKEYLEN	BINARY	STAT	2	AVG	No	Maximum key length	4
PEAKWAITREQ	BINARY	STAT	2	AVG	No	Peak number of requests waiting	6
TOTSTRINGS	BINARY	STAT	2	AVG	No	Total number of strings	5
TOTWAITREQ	BINARY	STAT	4	AVG	No	Total number of string waits	8

MMODNAME Resource Table

A CICS Monitored resource that describes a subset of the modename attributes sampled by the CICSplex SM MAS Monitor agents.

While the MMODNAME resource class identifies multiple key attributes, only the CONNECTION attribute can be specified in an EVALDEF INSTANCE attribute.

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length

48

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Monitored

Copybook identifier

EYUt1376

Table 586. Valid CPSM operations

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

Table 587. MMODNAME FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_RESOURCE	Monitored resource required by Real Time Analysis (RTA)

Table 588. MMODNAME resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CONNECTION-1	CHAR	INQ	4	DIFF	Yes	Connection name	3
CONNSTATUS	CVDAS	INQ	4	LIKE	No	Connection status	4
CONNSTATUS Output valid values	RELEASED, OBTAINING, ACQUIRED, FREEING, AVAILABLE						
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
NAME-2	CHAR	INQ	8	DIFF	Yes	Mode name	2
SESSACTV	BINARY	INQ	2	SUM	No	Number of active sessions	5
SESSAVAIL	BINARY	INQ	2	SUM	No	Number of sessions available	6
SESSMAX	BINARY	INQ	2	MAX	No	Maximum number of sessions	7
SESSMAXWIN	CNUMERIC	INQ	2	MAX	No	Maximum number of contention winner sessions	8

MNTRATDQ Resource Table

A CICS Monitored resource that describes a subset of the intrapartition transient data queue attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length

72

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Monitored

Copybook identifier

EYUt1385

Table 589. Valid CPSM operations

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

Table 590. MNTRATDQ FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 591. MNTRATDQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ATIFACILITY	CVDAS	INQ	4	LIKE	No	ATI facility	3
ATIFACILITY Output valid values	TERMINAL, NOTERMINAL						

Table 591. MNTRATDQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ATITERMID	CHAR	INQ	4	DIFF	No	ATI terminal identifier	4
ATITRANID	CHAR	INQ	4	DIFF	No	ATI transaction identifier	5
ATIUSERID	CHAR	INQ	8	DIFF	No	ATI user identifier	12
CUROUTQRATE	RATE	CPSM	4	AVG	No	Output rate for current sample	10
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier	1
INTOUTQRATE	RATE	CPSM	4	AVG	No	Output rate for interval	11
NUMITEMS	BINARY	INQ	4	SUM	No	Number of items	7
OUTCNT	BINARY	STAT	4	SUM	No	Number of READ, WRITE, and DELETE requests	9
STATUS	CVDAS	INQ	4	LIKE	No	Enable status	6
STATUS Output valid values	ENABLED, DISABLED						
TDQUEUE-1	CHAR	INQ	4	DIFF	Yes	Queue identifier	2
TRIGGERLEVEL	BINARY	INQ	4	MAX	No	Trigger level	8

MODENAME Resource Table

A CICS Resource that describes an LU6.2 modename in an active CICS system being managed by CICSPlex SM.

While the MODENAME resource class identifies multiple key attributes, only the CONNECTION attribute can be specified in an EVALDEF INSTANCE attribute.

The following actions are supported:

ACQUIRE

Acquire a modename.

CLOSE

Close a modename.

These actions require no unique parameter data.

External resource name

Length

48

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier
EYUt0007

Table 592. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ACQUIRE	None	N/A
	CLOSE	None	N/A

Table 593. MODENAME resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
AUTOCONN	CVDAS	INQ	4	LIKE	No	Autoconnect status	3
AUTOCONN Output valid values	ALLCONN, AUTOCONN, NONAUTOCONN						
CONNECTION-1	CHAR	INQ	4	DIFF	Yes	Connection name	2
CONNSTATUS	CVDAS	INQ	4	LIKE	Yes	Connection status	4
CONNSTATUS Input/output valid values	ACQUIRED						
CONNSTATUS Input valid values	CLOSED						
CONNSTATUS Output valid values	RELEASED, OBTAINING, FREEING, AVAILABLE						
NAME-2	CHAR	INQ	8	DIFF	Yes	Mode name	1
SESSACTV	BINARY	INQ	2	AVG	No	Number of active sessions	5
SESSAVAIL	BINARY	INQ	2	AVG	Yes	Number of sessions available	6
SESSMAX	BINARY	INQ	2	AVG	No	Maximum number of sessions	7
SESSMAXWIN	BINARY	INQ	2	AVG	No	Maximum number of contention winner sessions	8

MONDEF Resource Table

A CPSM Monitor Definition that describes the monitoring requirements for a class of CICS resources. Monitoring requirements include both CICSplex SM resource and resource status facility status monitoring. The resource class and name selection criteria are identified by the attribute values.

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

The following action is supported:

INSTALL

Install the definition into each active CICS system that has monitoring active within the specified scope. If provided the PERIODEF is used to determine the valid operational time of the MONDEF.

The parameter data for the INSTALL action is:

PARM('[PERIOD(period)].')

where:

period = The name of a PERIODEF definition.

The MONDEF is installed in each active CICS system in the current scope that has Monitoring active. If provided, the PERIODEF definition is used to determine the valid operational time of the MONDEF.

External resource name

Length

104

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt3510

Table 594. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	PERIOD(value)	No
		SCOPE(value)	No
	ADDTGRP	ACTIVETIME(value)	No
		RESGROUP(value)	Yes

Table 595. MONDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Name not found	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	21	PARTIAL_INSTALL	Partial install
22	MON_OFF	Monitoring off	23	NOT_INSTALLED	Not installed
24	INV_PERIOD	Period invalid			

Table 596. MONDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
DESC	CHAR	CPSM	58	No	DIFF	No	Description			9
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	16
INCLUDE	EYUDA	CPSM	4	Yes	LIKE	No	Inclusion in CPSM monitoring option	YES		8
INCLUDE Input/output valid values	YES, NO									
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			5
RESCLASS	EYUDA	CPSM	4	Yes	LIKE	No	Monitoring resource class			7
RESCLASS Input/output valid values	MCONN, MFILE, MJRNL, MPROG, MTERM, MTRAN, MTDQS									
RESNAME	CHAR	CPSM	8	Yes	DIFF	No	Name or generic name of resource being monitored			6
RODMPOP	EYUDA	CPSM	4	Yes	LIKE	No	Resource status facility population	NO		11
RODMPOP Input/output valid values	YES, NO									

MONGROUP Resource Table

A CPSM Monitor Definition that provides the association anchor for a set of MONDEF definitions. References to the MONGROUP are inferred to be references to the set of associated MONDEF instances.

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

The following action is supported:

INSTALL

Install the set of MONDEF definitions in the group into each active CICS system that has monitoring active within the specified scope.

The INSTALL action requires no unique parameter data.

The set of MONDEFs is installed in each active CICS system in the current scope that has Monitoring active.

External resource name

Length
80

Usage API or Batch Utility

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Definition

Copybook identifier
EYUt3504

Table 597. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	SCOPE(value)	No
	ADDTOSPC	SPEC(value)	Yes

Table 598. MONGROUP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REF	Name not found	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	21	PARTIAL_INSTALL	Partial install
22	MON_OFF	Monitoring off	23	NOT_INSTALLED	Not installed
24	NOT_UNIQUE	Not unique			

Table 599. MONGROUP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
DESC	CHAR	CPSM	58	No	DIFF	No	Description			6
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	7
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			5

MONINGRP Resource Table

A CPSM Monitor Definition that describes the membership of a monitor definition (MONDEF) in a monitor group (MONGROUP). A MONDEF can be a member of multiple MONGROUPS.

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt5380

Table 600. Valid CPSM operations

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

Table 601. MONINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed			

Table 602. MONINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
ACTIVETIME	CHAR	CPSM	8	No	DIFF	No	Period definition	7
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1

Table 602. MONINGRP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
DEFNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	Monitor definition	6
GROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Monitor group	5

MONINSPC Resource Table

A CPSM Monitor Definition that describes the membership of a monitor group (MONGROUP) in a monitor specification (MONSPEC). A MONGROUP can be a member of multiple MONSPECS.

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

There are no object specific actions for this resource class.

External resource name

Length

24

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt5121

Table 603. Valid CPSM operations

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

Table 604. MONINSPC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
2	REC_NOT_FOUND	Requested resource not found	3	INV_REFERENCE	Attribute references an invalid resource
4	REC_EXISTS	Resource already exists			

Table 605. MONINSPC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
GROUP-2	CHAR	CPSM	8	Yes	DIFF	Yes	Monitor group	6
SPEC-1	CHAR	CPSM	8	Yes	DIFF	Yes	Monitor specification	5

MONITOR Resource Table

A CICS Resource that provides CICS monitoring and statistics information in an active system being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

External resource name

Length

264

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0125

Table 606. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	STATISTICS	ALL	No
		AUTOINSTALL	No
		BEAN	No
		CONNECTION	No
		CORBASERVER	No
		DB2	No
		DISPATCHER	No
		DOCTEMP	No
		ENQUEUE	No
		FEPI	No
		FILE	No

Table 606. Valid CPSM operations (continued)

IPCONN	No
JOURNAL	No
JVMPOOL	No
JVMPROFILE	No
JVMPROGRAM	No
LIBRARY	No
LSRPOOL	No
MONITOR	No
MQCONN	No
PIPELINE	No
PROGAUTOINS	No
PROGRAM	No
RECOVERY	No
REQUESTMODEL	No
RESETNOW	No
STATISTICS	No
STORAGE	No
STREAMNAME	No
SYSDUMP	No
TABLEMGR	No
TCPIP	No
TCPIPSERVICE	No
TEMPSTOR	No
TERMINAL	No
TRANCLASS	No
TRANDATA	No
TRANDUMP	No
TRANSACTION	No
URIMAP	No
VTAM	No
WEBSERVICE	No

Table 607. MONITOR FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	_RESOURCE_REQUIRED	Resource required			

Table 608. MONITOR resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
APPLNAMEST	CVDAS	INQ	4	LIKE	No	Application naming option		59
APPLNAMEST Output valid values	NOAPPLNAME, APPLNAME							
COMPRESSST	CVDAS	INQ	4	LIKE	Yes	Compression status option		61
COMPRESSST Input/output valid values	COMPRESS, NOCOMPRESS							
CONVERSEST	CVDAS	INQ	4	LIKE	Yes	Performance record for conversational task option		1

Table 608. MONITOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
CONVERSEST Input/output valid values	CONVERSE, NOCONVERSE							
ENDOFDAY	DECIMAL	INQ	4	MAX	Yes	Statistics end-of-day time		38
EXCEPTCLASS	CVDAS	INQ	4	LIKE	Yes	Exception class status		2
EXCEPTCLASS Input/output valid values	EXCEPT, NOEXCEPT							
FILELIMIT	BINARY	INQ	2	SUM	No	File resource limit		57
FREQUENCY	DECIMAL	INQ	4	MAX	Yes	Long-running task performance record frequency		3
INTERVAL	DECIMAL	INQ	4	MAX	Yes	Statistics collection interval		37
MNGER	BINARY	STAT	4	AVG	No	Number of CMF exception records		14
MNGERS	BINARY	STAT	4	AVG	No	Number of CMF exception records suppressed by exit		15
MNGPR	BINARY	STAT	4	AVG	No	Number of CMF performance records		16
MNGPRS	BINARY	STAT	4	AVG	No	Number of performance records suppressed by exit		17
MNGRR	BINARY	STAT	4	AVG	No	Number of CMF resource records		20
MNGRRS	BINARY	STAT	4	AVG	No	Number of CMF resource records suppressed by exit		21
MNGSMFR	BINARY	STAT	4	AVG	No	Number of SMF records for CMF		18
MNGSMFRS	BINARY	STAT	4	AVG	No	Number of SMF errors for CMF		19
NUMCMF2SMF	RATE3	CPSM	8	AVG	No	Rate of SMF writes for CMF		41
NUMSTAT2SMF	RATE3	CPSM	8	AVG	No	Rate of SMF writes for statistics		42
PERFCLASS	CVDAS	INQ	4	LIKE	Yes	Performance class status		4
PERFCLASS Input/output valid values	PERF, NOPERF							
PEXCSUPR	PERCENT3	CPSM	4	AVG	No	Percent exception records suppressed to SMF writes		47
PPERSUPR	PERCENT3	CPSM	4	AVG	No	Percent performance records suppressed to writes		48
PRESSUPR	PERCENT3	CPSM	4	AVG	No	Percent resource records suppressed to SMF writes		49
PSMFWERRC	PERCENT3	CPSM	4	AVG	No	Percentage of SMF errors to writes for CMF		43
PSMFWERRS	PERCENT3	CPSM	4	AVG	No	Percent of SMF errors to writes for statistics		44
PSTASUPR	PERCENT3	CPSM	4	AVG	No	Percent of statistics records suppressed to writes		50
RECORDING	CVDAS	INQ	4	LIKE	Yes	STATRCD recording		39
RECORDING Input/output valid values	ON, OFF							
RESRCECLASS	CVDAS	INQ	4	LIKE	Yes	Resource class status		5
RESRCECLASS Input/output valid values	NORESRCE, RESRCE							
RMIST	CVDAS	INQ	4	LIKE	No	RMI option		60

Table 608. MONITOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
RMIST Output valid values	NORMI, RMI							
RSMFWERRC	RATE3	CPSM	8	AVG	No	Rate of SMF write errors for CMF		45
RSMFWERRS	RATE3	CPSM	8	AVG	No	Rate of SMF write errors for statistics		46
RSMFWRITE	RATE3	CPSM	8	AVG	No	Rate of CMF and statistics records written to SMF		54
RSTAWRITE	RATE3	CPSM	8	AVG	No	Statistics write request rate before suppression		52
STATUS	CVDAS	INQ	4	LIKE	Yes	Monitoring status		6
STATUS Input/output valid values	ON, OFF							
STGCSTRT	TIMESTP	STAT	8	MAX	No	Statistics CICS start time		35
STGEODR	BINARY	STAT	4	AVG	No	Number of EOD statistics records		31
STGINTR	BINARY	STAT	4	AVG	No	Number of INT statistics records		30
STGLDW	BINARY	STAT	4	AVG	No	Length of statistics data written		27
STGLRT	TIMESTP	STAT	8	MAX	No	Statistics last reset time		36
STGNC	BINARY	STAT	4	AVG	No	Number of interval collections		25
STGREQR	BINARY	STAT	4	AVG	No	Number of REQ statistics records		33
STGRTR	BINARY	STAT	4	AVG	No	Number of RRT statistics records		34
STGSMFE	BINARY	STAT	4	AVG	No	Number of SMF errors for statistics		29
STGSMFS	BINARY	STAT	4	AVG	No	Number of SMF writes suppressed for statistics		28
STGSMFW	BINARY	STAT	4	AVG	No	Number of SMF writes for statistics		26
STGUSSR	BINARY	STAT	4	AVG	No	Number of USS statistics records		32
SUBSYSTEMID	CHAR	INQ	4	DIFF	No	SYSEVENT class subsystem ID	E650P	ZUS
SYNCPOINTST	CVDAS	INQ	4	LIKE	Yes	Performance record at syncpoint option		8
SYNCPOINTST Input/output valid values	SYNCPOINT, NOSYNCPOINT							
TIME	CVDAS	INQ	4	LIKE	No	Monitor reports clock value		9
TIME Output valid values	GMT, LOCAL							
TOTCICSSTAT	BINARY	CPSM	8	AVG	No	Total statistics records write attempts to SMF		51
TSMFWITES	BINARY	CPSM	8	AVG	No	Total number of SMF write requests		53
TSQUEUELIMIT	BINARY	INQ	2	SUM	No	Temporary storage queue limit		58

MONSPEC Resource Table

A CPSM Monitor Definition that describes the control directives for monitoring a set of CICS systems. Using group associators, a MONSPEC object can determine which MONDEF instances are to be installed in each CICS system. Using scope link associators (LNKSMSCS), a MONSPEC object can determine which CICS systems fall under its processing scope. A CICS System can have a scope link associator to only one MONSPEC.

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

External resource name**Length**

136

Usage API or Batch Utility**API view**

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt3511

Table 609. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDSYSGRP	FORCE	Yes
		GROUP(value)	Yes
		NONE	Yes
		NULL	Yes
	ADDSYSDEF	SYSTEM(value)	Yes

Table 610. MONSPEC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	RODMCMAS_NOT_FOUND	RODMCMAS Not Found	7	INV_REFERENCE	Does not exist
8	LNKASSOC_EXISTS	Association already exists			

Table 611. MONSPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ACTSTATUS	EYUDA	CPSM	4	Yes	LIKE	No	Monitor activation status	INACTIVE		27
ACTSTATUS Input/output valid values	ACTIVE, INACTIVE									

Table 611. MONSPEC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CICSSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for CICS region monitoring	0	0-86400	8
CONNSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for connection monitoring	0	0-86400	14
DBXSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for DB2 and DBCTRL monitoring	0	0-86400	12
DESC	CHAR	CPSM	58	No	DIFF	No	Description			28
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	30
FILESAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for file monitoring	0	0-86400	16
GLBLSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for global region monitoring	0	0-86400	10
JRNLSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for journal monitoring	0	0-86400	18
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Specification			5
PROGSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for program monitoring	0	0-86400	20
RETENTION	BINARY	CPSM	4	Yes	AVG	No	Data retention period	0	0-1440	6
RODMCMAS	CHAR	CPSM	8	No	DIFF	No	Resource status facility CMAS name			29
TDQSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for TDQ monitoring	0	0-86400	24
TERMSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for terminal monitoring	0	0-86400	22
TRANSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for transaction monitoring	0	0-86400	26

MPROGRAM Resource Table

A CICS Monitored resource that describes a subset of the program attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length

120

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Monitored

Copybook identifier

EYUt1377

Table 612. Valid CPSM operations

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

Table 613. MPROGRAM FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 614. MPROGRAM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	

Table 614. MPROGRAM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CURAVGFETCH	INT16US	INQ	4	MAX	No	Average fetch time for current sample	22
CURRUSEPCT	PERCENT	CPSM	4	AVG	No	% of times program reused - current sample	10
CURUSERATE	RATE	CPSM	4	AVG	No	Program access rate for current sample	6
EXECKEY	CVDAS	INQ	4	LIKE	No	Program execution key	13
EXECKEY Output valid values	CICSEXECKEY, USEREXECKEY, NOTAPPLIC						
FETCHCNT	BINARY	STAT	4	AVG	No	Number of times program loaded into storage	9
FETCHTIME	INT16US	STAT	4	AVG	No	Total time for all program fetches	20
HOLDSTATUS	CVDAS	INQ	4	LIKE	No	Hold status	15
HOLDSTATUS Output valid values	HOLD, NOHOLD, NOTAPPLIC						
INTAVGFETCH	INT16US	INQ	4	MAX	No	Average fetch time for monitor interval	23
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTRUSEPCT	PERCENT	CPSM	4	AVG	No	% of times program reused - monitor interval	11
INTUSERATE	RATE	CPSM	4	AVG	No	Program access rate for monitor interval	7
LENGTH	BINARY	INQ	4	AVG	No	Program length	17
LPASTAT	CVDAS	INQ	4	LIKE	No	Link pack area (LPA) status	18
LPASTAT Output valid values	LPA, NOTLPA, NOTAPPLIC						
NEWCOPYCNT	CNUMERIC	STAT	4	AVG	No	Number of NEWCOPY requests issued	3
PROGRAM-1	CHAR	INQ	8	DIFF	Yes	Program name	2
PROGTYPE	CVDAS	INQ	4	LIKE	No	Program type	19
PROGTYPE Output valid values	PROGRAM, MAP, PARTITIONSET						
REMOVECNT	CNUMERIC	STAT	4	AVG	No	Number of times removed by program compression	21
RESCOUNT	BINARY	INQ	4	AVG	No	Number of times program currently accessed	8
RPLID	CNUMERIC	STAT	4	AVG	No	DFHRPL data set number	16
SHARESTATUS	CVDAS	INQ	4	LIKE	No	Share status	14
SHARESTATUS Output valid values	PRIVATE, SHARED, NOTAPPLIC						
STATUS	CVDAS	INQ	4	LIKE	No	Enabled status	12
STATUS Output valid values	ENABLED, DISABLED						
USEAGELSTAT	CNUMERIC	STAT	4	AVG	No	Number of times program accessed since last reset	5
USECOUNT	BINARY	INQ	4	SUM	No	Total number of times program executed	4

MQCONN Resource Table

A CICS resource that describes a subset of the WebSphere MQ connection attributes sampled by the CICSplex SM MAS Monitor agents.

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

There are no object specific actions for this resource class.

External resource name

Length

224

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0159

Table 615. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 616. MQCONN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MQGCONNSTAT	EYUDA	STAT	4	LIKE	No	MQ connection status	7
MQGCONNSTAT Output valid values	CONNECTED, NOTCONNECTED						
MQGINDBTUOW	BINARY	STAT	4	AVG	No	Number of indoubt units of work	26
MQGINITQ	CHAR	STAT	48	DIFF	No	Initiation queue name	8
MQGMQRELEASE	CHAR	STAT	4	DIFF	No	MQ Release	6
MQGQMGRNAME-1	CHAR	STAT	48	DIFF	Yes	MQ queue manager name	1
MQGRESBACUW	BINARY	STAT	4	AVG	No	Number of resolved backout units of work	29
MQGRESCOMUW	BINARY	STAT	4	AVG	No	Number of resolved committed units of work	28
MQGT2PCOMM	BINARY	STAT	4	AVG	No	Number of two phase commit operations	34
MQGTAPI	BINARY	STAT	4	AVG	No	Number of MQ API calls since MQ connected	11
MQGTAPIOK	BINARY	STAT	4	AVG	No	Number of MQ API calls completed successfully	12
MQGTBACKUOW	BINARY	STAT	4	AVG	No	Number of backout units of work	30
MQGTCALL	BINARY	STAT	4	AVG	No	Number of internal MQ calls	13
MQGTCALLIO	BINARY	STAT	4	AVG	No	Number of MQ calls that needed I/O	15

Table 616. MQCONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
MQGTCALLSYNC	BINARY	STAT	4	AVG	No	Number of MQ calls that completed synchronously	14
MQGTCLOSE	BINARY	STAT	4	AVG	No	Number of MQCLOSE requests	19
MQGTCOMMUOW	BINARY	STAT	4	AVG	No	Number of committed units of work	31
MQGTFUTATT	BINARY	STAT	4	AVG	No	Number of MQ API calls when MQ was not connected	10
MQGTGET	BINARY	STAT	4	AVG	No	Number of MQGET requests	20
MQGTGETWAIT	BINARY	STAT	4	AVG	No	Number of MQGET with wait requests	21
MQGTINQ	BINARY	STAT	4	AVG	No	Number of MQINQ requests	24
MQGTOPEN	BINARY	STAT	4	AVG	No	Number of MQOPEN requests	18
MQGTPUT	BINARY	STAT	4	AVG	No	Number of MQPUT requests	22
MQGTPUT1	BINARY	STAT	4	AVG	No	Number of MQPUT1 requests	23
MQGTSET	BINARY	STAT	4	AVG	No	Number of MQSET requests	25
MQGTSPCOMM	BINARY	STAT	4	AVG	No	Number of single phase commit operations	33
MQGTSUBTASK	BINARY	STAT	4	AVG	No	Number of MQ calls that had a TCB switch	17
MQGTTASKEND	BINARY	STAT	4	AVG	No	Number of tasks	32
MQGTTASKS	BINARY	STAT	4	AVG	No	Number of current tasks	9
MQGTWAITMSG	BINARY	STAT	4	AVG	No	Number of MQGET with wait requests that waited	16
MQGUNRESUOW	BINARY	STAT	4	AVG	No	Number of unresolved units of work	27

MREMFIL Resource Table

A CICS Monitored resource that describes a subset of the remote file attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length

88

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Monitored

Copybook identifier

EYUt1373

Table 617. Valid CPSM operations

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

Table 618. MREMFIL FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 619. MREMFIL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ADDCNT	BINARY	STAT	4	AVG	No	Number of WRITE requests	10
BROWSECNT	BINARY	STAT	4	AVG	No	Number of READNEXT and READPREV requests	9
CURREQRATE	RATE	CPSM	4	AVG	No	Request rate for current sample	13
ENABLESTATUS	CVDAS	INQ	4	LIKE	No	Enable status	5
ENABLESTATUS Output valid values	ENABLED, DISABLED, UNENABLED, DISABLING						
FILE-1	CHAR	INQ	8	DIFF	Yes	File ID	2
GETCNT	BINARY	STAT	4	AVG	No	Number of READ Requests	7
GETUPDCNT	BINARY	STAT	4	AVG	No	Number of READ UPDATE requests	8
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTREQRATE	RATE	CPSM	4	AVG	No	Request rate for monitor interval	14
REMDELCNT	BINARY	STAT	4	AVG	No	Number of DELETE requests	6
REMTENAME	CHAR	INQ	8	DIFF	No	Remote file name	3
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name	4
TOTLREQCNT	BINARY	CPSM	4	AVG	No	Total number of all requests	12
UPDATECNT	BINARY	STAT	4	AVG	No	Number of REWRITE requests	11

MREMTDQ Resource Table

A CICS Monitored resource that describes a subset of the remote transient data queue attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length

48

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Monitored

Copybook identifier

EYUt1387

Table 620. Valid CPSM operations

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

Table 621. MREMTDQ FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 622. MREMTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CUROUTQRATE	RATE	CPSM	4	AVG	No	Output rate for current sample	6
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier	1
INTOUTQRATE	RATE	CPSM	4	AVG	No	Output rate for interval	7
OUTCNT	BINARY	STAT	4	SUM	No	Number of READ, WRITE, and DELETE requests	5

Table 622. MREMTDQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
REMOTENAME	CHAR	INQ	4	DIFF	No	Remote name	3
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name	4
TDQUEUE-1	CHAR	INQ	4	DIFF	Yes	Queue identifier	2

MREMTRAN Resource Table

A CICS Monitored resource that describes a subset of the remote transaction attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length

80

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Monitored

Copybook identifier

EYUt1381

Table 623. Valid CPSM operations

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

Table 624. MREMTRAN FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 624. MREMTRAN FEEDBACK error codes (continued)

9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REM	Monitored resource required by Real Time Analysis (RTA)
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Table 625. MREMTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CURAVGRESP	AVERAGE	CPSM	4	MAX	No	Average response time for current sample	10
CURTRANRATE	RATE	CPSM	4	SUM	No	Transaction rate for current sample	7
INTAVGRESP	AVERAGE	CPSM	4	MAX	No	Average response time for monitor interval	11
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTTRANRATE	RATE	CPSM	4	SUM	No	Transaction rate for monitor interval	8
IRIOTIME	INT16US	CMF	4	AVG	No	Interregion wait time	12
REMOTECNT	CNUMERIC	STAT	4	SUM	No	Number of times transaction run remotely	5
REMOTENAME	CHAR	INQ	4	DIFF	No	Remote transaction ID	3
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name	4
REMSTARTCNT	CNUMERIC	STAT	4	AVG	No	Number of times transaction started	14
RESPTIME	BINARY	CMF	4	AVG	No	Response time	9
TRANCLASS	CHAR	INQ	8	DIFF	No	Transaction class name	13
TRANID-1	CHAR	INQ	4	DIFF	Yes	Transaction	2
USECOUNT	BINARY	STAT	4	SUM	No	Number of times transaction has been used	6

MTDQGBL Resource Table

A CICS Monitored resource that describes a subset of the transient data queue attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length

160

Usage API or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Monitored

Copybook identifier
EYUt1383

Table 626. Valid CPSM operations

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

Table 627. MTDQGBL FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 628. MTDQGBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ACCESSCNT	BINARY	STAT	4	AVG	Number of intrapartition accesses	4
BUFFERS	BINARY	STAT	4	AVG	Number of intrapartition buffers	2
BUFFWAITS	BINARY	STAT	4	AVG	Number of intrapartition buffer waits	8
CINUM	BINARY	STAT	4	AVG	Number of control intervals	11
CISIZE	BINARY	STAT	4	AVG	Control interval size	10
CURACCCNT	RATE	CPSM	4	AVG	Intrapartition access rate for current sample	5
CURBUFFWAIT	CNUMERIC	STAT	4	AVG	Number of current buffer waits	30
CURBUFVALDA	CNUMERIC	STAT	4	AVG	Number of current buffers with valid data	31
CURCONBUFAC	CNUMERIC	STAT	4	AVG	Number of current concurrent buffer accesses	29
CURCONSTRAC	CNUMERIC	STAT	4	AVG	Number of current concurrent string accesses	32
CURFULLPER	PERCENT	CPSM	4	AVG	Percentage buffer-full time for current sample	14
CURREADRATE	RATE	CPSM	4	AVG	Read rate for current sample	20
CURSTRWAITS	CNUMERIC	STAT	4	AVG	Number of current string waits	33
CURWRITRATE	RATE	CPSM	4	AVG	Write rate for current sample	18
FMTWRITE	BINARY	STAT	4	AVG	Number of formatting writes	22
INTACCCNT	RATE	CPSM	4	AVG	Intrapartition access rate for monitor interval	6

Table 628. MTDQGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	1
INTFULLPER	PERCENT	CPSM	4	AVG	Percentage buffer-full time for monitor interval	15
INTREADRATE	RATE	CPSM	4	AVG	Read rate for monitor interval	21
INTWRITRATE	RATE	CPSM	4	AVG	Write rate for monitor interval	19
IOERRS	BINARY	STAT	4	AVG	Number of I/O errors	23
NOSPACECNT	BINARY	STAT	4	AVG	Number of times NOSPACE occurred	13
NUMCTRLINTV	CNUMERIC	STAT	4	AVG	Number of control intervals in use	34
PEAKBWAIT	BINARY	STAT	4	AVG	Peak number of intrapartition buffer waits	9
PEAKCACCESS	BINARY	STAT	4	AVG	Peak number of concurrent intrapartition accesses	7
PEAKCIUSE	BINARY	STAT	4	AVG	Peak number of control intervals used	12
PEAKQACTV	BINARY	STAT	4	AVG	Peak number of queues that contain data	3
PEAKSTRACC	BINARY	STAT	4	AVG	Peak number of concurrent string accesses	26
PEAKSTRWAIT	BINARY	STAT	4	AVG	Peak number of string waits	28
READS	BINARY	STAT	4	AVG	Number of reads from data set	17
STRACCESS	BINARY	STAT	4	AVG	Number of times string accessed	25
STRINGS	BINARY	STAT	4	AVG	Number of strings	24
STRNGWAITS	BINARY	STAT	4	AVG	Number of string waits	27
WRITES	BINARY	STAT	4	AVG	Number of writes to data set	16

MTERMNL Resource Table

A CICS Monitored resource that describes a subset of the terminal attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length

136

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Monitored

Copybook identifier

EYUt1378

Table 629. Valid CPSM operations

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

Table 630. MTERMNL FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REO	Monitored resource required by Real Time Analysis (RTA)

Table 631. MTERMNL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACQSTATUS	CVDAS	INQ	4	LIKE	No	Acquired status	26
ACQSTATUS Output valid values	ACQUIRED, RELEASED, ACQUIRING, NOTAPPLIC						
CURIMSGRATE	RATE	CPSM	4	AVG	No	Input message rate for current sample	11
CUROMSGRATE	RATE	CPSM	4	AVG	No	Output message rate for current sample	13
CURTRANRATE	RATE	CPSM	4	AVG	No	Transaction rate for current sample	16
DEVICE	CVDAT	INQ	4	LIKE	No	Device type	3
DEVICE Output valid values	BATCHLU, BIPROG, BISYNCH, CDRDLPRT, CONTNLU, HARDCOPY, INTACTLU, ISCOMMCONV, 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						
INPMMSGCNT	BINARY	STAT	4	AVG	No	Number of input messages	9
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTIMSGRATE	RATE	CPSM	4	AVG	No	Input message rate for monitor interval	12
INTOMSGRATE	RATE	CPSM	4	AVG	No	Output message rate for monitor interval	14
INTTRANRATE	RATE	CPSM	4	AVG	No	Transaction rate for monitor interval	17
LUNAME	CHAR	STAT	8	DIFF	No	LU name	24
NETNAME	CHAR	INQ	8	DIFF	No	Network name	7
OUTMSGCNT	BINARY	STAT	4	AVG	No	Number of output messages	10
PMSGCNT	CNUMERIC	STAT	4	AVG	No	Total pipeline-throwaway count	21
PMSGCONSEC	CNUMERIC	STAT	4	AVG	No	Maximum pipeline-throwaway count	23
PMSGGRPCNT	CNUMERIC	STAT	4	AVG	No	Number of consecutive pipeline-throwaways	22

Table 631. MTERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
POLLCNT	DECIMAL	STAT	4	AVG	No	Number of polls sent to terminal	8
REMOTENAME	CHAR	INQ	4	DIFF	No	Name of terminal in remote CICS	5
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name	6
SERVSTATUS	CVDAS	INQ	4	LIKE	No	Service status	4
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE, GOINGOUT						
STGVCNT	CNUMERIC	STAT	4	AVG	No	Number of storage violations	18
STORAGE	CNUMERIC	STAT	4	AVG	No	Terminal input-output area (TIOA) storage	25
TERMINID-1	CHAR	INQ	4	DIFF	Yes	Terminal ID	2
TERRCNT	BINARY	STAT	4	AVG	No	Number of transaction errors	20
TRANCNT	BINARY	STAT	4	AVG	No	Number of transactions	15
XERRCNT	BINARY	STAT	4	AVG	No	Number of transmission errors	19

MTRANCLS Resource Table

A CICS Monitored resource that describes a subset of the transaction class attributes sampled by the CICSplex SM MAS Monitor agents.

The MTRANCLS resource class can be used to request object instances that were identified as MTCLASS objects in versions of CICS prior to 4.1.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length

104

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Monitored

Copybook identifier
EYUt1400

Table 632. Valid CPSM operations

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

Table 633. MTRANCLS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 634. MTRANCLS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACCEPTAFTRQD	CNUMERIC	STAT	4	AVG	No	Number of transactions accepted after being queued	10
ACCEPTIMMED	CNUMERIC	STAT	4	AVG	No	Number of transactions accepted immediately	9
ACTIVE	BINARY	INQ	4	SUM	No	Number of transactions currently active in class	3
ACTIVEPEAK	BINARY	STAT	4	MAX	No	Peak number of active transactions	13
ATTACHES	CNUMERIC	STAT	4	AVG	No	Total number of attach requests	6
CURQUEEDTIME	INTTSTP	STAT	8	AVG	No	Total time current transactions on queue	18
INSTALLDEFS	CNUMERIC	STAT	4	AVG	No	Number of transaction definitions installed	12
MAXACTIVE	BINARY	INQ	4	MAX	No	Maximum number of transactions allowed in class	2
NAME-1	CHAR	INQ	8	DIFF	Yes	Transaction class	1
PURGEIMMED	CNUMERIC	STAT	4	AVG	No	Number of transactions purged due to threshold	7
PURGETHRESH	CNUMERIC	INQ	4	AVG	No	Purge threshold	5
PURGEWHILEQD	CNUMERIC	STAT	4	AVG	No	Number of transactions purged while queued	11
PURGTHRTIMES	CNUMERIC	STAT	4	AVG	No	Number of times purge threshold met	16
QUEUED	CNUMERIC	INQ	4	AVG	No	Number of transactions currently queued	4
QUEUEDPEAK	CNUMERIC	STAT	4	AVG	No	Peak number of queued transactions	14
QUEUETIME	INTTSTP	STAT	8	AVG	No	Total time transactions queued	17
TIMESATMAX	BINARY	STAT	4	MAX	No	Times maximum active transactions reached	15
TOTQUEDCNT	CNUMERIC	STAT	4	AVG	No	Total number of transactions queued	8

MTSQGBL Resource Table

A CICS Monitored resource that describes a subset of the temporary storage queue attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length

248

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Monitored

Copybook identifier

EYUt1388

Table 635. Valid CPSM operations

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

Table 636. MTSQGBL FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 637. MTSQGBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
AUXFULL	BINARY	STAT	4	AVG	Times auxiliary storage exhausted	23

Table 637. MTSQGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
BUFFERS	BINARY	STAT	4	AVG	Number of temporary storage buffers	26
BUFFWAITS	BINARY	STAT	4	AVG	Count of buffer waits	28
BUFREADS	BINARY	STAT	4	AVG	Buffer reads	32
BUFWRITES	BINARY	STAT	4	AVG	Buffer writes	30
BYTESPERCI	BINARY	STAT	4	AVG	Available bytes per control interval	50
BYTESPERSEG	BINARY	STAT	4	AVG	Bytes per segment	52
CINUM	BINARY	STAT	4	AVG	Number of control intervals in data set	21
CISINUSE	BINARY	STAT	4	AVG	Number of control intervals in use	47
CISIZE	BINARY	STAT	4	AVG	Control interval size	19
COMPRESSIONS	BINARY	STAT	4	AVG	Number of temporary storage compressions	46
CURAGETQRATE	RATE	CPSM	4	AVG	GetQ auxiliary rate current sample	13
CURAPUTQRATE	RATE	CPSM	4	AVG	PutQ auxiliary rate current sample	11
CURBHITRATE	RATE	CPSM	4	AVG	Buffer read hit rate for current sample	33
CURFULLPER	PERCENT	CPSM	4	AVG	Auxiliary storage % full for current sample	24
CURMGETQRATE	RATE	CPSM	4	AVG	GetQ main rate current sample	6
CURMPUTQRATE	RATE	CPSM	4	AVG	PutQ main rate current sample	4
CURREADRATE	RATE	CPSM	4	AVG	Read rate for current sample	37
CURRUWBFR	BINARY	STAT	4	AVG	Current users waiting on buffer	43
CURRUWSTR	BINARY	STAT	4	AVG	Current users waiting on string	42
CURWRITRATE	RATE	CPSM	4	AVG	Write rate for current sample	35
ENTLGQUE	BINARY	STAT	4	AVG	Entries in longest queue	16
EXTTHRESHOLD	BINARY	STAT	4	AVG	Queue extension threshold	53
FMTWRT	BINARY	STAT	4	AVG	Number of format writes	39
GETQAUX	BINARY	STAT	4	AVG	Get/GetQ auxiliary	10
GETQMAIN	BINARY	STAT	4	AVG	Get/Getq main	3
INTAGETQRATE	RATE	CPSM	4	AVG	GetQ auxiliary rate for interval	14
INTAPUTQRATE	RATE	CPSM	4	AVG	PutQ auxiliary rate for interval	12
INTBHITRATE	RATE	CPSM	4	AVG	Buffer read hit rate for interval	34
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval identifier	1
INTFULLPER	PERCENT	CPSM	4	AVG	Auxiliary storage % full for interval	25
INTMGETQRATE	RATE	CPSM	4	AVG	GetQ main rate for interval	7
INTMPUTQRATE	RATE	CPSM	4	AVG	PutQ main rate for interval	5
INTREADRATE	RATE	CPSM	4	AVG	Read rate for interval	38
INTWRITRATE	RATE	CPSM	4	AVG	Write rate for interval	36
IOERRS	BINARY	STAT	4	AVG	Number of I/O errors on DSN	44
LONGAUXREC	BINARY	STAT	4	AVG	Longest auxiliary record length	49
NAMESINUSE	BINARY	STAT	4	AVG	Number of temporary storage names in use	48
PEAKCIUSE	BINARY	STAT	4	AVG	Peak CIs used	22
PEAKQUES	BINARY	STAT	4	AVG	Peak queue names in use	15
PEAKSTG	BINARY	STAT	4	AVG	Peak storage	8
PEAKUSDSTR	BINARY	STAT	4	AVG	Peak strings in use	40
PEAKUWBUF	BINARY	STAT	4	AVG	Peak users waiting on buffers	29
PEAKUWSTR	BINARY	STAT	4	AVG	Peak users waiting on strings	41
PUTQAUX	BINARY	STAT	4	AVG	Put/PutQ auxiliary	9

Table 637. MTSQGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
PUTQMAIN	BINARY	STAT	4	AVG	Put/PutQ main	2
QUECRECNT	BINARY	STAT	4	AVG	Times queues created	17
QUEXTENDS	BINARY	STAT	4	AVG	Queue extensions created	18
SEGSPERCI	BINARY	STAT	4	AVG	Segments per control interval	51
SHRDPOOLCONN	CNUMERIC	STAT	4	AVG	Number of shared pools that CICS is connected to	55
SHRDPOOLDEF	CNUMERIC	STAT	4	AVG	Shared pools defined	54
SHRDREADREQ	CNUMERIC	STAT	4	AVG	Shared read requests	56
SHRDWRITEREQ	CNUMERIC	STAT	4	AVG	Shared write requests	57
STRINGS	BINARY	STAT	4	AVG	Number of temporary storage strings	27
STRINGWAIT	BINARY	STAT	4	AVG	Number of string waits	45
WRTFRECVR	BINARY	STAT	4	AVG	Buffer writes forced for recovery	31
WRTGTCISZ	BINARY	STAT	4	AVG	Writes greater than CISIZE	20

MVSESTG Resource Table

A CICS Resource that describes an MVS storage element for a TCB in the CICS address space.

The key for this resource is a composite element.

There are no object specific actions for this resource class.

External resource name

Length

40

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0141

Table 638. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 639. MVSESTG resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ELEMENTADDR-2	HEX	INQ	4	MAX	Yes	Storage element address		2
ELEMENTLEN	BINARY	INQ	4	SUM	No	Element length		3
INUSELENGTH	BINARY	INQ	4	AVG	No	Element length in use	E640	6
STORAGEKEY	BINARY	INQ	4	AVG	No	Storage key	E640	5
SUBPOOLNUM	BINARY	INQ	4	AVG	No	Subpool number		4
TCBADDRESS-1	HEX	INQ	4	MAX	Yes	Address of MVS TCB		1

MVSTCBGL Resource Table

A CICS Resource that provides information about all the MVS TCBs in the CICS address space.

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

There are no object specific actions for this resource class.

External resource name

Length

72

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0143

Table 640. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 641. MVSTCBGL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
CICSTCBCOUNT	BINARY	STAT	4	SUM	Current CICS TCBs	1
CICSTCBSTGA	BINARY	STAT	4	SUM	Storage above 16M for CICS TCBs	7
CICSTCBSTGAI	BINARY	STAT	4	SUM	Storage in use above 16M	13
CICSTCBSTGB	BINARY	STAT	4	SUM	Storage below 16M for CICS TCBs	5
CICSTCBSTGBI	BINARY	STAT	4	SUM	Storage below 16M in use by CICS TCBs	12
CICSTCBTIME	INTTSTP	STAT	8	SUM	CPU time used by current attached CICS TCBs	3
NCICSTCBSGAI	BINARY	STAT	4	SUM	Storage above 16M in use by non-CICS TCBs	15
NCICSTCBSGBI	BINARY	STAT	4	SUM	Storage in use below 16M	14
NCICSTCBSTGA	BINARY	STAT	4	SUM	Storage above 16M for non-CICS TCBs	8
NCICSTCBSTGB	BINARY	STAT	4	SUM	Storage below 16M for non-CICS TCBs	6
NCICSTCBTIME	INTTSTP	STAT	8	SUM	CPU time used by current attached non-CICS TCBs	4
NONCICSTCBCT	BINARY	STAT	4	SUM	Current non-CICS TCBs	2

MVSTCB Resource Table

A CICS Resource that describes an MVS TCB in the CICS address space.

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

There are no object specific actions for this resource class.

External resource name

Length

72

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0142

Table 642. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 643. MVSTCB resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
TCBADDRESS-1	HEX	STAT	4	MAX	Yes	TCB address	1
TCBCICSTASK	DECIMAL	STAT	4	MAX	No	CICS task number	9
TCBCPUTIME	INTTSTP	STAT	8	MAX	No	CPU time used by the TCB	4
TCBDAUGHTER	HEX	STAT	4	MAX	No	Daughter TCB	8
TCBMOTHER	HEX	STAT	4	MAX	No	Mother TCB	6
TCBNAME	CHAR	STAT	8	DIFF	No	TCB name	2
TCBSISTER	HEX	STAT	4	MAX	No	Sister TCB	7
TCBSTGABOVE	BINARY	STAT	4	SUM	No	Private storage allocated above 16M	5
TCBSTGAINUSE	BINARY	STAT	4	SUM	No	Private storage in use above 16M	15
TCBSTGBELOW	BINARY	STAT	4	SUM	No	Private storage allocated below 16M	3
TCBSTGBINUSE	BINARY	STAT	4	SUM	No	Private storage in use below 16M	14
TCBTYPE	CVDAS	STAT	4	LIKE	No	TCB type	13
TCBTYPE Output valid values	CICS, NONCICS						

MVSWLM Resource Table

MVSWLM Resource Table

A CICS Resource that provides the MVS workload manager (WLM) information in an active system being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

External resource name

Length

80

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier
EYUt0126

Table 644. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 645. MVSWLM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MNGWLMCC	EYUDA	STAT	4	LIKE	CPU critical	14
MNGWLMCC Output valid values	YES, NO					
MNGWLMGI	BINARY	STAT	2	SUM	Goal importance	16
MNGWLMGT	EYUDA	STAT	4	LIKE	Goal type	12
MNGWLMGT Output valid values	VELOCITY, DISCRETIONRY, SYSTEM					
MNGWLMGV	BINARY	STAT	4	SUM	Velocity goal value	13
MNGWLMMD	EYUDA	STAT	4	LIKE	Goal mode	5
MNGWLMMD Output valid values	YES, NO					
MNGWLMRC	CHAR	STAT	8	DIFF	Report class	9
MNGWLMRG	CHAR	STAT	8	DIFF	Resource group	10
MNGWLMSC	CHAR	STAT	8	DIFF	Service class	8
MNGWLM SK	EYUDA	STAT	4	LIKE	Storage critical	15
MNGWLM SK Output valid values	YES, NO					
MNGWLMST	EYUDA	STAT	4	LIKE	WLM server	6
MNGWLMST Output valid values	YES, NO					
MNGWLMWN	CHAR	STAT	8	DIFF	Workload name	11

MXTRATDQ Resource Table

A CICS Monitored resource that describes a subset of the extrapartition transient data queue attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length
48

Usage API or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Monitored

Copybook identifier
EYUt1384

Table 646. Valid CPSM operations

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

Table 647. MXTRATDQ FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 648. MXTRATDQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CUROUTQRATE	RATE	CPSM	4	AVG	No	Output rate for current sample	6
ENABLESTATUS	CVDAS	INQ	4	LIKE	No	Enabled status	3
ENABLESTATUS Output valid values	ENABLED, DISABLED						
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier	1
INTOUTQRATE	RATE	CPSM	4	AVG	No	Output rate for interval	7
OPENSTATUS	CVDAS	INQ	4	LIKE	No	Open status	4
OPENSTATUS Output valid values	OPEN, CLOSED, OPENING, CLOSING, SWITCHING						
OUTCNT	BINARY	STAT	4	AVG	No	Number of READ and WRITE requests	5
TDQUEUE-1	CHAR	INQ	4	DIFF	Yes	Queue identifier	2

OBJECT Resource Table

A CPSM MetaData resource that describes the existence of an object specific action for a CICSplex SM managed object

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

External resource name

Length

96

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Metadata

Copybook identifier

EYUt2579

Table 649. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 650. OBJECT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ACTION-3	CHAR	CPSM	12	DIFF	Yes	Action name	6
APIPERFORM	CHAR	CPSM	1	LIKE	No	Valid for EXEC CPSM PERFORMValid for PERFORMNot valid for PERFORM	18
APIPERFORM Input/output valid values	Y (YES), N (NO)						
DESCRIPTION	CHAR	CPSM	50	DIFF	No	Description	15
ID	BINARY	CPSM	4	AVG	No	Action number	16
OBJECT-1	CHAR	CPSM	8	DIFF	Yes	Object name	4
PARMCOUNT	BINARY	CPSM	4	AVG	No	Parameter count	17
TABLEVER-2	BINARY	CPSM	2	AVG	Yes	Object table version	5
VALCICSES2	BIT	CPSM	1	LIKE	No	Not valid in CICS/ESA byte 2CICS for MVS/ESA 630CICS for MVS/ESA 640CICS for MVS/ESA 650	13
VALCICSES2 Input/output valid values	128 (E630), 64 (E640), 32 (E650)						

Table 650. OBJECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
VALCICSESA	BIT	CPSM	1	LIKE	No	Not valid in CICS/ESACICS/MVS 212CICS/ESA 330CICS/ESA 410CICS for MVS/ESA 510CICS for MVS/ESA 520CICS for MVS/ESA 530CICS for MVS/ESA 610CICS for MVS/ESA 620	7
VALCICSESA Input/output valid values	128 (M212), 64 (E330), 32 (E410), 16 (E510), 8 (E520), 4 (E530), 2 (E610), 1 (E620)						
VALCICSOS2	BIT	CPSM	1	LIKE	No	Not valid in CICS OS/2CICS OS/2 201CICS OS/2 300CICS OS/2 310	9
VALCICSOS2 Input/output valid values	128 (O201), 64 (O300), 32 (O311)						
VALCICSVSE	BIT	CPSM	1	LIKE	No	Not valid in CICS/VSECICS/VSE 220CICS/VSE 230CICS/VSE 410	8
VALCICSVSE Input/output valid values	128 (V220), 64 (V230), 32 (V410)						
VALCICSWNT	BIT	CPSM	1	LIKE	No	Not valid in CICS for WindowsCICS for Windows 430CICS for Windows 500	12
VALCICSWNT Input/output valid values	128 (N430), 64 (N500)						

OBJECT Resource Table

A CPSM MetaData resource that describes the characteristics of a CICSplex SM managed object.

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

There are no object specific actions for this resource class.

External resource name

Length

112

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Metadata

Copybook identifier

EYUt2578

Table 651. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 652. OBJECT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
APIPREFIX	CHAR	CPSM	1	LIKE	No	Requires API prefixRequiredNot required	42
APIPREFIX Input/output valid values	Y (YES), N (NO)						
CMASCONTEXT	CHAR	CPSM	1	DIFF	No	Context is CMASCMAS requiredCMAS not required	41
CMASCONTEXT Input/output valid values	Y (YES), N (NO)						
CREATEREL	CHAR	CPSM	4	DIFF	No	CPSM release object created	10
CURACTVAL	CHAR	CPSM	1	DIFF	No	Actions definedActions definedNo actions	29
CURACTVAL Input/output valid values	Y (YES), N (NO)						
CURCPSMREL	CHAR	CPSM	4	DIFF	No	CPSM release version created	20
CURCREVAL	CHAR	CPSM	1	DIFF	No	Create validValidNot valid	26
CURCREVAL Input/output valid values	Y (YES), N (NO)						
CURDESC	CHAR	CPSM	50	DIFF	No	Table description	38
CURGETVAL	CHAR	CPSM	1	DIFF	No	Get validValidNot valid	24
CURGETVAL Input/output valid values	Y (YES), N (NO)						
CURNUMATTR	BINARY	CPSM	2	AVG	No	Current number attributes	15
CURREMVAL	CHAR	CPSM	1	DIFF	No	Remove validValidNot valid	28
CURREMVAL Input/output valid values	Y (YES), N (NO)						
CURSETVAL	CHAR	CPSM	1	DIFF	No	Set validValidNot valid	25
CURSETVAL Input/output valid values	Y (YES), N (NO)						
CURSTGSIZE	BINARY	CPSM	2	AVG	No	Current table storage size	17
CURTLVER	BINARY	CPSM	2	AVG	No	Current table version	14
CURUPDVAL	CHAR	CPSM	1	DIFF	No	Update validValidNot valid	27
CURUPDVAL Input/output valid values	Y (YES), N (NO)						
CURVALES2	BIT	CPSM	1	LIKE	No	Not valid in CICS/ESA byte 2CICS for MVS/ESA 630CICS for MVS/ESA 640CICS for MVS/ESA 650	45
CURVALES2 Input/output valid values	128 (E630), 64 (E640), 32 (E650)						

Table 652. OBJECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CURVALESA	BIT	CPSM	1	LIKE	No	Not valid in CICS/ESACICS/MVS 212CICS/ESA 330CICS/ESA 410CICS for MVS/ESA 510CICS for MVS/ESA 520CICS for MVS/ESA 530CICS for MVS/ESA 610CICS for MVS/ESA 620	30
CURVALESA Input/output valid values	128 (M212), 64 (E330), 32 (E410), 16 (E510), 8 (E520), 4 (E530), 2 (E610), 1 (E620)						
CURVALOS2	BIT	CPSM	1	LIKE	No	Not valid in CICS OS/2CICS OS/2 201CICS OS/2 300CICS OS/2 310	32
CURVALOS2 Input/output valid values	128 (O201), 64 (O300), 32 (O311)						
CURVALRTA	CHAR	CPSM	1	DIFF	No	Valid for real time analysisValidNot valid	22
CURVALRTA Input/output valid values	Y (YES), N (NO)						
CURVALUTL	CHAR	CPSM	1	DIFF	No	Valid for batchValidNot valid	23
CURVALUTL Input/output valid values	Y (YES), N (NO)						
CURVALVSE	BIT	CPSM	1	LIKE	No	Not valid in CICS/VSECICS/VSE 220CICS/VSE 230CICS/VSE 410	31
CURVALVSE Input/output valid values	128 (V220), 64 (V230), 32 (V410)						
CURVALWNT	BIT	CPSM	1	LIKE	No	Not valid in CICS for WindowsCICS for Windows 430CICS for Windows 500	35
CURVALWNT Input/output valid values	128 (N430), 64 (N500)						
HIGHTBLVER	BINARY	CPSM	2	AVG	No	Highest known table version	7
ID	RESTYPE	CPSM	2	LIKE	No	Object resource type	46
NAME-1	CHAR	CPSM	8	DIFF	Yes	Object name	4
NUMTBLVER	BINARY	CPSM	2	AVG	No	Number of table elements known	6
OBJTYPE	CHAR	CPSM	1	DIFF	No	Object class typeCICS ResourceMonitored CICS ResourceCPSM DefinitionCPSM ResourceCPSM MetadataCPSM NotificationCICS Resource DefinitionCPSM Configuration Definition	12
OBJTYPE Input/output valid values	C (CICSRES), M (MONCRES), D (CPSMDEF), V (CPSMRES), O (METADEF), N (CPSMNTF), R (CICSDEF), L (CPSMCFG)						
OWNERNAME	CHAR	CPSM	3	DIFF	No	Owning major object name	9
QUERYREL	CHAR	CPSM	4	DIFF	No	CPSM release of querying CMAS	11
RELTBLVER	BINARY	CPSM	2	AVG	No	Table version at this CPSM release	8
SCOPEREQ	CHAR	CPSM	1	LIKE	No	Scope requiredScope requiredScope not required	44
SCOPEREQ Input/output valid values	Y (YES), N (NO)						
SCOPE SORT	CHAR	CPSM	1	LIKE	No	Sort by scopeSort by scopeNo scope sort	43

Table 652. OBJECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SCOPESORT Input/output valid values	Y (YES), N (NO)						
VIEWMOD	CHAR	CPSM	1	DIFF	No	Eligible for SPECIFY VIEW commandValidNot valid	40
VIEWMOD Input/output valid values	Y (YES), N (NO)						

OBJSTAT Resource Table

A CPSM MetaData resource that describes control status information about a resource table instance contained in a result set.

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

There are no object specific actions for this resource class.

OBJSTAT does not participate in summary operations.

External resource name

Length

256

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Metadata

Copybook identifier

EYUt2594

Table 653. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 654. OBJSTAT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CICSNAME	CHAR	CPSM	8	LIKE	No	CICS system name	3
CICSREL	CHAR	CPSM	4	LIKE	No	CICS release number	4
CNTRECORDS	BINARY	CPSM	4	LIKE	No	Detail record count for summary	10
CONTEXT	CHAR	CPSM	8	LIKE	No	Context	2

Table 654. OBJSTAT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
KEYDATA	CHAR	CPSM	44	LIKE	No	Native key	12
KEYLEN	BINARY	CPSM	2	LIKE	No	Length of key data	11
LASTOPER	BINARY	CPSM	1	LIKE	No	Last operation typeCopy operationDelete operationGet operationMark operationRefresh operationPerform Object operationPerform Set operationSet operationUnmark operation	8
LASTOPER Input/output valid values	1 (COPY), 2 (DELETE), 3 (GET), 4 (MARK), 5 (REFRESH), 6 (PERFOBJ), 7 (PERFSET), 8 (SET), 9 (UNMARK)						
OBJECT	CHAR	CPSM	8	LIKE	No	Object name	5
OBJTYPE	BINARY	CPSM	1	LIKE	No	Object typeCPSM ResourceLogical View	6
OBJTYPE Input/output valid values	1 (RESOURCE), 2 (VIEW)						
RECORDNUM-1	BINARY	CPSM	4	LIKE	Yes	Record number	1
RECTYPE	BINARY	CPSM	1	LIKE	No	Record typeDetail dataSummarized data	7
RECTYPE Input/output valid values	1 (DETAIL), 2 (SUMMARY)						
RESERVE1	CHAR	CPSM	170	LIKE	No	Reserved	13
STATUS	BIT	CPSM	1	LIKE	No	Record statusRecord markedOperation error	9
STATUS Input/output valid values	128 (MARKED), 1 (OPERERR)						

PARINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type
CICSplex SM Definition

Copybook identifier
EYUt6151

Table 655. Valid CPSM operations

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

Table 656. PARINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 657. PARINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
PARTGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
PARTNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	Partner definition name	6
PARTVER-3	BINARY	CPSM	1	Yes	AVG	Yes	Partner definition version	7

PARMAVA Resource Table

A CPSM MetaData resource that describes the allowable values for a parameter.

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

External resource name

Length

40

Usage

API

API view

No

CMAS context

No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Metadata

Copybook identifier
EYUt2635

Table 658. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 659. PARMAVA resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
LITERAL	CHAR	CPSM	12	DIFF	No	Parameter literal	6
PARMAVAIDN-2	BINARY	CPSM	4	AVG	Yes	AVA number for parameter	5
PARMIDN-1	BINARY	CPSM	4	AVG	Yes	Parameter number	4
VALUE	BINARY	CPSM	4	AVG	No	Parameter value in numeric form	7
VALUENAME	CHAR	CPSM	12	DIFF	No	Parameter value as character string	8

PARTDEF Resource Table

A CICS Definition that describes a partner, which enables application programs to communicate via APPC protocols with a partner application on a remote logical unit.

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

The following actions are supported:

INSTALL

Install a Partner Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length

336

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier
EYUt3806

Table 660. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO)	No
		MODE(value)	No
		NOTIFY(NO INACTIVE RELEASE IFULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET RELATED BOTH NONE)	No
		RELATED(value)	No
		STATECHK(YESINO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 661. PARTDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid overtype	42	INV_OVRBLOCK	Invalid override block

Table 661. PARTDEF FEEDBACK error codes (continued)

43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICTS	Scope conflict

Table 662. PARTDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			13
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15	5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			17
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
NETNAME	CHAR	CPSM	8	Yes	DIFF	No	VTAM node name			8
NETWORK	CHAR	CPSM	8	No	DIFF	No	Network name			9
PROFILE	CHAR	CPSM	8	Yes	DIFF	No	Profile definition name	DFHCICSA		10
TPNAME	CHAR	CPSM	64	No	DIFF	No	Remote transaction program name (characters)			11
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1			14
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2			15
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3			16
XTPNAME	CHAR	CPSM	128	No	DIFF	No	Remote transaction program name (hexadecimal)			12

PARTNER Resource Table

A CICS Resource that describes a CPI-C partner table in an active CICS system being managed by CICSplex SM.

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

The following action is supported:

DISCARD

Discard the partner definition

The DISCARD action requires no unique parameter data.

External resource name

Length

120

Usage API

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0052

Table 663. Valid CPSM operations

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

Table 664. PARTNER resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
NETNAME	CHAR	INQ	8	DIFF	No	Node where partner located	2
NETWORK	CHAR	INQ	8	DIFF	No	Network where partner located	3
PARTNER-1	CHAR	INQ	8	DIFF	Yes	Partner name	1
PROFILE	CHAR	INQ	8	DIFF	No	Profile name for partner	4
TPNAME	CHAR	INQ	64	DIFF	No	Remote transaction program name	5
TPNAMELEN	BINARY	INQ	2	AVG	No	Length of remote transaction program name	6

PERIODEF Resource Table

A CPSM Communications Definition that describes a named period of time. Time periods are used to control when certain management application definitions are installed. They are also used to identify the expected operational period for CICS systems.

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

There are no object specific actions for this resource class.

External resource name

Length

88

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt2811

Table 665. Valid CPSM operations

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

Table 666. PERIODEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed

Table 667. PERIODEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
DESC	CHAR	CPSM	58	No	DIFF	No	Description			10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	11
END	HHMM	CPSM	2	Yes	MAX	No	End time			7
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			5
START	HHMM	CPSM	2	Yes	MAX	No	Start time			6
ZONE	CHAR	CPSM	1	Yes	DIFF	No	Time zone			9

Table 667. PERIODEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ZONEADJ	BINARY	CPSM	1	Yes	AVG	No	Time zone adjustment factor	0		8

PGMINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6154

Table 668. Valid CPSM operations

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

Table 669. PGMINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set

Table 669. PGMINGRP FEEDBACK error codes (continued)

22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 670. PGMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
PROGGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
PROGNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	Program definition name	6
PROGVER-3	BINARY	CPSM	1	Yes	AVG	Yes	Program definition version	7

PIPEDEF Resource Table

A CICS definition that describes the processing nodes that will act on a service request and on the response to it when a CICS application acts in the role of a Web-service provider or requester.

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

The following actions are supported:

INSTALL

Install a Connection Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

ADDTOGRP

Add to resource group

PARM(' [ERRQUEUE] RESGROUP(value) .')

External resource name

Length

1152

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3834

Table 671. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO)	No
		MODE(value)	No
		NOTIFY(NOINACTIVEIRELEASEIFFULL)	No
		OVERRIDE	No
		OVERTYPE(TARGETIRELATEDIBOTHINONE)	No
		RELATED(value)	No
		STATECHK(YESINO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 672. PIPEDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term

Table 672. PIPEDEF FEEDBACK error codes (continued)

45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYS	Missing related system identifier	54	SCOPE_CONFLICTS	Scope conflict

Table 673. PIPEDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CONFIGFILE	CHAR	CPSM	255	Yes	DIFF	No	Configuration file name on HFS for this pipeline				14
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				9
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	67	0-9999999		18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				13
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
POLICYDIR	CHAR	CPSM	255	No	DIFF	No	Reserved area			E640	20
RESPWAIT	CHAR	CPSM	4	No	DIFF	No	Response wait time for Requester Pipeline (SSSS)	DEFT	0-9999	E640	19
RESPWAIT Input/output valid values	DEFT										
SHELF	CHAR	CPSM	255	No	DIFF	No	Name of a directory (shelf) for WSBind files	/var/cicsts			15
STATUS	CVDAS	CPSM	4	No	LIKE	No	ENABLED status	ENABLED			16
STATUS Input/output valid values	ENABLED, DISABLED										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				10

Table 673. PIPEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				12
WSDIR	CHAR	CPSM	255	No	DIFF	No	Name of the WSBIND (pickup) directory on HFS				17

PIPELINE Resource Table

A CICS resource that describes the processing nodes that will act on a service request and on the response to it when a CICS application acts in the role of a Web-service provider or requester.

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

The following actions are supported:

ENABLE

Process inbound service requests normally.

DISABLE

Reject inbound service requests.

DISCARD

Remove this PIPELINE definition.

SCAN Scan the PIPELINE's web service binding directory.

External resource name

Length

1112

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0164

Table 674. Valid CPSM operations

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

Table 675. PIPELINE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
CIDDOMAIN	CHAR	INQ	8	DIFF	No	MIME content id domain name	E640	13
CONFIGFILE	CHAR	INQ	255	DIFF	No	Configuration file name on HFS for this pipeline		4
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Status		2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED							
ENABLESTATUS Output valid values	ENABLING, DISABLING, DISCARDING							
MTOMNOXOPST	EYUDA	INQ	4	LIKE	No	Use MTOM even when no XOP attachments are present	E640	16
MTOMNOXOPST Output valid values	YES, NO							
MTOMST	EYUDA	INQ	4	LIKE	No	SOAP MTOM status	E640	14
MTOMST Output valid values	SUPPORTED, NOTSUPPORTED							
NAME-1	CHAR	INQ	8	DIFF	Yes	Name		1
PIPEMODE	CVDAS	INQ	4	LIKE	No	Pipeline operation mode	E640	8
PIPEMODE Output valid values	REQUESTER, PROVIDER, UNKNOWN							
PIPEUSECOUNT	BINARY	STAT	4	AVG	No	Number of times pipeline has been used		3
POLICYDIR	CHAR	INQ	255	DIFF	No	Reserved area	E640	19
RESPWAIT	BINARY	INQ	4	LIKE	Yes	Response wait time for Requester Pipelines		9
SENDMTOMST	EYUDA	INQ	4	LIKE	No	Outbound SOAP message MTOM status	E640	15
SENDMTOMST Output valid values	YES, NO, SAME							
SHELF	CHAR	INQ	255	DIFF	No	Name of a directory (shelf) for WSBIND files		5
SOAPLEVEL	CHAR	INQ	8	DIFF	No	SOAP level supported by the pipeline	E640	12
SOAPRNUM	BINARY	INQ	4	LIKE	No	SOAP release number part of SOAPLEVEL	E640	11
SOAPVNUM	BINARY	INQ	4	LIKE	No	SOAP version number part of SOAPLEVEL	E640	10
WSDIR	CHAR	INQ	255	DIFF	No	Name of the WSBIND (pickup) directory on HFS		6

Table 675. PIPELINE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
XOPDIRECTST	EYUDA	INQ	4	LIKE	No	Pipeline direct mode XOP status	E640	18
XOPDIRECTST Output valid values	SUPPORTED, NOTSUPPORTED							
XOPSUPPORTST	EYUDA	INQ	4	LIKE	No	Pipeline application handler XOP capability	E640	17
XOPSUPPORTST Output valid values	SUPPORTED, NOTSUPPORTED							

PIPINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6179

Table 676. Valid CPSM operations

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

Table 677. PIPINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found

Table 677. PIPINGRP FEEDBACK error codes (continued)

4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 678. PIPINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
PIPGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
PIPNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	Pipeline definition name	6
PIPVER-3	BINARY	CPSM	1	Yes	AVG	Yes	Pipeline definition version	7

POLMON Resource Table

A CPSM Monitor Manager object that describes a monitor definition installed in a specific CICS system.

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

The following actions are supported:

DISCARD

Unconditionally remove the installed definition.

DEACTIVATE

Remove the installed definition honoring a PERIODEF.

These actions require no unique parameter data.

External resource name

Length

56

Usage

API

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier
EYUt2406

Table 679. Valid CPSM operations

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

Table 680. POLMON FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Invalid name	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Does not exist	4	REC_EXISTS	Record exists
21	DISCARD_NOT_ALLOWED	Discard not allowed	22	DEACT_NOT_ALLOWED	Deactivate not allowed

Table 681. POLMON resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACTIVETIME-3	CHAR	CPSM	8	DIFF	Yes	Activation period	5
INCLUDE	EYUDA	CPSM	4	LIKE	No	Monitoring inclusion status	4
INCLUDE Output valid values	YES, NO						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Definition name	1
RESCCLASS	EYUDA	CPSM	4	LIKE	No	Monitoring resource class	3
RESCCLASS Output valid values	MCICS, MCONN, MGLBL, MDBX, MFILE, MJRNL, MPROG, MTDQS, MTERM, MTRAN						
RESNAME	CHAR	CPSM	8	DIFF	No	Resource name pattern	2
RODMPOP	EYUDA	CPSM	4	LIKE	No	Resource status facility monitoring status	7
RODMPOP Output valid values	YES, NO						
STATUS-2	EYUDA	CPSM	4	LIKE	Yes	Definition status	6
STATUS-2 Output valid values	ACTIVE, PENDING						

PRCINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6170

Table 682. Valid CPSM operations

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

Table 683. PRCINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 684. PRCINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
PRCVER-3	BINARY	CPSM	1	Yes	AVG	Yes	Process type definition version	7
PROCGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
PROCNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	Process type definition name	6

PRNINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6152

Table 685. Valid CPSM operations

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

Table 686. PRNINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 687. PRNINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
PRTNGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
PRTNNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	Partition set definition name	6
PRTNVER-3	BINARY	CPSM	1	Yes	AVG	Yes	Partition set definition version	7

PROCDEF Resource Table

A CICS Definition that describes a Process Type.

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

The following actions are supported:

INSTALL

Install a Process Type Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length

144

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3825

Table 688. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO)	No
		MODE(value)	No
		NOTIFY(NOIIINACTIVEIRELEASEIFFULL)	No
		OVERRIDE	No
		OVERTYPE(TARGETIRELATEDIBOTHINONE)	No
		RELATED(value)	No
		STATECHK(YESINO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 689. PROCDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 689. PROCDEF FEEDBACK error codes (continued)

1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 690. PROCDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
AUDITLEVEL	CVDAS	CPSM	4	Yes	LIKE	No	Audit level	OFF		11
AUDITLEVEL	Input/output valid values									
AUDITLOG	CHAR	CPSM	8	Yes	DIFF	No	Audit log name			10

Table 690. PROCDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			13
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15	5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			17
FILE	CHAR	CPSM	8	Yes	DIFF	No	File name			9
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Enable status	ENABLED		12
STATUS Input/output valid values	ENABLED, DISABLED									
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1			14
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2			15
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3			16

PROCTYP Resource Table

A CICS Resource that describes a process type in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

DISABLE

Disable a process type

DISCARD

Discard a process type.

These actions require no unique parameter data.

External resource name

Length

48

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0101

Table 691. Valid CPSM operations

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

Table 692. PROCTYP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
AUDITLEV	CVDAS	INQ	4	LIKE	Yes	Audit level	4
AUDITLEV Input/output valid values	OFF, FULL, ACTIVITY, PROCESS						
AUDITLOG	CHAR	INQ	8	DIFF	No	Audit log name	3
ENASTAT	CVDAS	INQ	4	LIKE	Yes	Enable status	5
ENASTAT Input/output valid values	ENABLED, DISABLED						
FILE	CHAR	INQ	8	DIFF	No	File name	2
NAME-1	CHAR	INQ	8	DIFF	Yes	BTS process type	1

PROFDEF Resource Table

A CICS Definition that describes a profile, which controls the interactions between transactions and terminals or logical units.

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

The following actions are supported:

INSTALL

Install a Profile Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name**Length**

200

Usage API or Batch Utility

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICS Definition

Copybook identifier
EYUt3808

Table 693. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO)	No
		MODE(value)	No
		NOTIFY(NOINACTIVEIRELEASEIFFULL)	No
		OVERRIDE	No
		OVERTYPE(TARGETIRELATEDIBOTHINONE)	No
		RELATED(value)	No
		STATECHK(YESINO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 694. PROFDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list

Table 694. PROFDEF FEEDBACK error codes (continued)

27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICTS	Scope conflict

Table 695. PROFDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHAINCONTROL	EYUDA	CPSM	4	Yes	LIKE	No	Outbound chaining control	NO			8
CHAINCONTROL Input/output valid values	YES, NO										
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				24
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	0-99999999		30
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				28
DVSUPRT	EYUDA	CPSM	4	Yes	LIKE	No	Supported devices	ALL			9
DVSUPRT Input/output valid values	ALL, NONVTAM, VTAM										
FACILITYLIKE	CHAR	CPSM	4	No	DIFF	No	Facility model				29

Table 695. PROFDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
INBFMH	EYUDA	CPSM	4	Yes	LIKE	No	Pass function management header (FMH) to application	NO			10
INBFMH Input/output valid values	NO, ALL, DIP, EODS										
JOURNAL	CHAR	CPSM	4	No	DIFF	No	Journal identifier	NO	1-99		23
JOURNAL Input/output valid values	NO										
LOGREC	EYUDA	CPSM	4	Yes	LIKE	No	Receive requires logical record	NO			11
LOGREC Input/output valid values	YES, NO										
MODENAME	CHAR	CPSM	8	No	DIFF	No	Mode name				12
MSGINTEG	EYUDA	CPSM	4	Yes	LIKE	No	Message response requested	NO			13
MSGINTEG Input/output valid values	YES, NO										
MSGJRNL	EYUDA	CPSM	4	Yes	LIKE	No	Messages to be journaled	NO			14
MSGJRNL Input/output valid values	NO, INPUT, OUTPUT, INOUT										
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
NEPCLASS	CHAR	CPSM	4	No	DIFF	No	Node error program transaction class	0	0-255		21
ONEWTE	EYUDA	CPSM	4	Yes	LIKE	No	One write operation	NO			15
ONEWTE Input/output valid values	YES, NO										
PRINTERCOMP	EYUDA	CPSM	4	Yes	LIKE	No	Printer compatability option	NO			17
PRINTERCOMP Input/output valid values	YES, NO										

Table 695. PROFDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
PROTECT	EYUDA	CPSM	4	Yes	LIKE	No	Output message recovery	N_A		E510P	108
PROTECT Input/output valid values	YES, NO, N_A										
RAQ	EYUDA	CPSM	4	Yes	LIKE	No	Read ahead queueing option	NO			18
RAQ Input/output valid values	YES, NO										
RTIMOUT	CHAR	CPSM	8	No	DIFF	No	Read time-out value	NO	1-7000		22
RTIMOUT Input/output valid values	NO										
SCRNSIZE	CVDAS	CPSM	4	Yes	LIKE	No	Screen size	DEFAULT			20
SCRNSIZE Input/output valid values	DEFAULT, ALTERNATE										
UCTRAN	EYUDA	CPSM	4	Yes	LIKE	No	Upper case translation	NO			19
UCTRAN Input/output valid values	YES, NO										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				25
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				26
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				27

PROFILE Resource Table

A CICS Resource that identifies a profile in an active CICS system being managed by CICSplex SM.

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

The following action is supported:

DISCARD

Remove the installed profile.

The DISCARD action requires no unique parameter data.

External resource name

Length
24

Usage API

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0053

Table 696. Valid CPSM operations

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

Table 697. PROFILE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
PROFILE-1	CHAR	INQ	8	DIFF	Yes	Profile name	1

PROGDEF Resource Table

A CICS Definition that describes the control information for a program stored in the program library.

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

The following actions are supported:

INSTALL

Install a Program Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length
472

Usage API or Batch Utility

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICS Definition

Copybook identifier
EYUt3809

Table 698. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO)	No
		MODE(AUTO)	No
		NOTIFY(NO INACTIVE RELEASE FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET RELATED BOTH NONE)	No
		RELATED(value)	No
		STATECHK(YESINO)	No
		TARGET(value)	Yes
		USAGE(LOCAL REMOTE)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 699. PROGDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets

Table 699. PROGDEF FEEDBACK error codes (continued)

33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid oertype	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 700. PROGDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
API	EYUDA	CPSM	4	Yes	LIKE	No	Application program interfaces	CICSAPI			36
API Input/output valid values	CICSAPI, OPENAPI										
CEDF	EYUDA	CPSM	4	Yes	LIKE	No	Display execution diagnostic facility (EDF) screens	YES			8
CEDF Input/output valid values	YES, NO										
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CONCURRENCY	EYUDA	CPSM	4	Yes	LIKE	No	Concurrency status	N_A			30
CONCURRENCY Input/output valid values	N_A, QUASIRENT, THREADSAFE										
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				23
DATALOCATION	CVDAS	CPSM	4	Yes	LIKE	No	Data location	BELOW			9
DATALOCATION Input/output valid values	BELOW, ANY										
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	0-99999999		37

Table 700. PROGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				27
DYNAMIC	EYUDA	CPSM	4	Yes	LIKE	No	Dynamic routing status	NO			29
DYNAMIC Input/output valid values	YES, NO										
EXECKEY	CVDAS	CPSM	4	Yes	LIKE	No	Program execution key	USER			10
EXECKEY Input/output valid values	USER, CICS										
EXECUTIONSET	CVDAS	CPSM	4	Yes	LIKE	No	API subset restriction type	FULLAPI			11
EXECUTIONSET Input/output valid values	FULLAPI, DPLSUBSET										
HOTPOOL	EYUDA	CPSM	4	Yes	LIKE	No	Hot pooling status	NO		E640P34S	34
HOTPOOL Input/output valid values	YES, NO										
JVM	EYUDA	CPSM	4	Yes	LIKE	No	Java virtual machine (JVM) mode	NO			31
JVM Input/output valid values	YES, NO, DEBUG										
JVMCLASS	CHAR	CPSM	255	No	DIFF	No	Java virtual machine (JVM) class				32
JVMPROFILE	CHAR	CPSM	8	No	DIFF	No	Java virtual machine (JVM) profile	DFHJVMPR			35
LANGUAGE	EYUDA	CPSM	4	Yes	LIKE	No	Language	N_A			12
LANGUAGE Input/output valid values	ASSEMBLER, C, COBOL, LE370, LEVSE, PLI, RPG, N_A										
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
RELOAD	EYUDA	CPSM	4	Yes	LIKE	No	Reload new copy	NO			13
RELOAD Input/output valid values	YES, NO										

Table 700. PROGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
REMOTENAME	CHAR	CPSM	8	No	DIFF	No	Program name in remote system				18
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	No	Remote system name				19
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	No	Residence status	NO			17
RESIDENT Input/output valid values	YES, NO										
RSL	CHAR	CPSM	8	No	DIFF	No	Resource security value	0	0-24	E330P	20S
RSL Input/output valid values	PUBLIC										
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Enabled status	ENABLED			14
STATUS Input/output valid values	ENABLED, DISABLED										
TRANSID	CHAR	CPSM	4	No	DIFF	No	Mirror transaction name for remote attach				20
USAGE	EYUDA	CPSM	4	Yes	LIKE	No	Program storage release	NORMAL			16
USAGE Input/output valid values	NORMAL, TRANSIENT										
USELPACOPY	EYUDA	CPSM	4	Yes	LIKE	No	Use program from the link pack area (LPA)	NO			15
USELPACOPY Input/output valid values	YES, NO										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				24
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				25
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				26

PROGRAM Resource Table

A CICS Resource that describes a program in an active CICS system being managed by CICSPlex SM.

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

The following actions are supported:

DISABLE

Disable the program.

DISCARD

Remove the installed program.

ENABLE

Enable the program.

NEWCOPY

Load a new copy of the program.

CICS loads the new version from the DFHRPL or dynamic LIBRARY concatenation, or uses an LPA resident version, depending on the PRIVATE or SHARED options. PRIVATE is the default setting.

PHASEIN

CICS will use a new copy of the program for all new transaction requests. CICS continues to use the old copy for all currently running transactions until they have finished, and have a RESCOUNT value of zero. CICS loads the new version from the DFHRPL or dynamic LIBRARY concatenation. or uses an LPA resident version, depending on the PRIVATE or SHARED options. PRIVATE is the default setting.

These actions require no unique parameter data.

Note:

1. The CVDA value returned by CICS for the attribute APIST(CICSAPI) conflicts with an existing CVDA value. In order to retain the attribute's uniqueness, CICSPlex SM adds 9000 to the value returned by CICS.

Note:

External resource name

Length

520

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type
CICS Resource

Copybook identifier
EYUt0017

Table 701. Valid CPSM operations

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

Table 702. PROGRAM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
ALOADTIME	INT16US	CPSM	4	AVG	No	Average load time			37
APIST	CVDAS	INQ	4	LIKE	No	API status			45
APIST Output valid values	CICSAPI, OPENAPI								
CEDFSTATUS	CVDAS	INQ	4	LIKE	Yes	CEDF status			14
CEDFSTATUS Input/output valid values	CEDF, NOCEDF								
CEDFSTATUS Output valid values	NOTAPPLIC								
COBOLTYPE	CVDAS	INQ	4	LIKE	No	COBOL type			23
COBOLTYPE Output valid values	COBOL, COBOLII, NOTINIT, NOTAPPLIC								
CONCURRENCY	CVDAS	INQ	4	LIKE	No	Threadsafe option			30
CONCURRENCY Output valid values	THREADSAFE, QUASIRENT								
COPY	CVDAS	INQ	4	LIKE	Yes	Newcopy required status			28
COPY Input valid values	NEWCOPY, PHASEIN								
COPY Output valid values	REQUIRED, NOTREQUIRED								
CURRENTLOC	EYUDA	STAT	4	LIKE	No	CICS DSA in which current copy is located			27
CURRENTLOC Output valid values	NOCOPY, DSA, CDSA, UDSA, LPA, EDSA, ECDSA, EUDSA, ERDSA, ELPA, ESDSA, RDSA, SDSA								
DATALOCATION	CVDAS	INQ	4	LIKE	No	Data location			16
DATALOCATION Output valid values	BELOW, ANY, NOTAPPLIC								
DYNAMSTATUS	CVDAS	INQ	4	LIKE	No	Dynamic routing type			29
DYNAMSTATUS Output valid values	DYNAMIC, NOTDYNAMIC								

Table 702. PROGRAM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
ENTRYPOINT	ADDRESS	INQ	4	MAX	No	Program entry point			21
EXECKEY	CVDAS	INQ	4	LIKE	No	Program execution key			19
EXECKEY Output valid values	CICSEXECKEY, USEREXECKEY, NOTAPPLIC								
EXECUTIONSET	CVDAS	INQ	4	LIKE	Yes	API subset restriction type			20
EXECUTIONSET Input/output valid values	DPLSUBSET, FULLAPI								
EXECUTIONSET Output valid values	NOTAPPLIC								
FETCHCNT	BINARY	STAT	4	AVG	No	Number of times program loaded into storage			7
FECHTIME	INT16US	STAT	4	MAX	No	Total time for all program fetches			17
HOLDSTATUS	CVDAS	INQ	4	LIKE	No	Hold status			9
HOLDSTATUS Output valid values	HOLD, NOHOLD, NOTAPPLIC								
HOTPOOLING	CVDAS	INQ	4	LIKE	Yes	Hot pooling status		E640PLUS E640PLUS	35
HOTPOOLING Input/output valid values	HOTPOOL, NOTHOTPOOL								
HOTPOOLING Output valid values	NOTAPPLIC								
JVMCLASS	CHAR	INQ	255	DIFF	Yes	Java virtual machine class			33
JVMDEBUG	CVDAS	INQ	4	LIKE	Yes	Java virtual machine (JVM) debug status		E610PLUS	32
JVMDEBUG Input/output valid values	DEBUG, NODEBUG								
JVMPROFILE	CHAR	INQ	8	DIFF	Yes	Java virtual machine (JVM) profile name	DFHJVMPR		36
LANGUAGE	CVDAS	INQ	4	LIKE	No	Language			2
LANGUAGE Output valid values	COBOL, C, LE370, PLIPL1, ASSEMBLER, NOTDEFINED, NOTAPPLIC, LEVSE								
LENGTH	CNUMERIC	INQ	4	MAX	No	Program length			11
LIBRARY	CHAR	INQ	8	DIFF	Yes	LIBRARY name		E640	46
LIBRARYDSN	CHAR	INQ	44	DIFF	Yes	Load data set name		E640	47
LOADPOINT	ADDRESS	INQ	4	MAX	No	Program load point			22
LPASTAT	CVDAS	INQ	4	LIKE	No	Link pack area (LPA) status			13
LPASTAT Output valid values	LPA, NOTLPA, NOTAPPLIC, SVA, NOTSVA								
NEWCOPYCNT	BINARY	STAT	4	AVG	No	Number of NEWCOPY requests issued			3
PGRJUSECOUNT	BINARY	STAT	4	AVG	No	Number of times JVM program used since last reset			44
PROGRAM-1	CHAR	INQ	8	DIFF	Yes	Program name			1

Table 702. PROGRAM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
PROGTYPE	CVDAS	INQ	4	LIKE	No	Program type			15
PROGTYPE Output valid values	PROGRAM, MAP, PARTITIONSET								
REMTENAME	CHAR	INQ	8	DIFF	No	Program name in remote system			24
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name			25
REMOVECNT	BINARY	STAT	4	AVG	No	Number of times removed by program compression			18
RESCOUNT	CNUMERIC	INQ	4	SUM	No	Number of times program currently accessed			6
RLOADING	RATE3	CPSM	8	AVG	No	Rate of program loading			39
RPLID	BINARY	STAT	4	AVG	No	Data set offset number			12
RREMOVAL	RATE3	CPSM	8	AVG	No	Rate of program removal			40
RUNTIME	CVDAS	INQ	4	LIKE	Yes	Runtime environment information			31
RUNTIME Input/output valid values	JVM								
RUNTIME Input valid values	NOJVM								
RUNTIME Output valid values	UNKNOWN, LE370, NONLE370, NOTAPPLIC, XPLINK								
RUSE	RATE3	CPSM	8	AVG	No	Rate of program use			41
SHARESTATUS	CVDAS	INQ	4	LIKE	Yes	Share status			10
SHARESTATUS Input/output valid values	PRIVATE, SHARED								
SHARESTATUS Output valid values	NOTAPPLIC								
STATUS	CVDAS	INQ	4	LIKE	Yes	Enabled status			8
STATUS Input/output valid values	ENABLED, DISABLED								
TRANSID	CHAR	INQ	4	DIFF	No	Mirror transaction name for remote attach			26
USEAGELSTAT	BINARY	STAT	4	AVG	No	Number of times program was used since last reset			5
USECOUNT	CNUMERIC	INQ	4	SUM	No	Total number of times program was executed			4
USEFETCH	AVERAGE3	CPSM	8	AVG	No	Average number of program uses per fetch			38

PROINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6153

Table 703. Valid CPSM operations

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

Table 704. PROINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 705. PROINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
PROFGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
PROFNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	Profile definition name	6
PROFVER-3	BINARY	CPSM	1	Yes	AVG	Yes	Profile definition version	7

PRTNDEF Resource Table

A CICS Definition that describes a partition set, or display partition configuration.

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

The following actions are supported:

INSTALL

Install a Partition Set Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length

144

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3807

Table 706. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES/NO)	No
		MODE(value)	No
		NOTIFY(NO/INACTIVE/RELEASE/IFULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET/RELATED/BOTH/NONE)	No
		RELATED(value)	No
		STATECHK(YES/NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 707. PRTNDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 707. PRTNDEF FEEDBACK error codes (continued)

1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid oertype	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 708. PRTNDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				13
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5

Table 708. PRTNDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	0-99999999		18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				17
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	No	Residence status	NO			8
RESIDENT Input/output valid values	YES, NO										
RSL	CHAR	CPSM	8	No	DIFF	No	Resource security value	0	0-24	E330P10S	10S
RSL Input/output valid values	PUBLIC										
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Partition set status	ENABLED			9
STATUS Input/output valid values	ENABLED, DISABLED										
USAGE	EYUDA	CPSM	4	Yes	LIKE	No	Partition set storage release	NORMAL			10
USAGE Input/output valid values	NORMAL, TRANSIENT										
USELPACOPY	EYUDA	CPSM	4	Yes	LIKE	No	Use copy of partition set from link pack area (LPA)	NO			11
USELPACOPY Input/output valid values	YES, NO										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				14
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				15
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				16

RASGNDEF Resource Table

A CPSM Business Application Services Definition that describes how CICS Definitions of a particular resource class are assigned to and installed in a set of CICS systems.

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

External resource name

Length

1256

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt3520

Table 709. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDTODSC	DESCCODEPAGE(value)	No
		DESCRIPTION(value)	No
		RESDESC(value)	Yes
		RESGROUP(value)	No
		RSCOPE(value)	No
		TSCOPE(value)	No

Table 710. RASGNDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	13	INCONSISTENT_SET	Inconsistent set condition
21	INV_RECORD	Invalid record	22	INV_ACTION	Invalid action
23	INCOMPLETE_DEFSET	Incomplete definition set	24	INCONSISTENT_SCOPES	Inconsistent scopes
25	RASGNDEF_IN_USE	Resource assignment definition in use	26	INV_NAME	Name generic or blanks

Table 710. RASGNDEF FEEDBACK error codes (continued)

27	REFASSIGN_NOTFOUND	Referenced resource assignment not found
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Table 711. RASGNDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	19
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			18
FILTER	CHAR	CPSM	800	No	DIFF	No	Filter string			15
MODE	EYUDA	CPSM	4	Yes	LIKE	No	Resource usage qualifier	N_A		12
MODE Input/output valid values	AUTO, DYNAM, EXTRA, INTRA, IND, STAT, N_A									
ORSTRING	CHAR	CPSM	320	No	DIFF	No	Override string			17
OVERRIDE	EYUDA	CPSM	4	Yes	LIKE	No	Scope that override is applied to	NONE		13
OVERRIDE Input/output valid values	BOTH, RELATED, TARGET, NONE									
RDEFTYPE	CHAR	CPSM	8	Yes	DIFF	No	Resource type			9
REFASSGN	CHAR	CPSM	8	No	DIFF	No	Referenced resource assignment name			10
RESASSGN-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			5
REGROUP	CHAR	CPSM	8	No	DIFF	No	Resource group			8
RSCOPE	CHAR	CPSM	8	No	DIFF	No	Related scope			7
TSCOPE	CHAR	CPSM	8	No	DIFF	No	Target scope			6
USAGE	EYUDA	CPSM	4	Yes	LIKE	No	Resource usage			11
USAGE Input/output valid values	LOCAL, REMOTE									

RASINDSC Resource Table

A CPSM Business Application Services Definition that describes the membership of a resource assignment (RASGNDEF) in a resource description (RESDESC).

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

There are no object specific actions for this resource class.

External resource name
Length 112
Usage API or Batch Utility
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CICSplex SM Definition
Copybook identifier EYUt4866

Table 712. Valid CPSM operations

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

Table 713. RASINDSC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	13	INCONSISTENT_SET	Inconsistent set condition
21	INV_RECORD	Invalid record	22	INV_ACTION	Invalid action
23	INCOMPLETE_DEFINITION	Incomplete definition set	24	REFASSIGN_NOTFOUND	Referenced resource assignment not found
25	INCONSISTENT_SCOPES	Inconsistent scopes	26	INV_NAME	Invalid name
27	INV_MINNAME	Invalid minor name			

Table 714. RASINDSC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	11
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			10
RESASSGN-2	CHAR	CPSM	8	Yes	DIFF	Yes	Resource assignment (RASGNDEF) name			6
RESDESC-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource description (RESDESC) name			5
RESGROUP	CHAR	CPSM	8	No	DIFF	No	Resource group name			9
RSCOPE	CHAR	CPSM	8	No	DIFF	No	Related scope name			8
TSCOPE	CHAR	CPSM	8	No	DIFF	No	Target scope name			7

RASPROC Resource Table

A CPSM Business Application Services Manager object that describes the set of CICS Definitions to be installed in CICS systems for a particular resource assignment (RASGNDEF), if the assignment is associated with a resource description (RESDESC). The CICS systems include all systems named in the target and related scopes (TARGET and RELATED) of the RASGNDEF.

This object is referenced within the scope of a CICSplex and resource assignment. As such, the resource assignment must be explicitly identified in the API GET command PARM option by coding the following text string:

APAR PQ30578

Documentation for APAR PQ30578 added 18/04/2000

```
PARM('RASGNDEF(resassign).')
```

where resassign = (Required) The name of a resource assignment.

Other parameters can also be specified, but the resource assignment name is required.

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

There are no object specific actions for this resource class.

External resource name

Length

88

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2610

Table 715. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		RASGNDEF(value)	Yes

Table 716. RASPROC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	RESASSGN_NOT_FOUND	Resource assignment not found			

Table 717. RASPROC resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ALIAS	CHAR	CPSM	8	DIFF	No	Alias for remote definition	16
DEFVER	BINARY	CPSM	1	AVG	No	Resource definition version	12
MODE	EYUDA	CPSM	4	LIKE	No	Resource usage qualifier	11
MODE Output valid values	AUTO, DYNAM, EXTRA, INTRA, IND, STAT						
RDEFTYPE-2	CHAR	CPSM	8	DIFF	Yes	Resource definition type	5
REFDEF-5	CHAR	CPSM	8	DIFF	Yes	Referenced definition name	13
REFTYPE	CHAR	CPSM	8	DIFF	No	Referenced definition type	15
REFVER	CHAR	CPSM	2	DIFF	No	Referenced definition version	14
RESASSGN-6	CHAR	CPSM	8	DIFF	Yes	Resource assignment name	8
RESDEF-1	CHAR	CPSM	8	DIFF	Yes	Resource definition name	4
RESGROUP	CHAR	CPSM	8	DIFF	No	Resource group name	9
RSCOPE-4	CHAR	CPSM	8	DIFF	Yes	Related scope name	7
TSCOPE-3	CHAR	CPSM	8	DIFF	Yes	Target scope name	6
USAGE	EYUDA	CPSM	4	LIKE	No	Resource usage type	10
USAGE Output valid values	LOCAL, REMOTE						

RDSCPROC Resource Table

A CPSM Business Application Services Manager object that describes the set of CICS Definitions to be installed in CICS systems for a particular resource description (RESDESC).

This object is referenced within the scope of a CICSplex and resource description. As such, the resource description must be explicitly identified in the API GET command PARM option by coding the following text string:

APAR PQ30578

Documentation for APAR PQ30578 added 18/04/2000

```
PARM('RESDESC(resdesc).')
```

where resdesc = (Required) The name of a resource description.

Other parameters can also be specified, but the resource description name is required.

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

There are no object specific actions for this resource class.

External resource name

Length

96

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2609

Table 718. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		RESDESC(value)	Yes

Table 719. RDSCPROC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	RESDESC_NOT_FOUND	Resource description not found			

Table 720. RDSCPROC resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ALIAS	CHAR	CPSM	8	DIFF	No	Alias for remote definition	17
DEFVER	BINARY	CPSM	1	AVG	No	Resource definition version	13
MODE	EYUDA	CPSM	4	LIKE	No	Resource usage qualifier	12
MODE Output valid values	AUTO, DYNAM, EXTRA, INTRA, IND, STAT						
RDEFTYPE-2	CHAR	CPSM	8	DIFF	Yes	Resource definition type	5
REFDEF-5	CHAR	CPSM	8	DIFF	Yes	Referenced definition name	14
REFTYPE	CHAR	CPSM	8	DIFF	No	Referenced definition type	16
REFVER	CHAR	CPSM	2	DIFF	No	Referenced definition version	15
RESASSGN	CHAR	CPSM	8	DIFF	No	Resource assignment name	8
RESDEF-1	CHAR	CPSM	8	DIFF	Yes	Resource definition name	4
RESDESC-6	CHAR	CPSM	8	DIFF	Yes	Resource description name	10
RESGROUP	CHAR	CPSM	8	DIFF	No	Resource group name	9
RSCOPE-4	CHAR	CPSM	8	DIFF	Yes	Related scope name	7
TSCOPE-3	CHAR	CPSM	8	DIFF	Yes	Target scope name	6
USAGE	EYUDA	CPSM	4	LIKE	No	Resource usage type	11
USAGE Output valid values	LOCAL, REMOTE						

RECOVERY Resource Table

A CICS Resource that provides recovery manager information in an active system being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

External resource name

Length

160

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0124

Table 721. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 722. RECOVERY resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
RMGATSHTI	INTTSTP	STAT	8	AVG	Average time UOWs shunted for indoubt failure	29
RMGATSHTR	INTTSTP	STAT	8	AVG	Average UOW commit/backout failure shunt time	31
RMGCATSHTI	INTTSTP	STAT	8	AVG	Average current UOW shunt time for indoubt failure	30
RMGCATSHTR	INTTSTP	STAT	8	AVG	Average current commit/backout failure shunt time	32
RMGCSHIN	BINARY	STAT	4	AVG	Total UOWs currently shunted for indoubt failure	9
RMGCSHRO	BINARY	STAT	4	AVG	Current UOWs shunted for commit/backout failure	11
RMGCSHTI	INTTSTP	STAT	8	MAX	Time current UOWs shunted for indoubt failure	14
RMGCSHTR	INTTSTP	STAT	8	MAX	Current UOW shunt time for commit/backout failure	16
RMGIAFNW	BINARY	STAT	4	AVG	Total of indoubt actions forced by NOWAIT option	19
RMGIAFOP	BINARY	STAT	4	AVG	Total of indoubt actions forced by operator	20
RMGIAFOT	BINARY	STAT	4	AVG	Total of indoubt actions forced by other reasons	21
RMGIAFTI	BINARY	STAT	4	AVG	Total of indoubt actions forced by timeout	18
RMGIAFTR	BINARY	STAT	4	AVG	Total indoubt actions forced by definition	17
RMGIAMIS	BINARY	STAT	4	AVG	Total number of indoubt action mismatches	22
RMGNW61	BINARY	STAT	4	AVG	Total indoubt actions forced by LU61 NOWAIT option	24
RMGNWMRO	BINARY	STAT	4	AVG	Total indoubt actions forced by MRO NOWAIT option	25
RMGNWOTH	BINARY	STAT	4	AVG	Total indoubt actions forced by other NOWAIT	27
RMGNWRMI	BINARY	STAT	4	AVG	Total indoubt actions forced by RMI NOWAIT option	26
RMGNWTD	BINARY	STAT	4	AVG	Total indoubt actions forced by TD NOWAIT option	23
RMGRESYN	BINARY	STAT	4	AVG	Total resynchronization requests issued	7
RMGSYBWD	BINARY	STAT	4	AVG	Number of SYNCPOINT ROLLBACK requests issued	6
RMGSYFWD	BINARY	STAT	4	AVG	Number of SYNCPOINT requests issued	5
RMGTSHIN	BINARY	STAT	4	AVG	Total number of UOWs shunted for indoubt failure	8
RMGTSHRO	BINARY	STAT	4	AVG	Total of UOWs shunted for commit/backout failure	10
RMGTSHTI	INTTSTP	STAT	8	MAX	Total time UOWs shunted for indoubt failure	13
RMGTSHTR	INTTSTP	STAT	8	MAX	Total time UOWs shunted for commit/backout failure	15

REMFIL Resource Table

A CICS Resource that describes a remote file in an active CICS system being managed by CICSplex SM.

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

The following action is supported:

DISCARD

Remove the installed Remote File

The DISCARD action requires no unique parameter data.

External resource name

Length

72

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0010

Table 723. Valid CPSM operations

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

Table 724. REMFILE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ADDCNT	BINARY	STAT	4	AVG	No	Number of WRITE requests	10
BROWSECNT	BINARY	STAT	4	AVG	No	The number of READNEXT and READPREV requests	9
ENABLESTATUS	CVDAS	INQ	4	LIKE	No	Enable status	4
ENABLESTATUS Output valid values	ENABLED, DISABLED, UNENABLED, DISABLING						
FILE-1	CHAR	INQ	8	DIFF	Yes	File ID	1
GETCNT	BINARY	STAT	4	AVG	No	Number of READ requests	7
GETUPDCNT	BINARY	STAT	4	AVG	No	Number of READ UPDATE requests	8
KEYLENGTH	BINARY	INQ	4	AVG	No	Key length	5
REMDLNCNT	BINARY	STAT	4	AVG	No	Number of DELETE requests	6
REMOTENAME	CHAR	INQ	8	DIFF	No	Remote file name	2
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name	3
UPDATECNT	BINARY	STAT	4	AVG	No	Number of REWRITE requests	11

REMTDQ Resource Table

A CICS Resource that describes a remote transient data queue in an active CICS system being managed by CICSplex SM.

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

The following action is supported:

DISCARD

Remove the remote transient data queue.

The DISCARD action requires no unique parameter data.

External resource name

Length

32

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0029

Table 725. Valid CPSM operations

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

Table 726. REMTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
OUTCNT	BINARY	STAT	4	AVG	No	Number of READ, WRITE, and DELETE requests	4
REMOTENAME	CHAR	INQ	4	DIFF	No	Remote name	2
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system	3
TDQUEUE-1	CHAR	INQ	4	DIFF	Yes	Queue ID	1

REMTRAN Resource Table

A CICS Resource that describes a remote transaction in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

DISABLE

Disable the remote transaction.

DISCARD

Remove the remote transaction.

ENABLE

Enable the remote transaction.

These actions require no unique parameter data.

External resource name

Length

96

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0023

Table 727. Valid CPSM operations

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

Table 728. REMTRAN FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid			

Table 729. REMTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
PRIORITY	BINARY	INQ	4	AVG	Yes	Transaction priority	9
PROFILE	CHAR	INQ	8	DIFF	No	Profile name	4
PURGEABILITY	CVDAS	INQ	4	LIKE	Yes	Purgeability status	10
PURGEABILITY Input/output valid values	PURGEABLE, NOTPURGEABLE						
REMOTECNT	BINARY	STAT	4	AVG	No	Number of times transaction run remotely	7
REMOTENAME	CHAR	INQ	8	DIFF	No	Remote transaction ID	2
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name	3
REMSTARTCNT	CNUMERIC	STAT	4	SUM	No	Number of times transaction started	15
ROUTING	CVDAS	INQ	4	LIKE	No	Routing status	6
ROUTING Output valid values	DYNAMIC, STATIC						
RTIMEOUT	BINARY	INQ	4	AVG	No	Read timeout (seconds)	11
SCRNSIZE	CVDAS	INQ	4	LIKE	No	Screen size	12
SCRNSIZE Output valid values	DEFAULT, ALTERNATE						
STATUS	CVDAS	INQ	4	LIKE	Yes	Enabled status	13
STATUS Input/output valid values	ENABLED, DISABLED						
TRANCLASS	CHAR	INQ	8	DIFF	Yes	Transaction class name	14
TRANID-1	CHAR	INQ	4	DIFF	Yes	Transaction ID	1
TRPROF	CHAR	INQ	8	DIFF	No	Name of transaction-routing-session profile	5
USECOUNT	BINARY	STAT	4	AVG	No	Number of times transaction has been used	8

REQID Resource Table

A CICS Resource that describes an outstanding interval control request in an active CICS/ESA 4.1 or later system being managed byCICSplex SM .

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

External resource name

Length

72

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0060

Table 730. Valid CPSM operations

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

Table 731. REQID resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
FMHSTATUS	CVDAS	INQ	4	LIKE	No	Function management headers status	9
FMHSTATUS Output valid values	FMH, NOFMH, NOTAPPLIC						
INTERVAL	DECTIME	INQ	4	MAX	No	Interval until request expires	10
NAME-1	CHAR	INQ	8	MIN	Yes	Request name	1
QUEUE	CHAR	INQ	8	DIFF	No	QUEUE from START command that created request	8
REQTYPE	CVDAS	INQ	4	LIKE	No	Type of command that created request	3
REQTYPE Output valid values	START, POST, DELAY						
RTERMID	CHAR	INQ	4	DIFF	No	RTERMID from START command that created request	7
RTRANSID	CHAR	INQ	4	DIFF	No	RTRANSID from START command that created request	6
TERMID	CHAR	INQ	4	DIFF	No	TERMID from START command that created request	5
TIME	DECTIME	INQ	4	MAX	No	Expiration time	11
TRANSID	CHAR	INQ	4	DIFF	No	TRANSID specified by command creating request	2
USERID	CHAR	INQ	8	DIFF	No	Associated user ID	4

RESDESC Resource Table

A CPSM Business Application Services Definition that describes a set of logically related CICS Definitions. The set of CICS Definitions can be installed in CICS systems that support EXEC CICS CREATE and named as the scope for CICSplex SM requests.

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

The following actions are supported:

INSTALL

Install a Resource Description.

REPLACE

Replace a Resource Description.

The parameter data for these actions is described in “Parameters for installing CICS Definitions” on page 9. For information about the API CREATE parameter, MODEL see “Creating Resource descriptions” on page 7.

External resource name

Length

992

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt3521

Table 732. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		MODEL(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO) NOTIFY(NO INACTIVE RELEASE FULL)	No No
	REPLACE	STATECHK(YESINO) CURRENT(value) FORCEINS(YESINO) NOTIFY(NO INACTIVE RELEASE FULL) STATECHK(YESINO)	No Yes No No No

Table 733. RESDESC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	13	INCONSISTENT_SET	Inconsistent set condition
21	INV_RECORD	Invalid record	22	INV_ACTION	Invalid action

Table 733. RESDESC FEEDBACK error codes (continued)

23	INV_MODEL	Invalid model	24	INCOMPLETE_DEFINES	Incomplete definition set
25	INCONSISTENT_SCOPES	Inconsistent scopes	26	NOTIFY	Notify
27	INSRDSC_NOTFOUND	Install resource description not found	28	REPRDSC_NOTFOUND	Replacement resource description not found
29	PARTIAL_INSTALL	Partial install	30	NOTHING_INSTALLED	Nothing installed
31	NODEFS_SELECTED	NO definitions selected	32	NO_TARGETS	No targets
33	INV_INSRDSC	Invalid install resource description name	34	INV_REPRDSC	Invalid replacement resource description name
35	INV_FORCEINS	Invalid force install	36	INV_STATECHK	Invalid state check
37	INV_NOTIFY	Invalid notify	38	INV_NAME	Name generic or blanks

Table 734. RESDESC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
AUTOINST	EYUDA	CPSM	4	No	LIKE	No	Autoinstall request type	NO		9
AUTOINST Input/output valid values	NO, YES									
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CONDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for connection definitions			11
CONDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for connection definitions			13
CONDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for connection definitions			12
D2CDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for DB2 connection definitions			62
D2CDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for DB2 connection definitions			64
D2CDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for DB2 connection definitions			63

Table 734. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
D2EDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for DB2 entry definitions			65
D2EDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for DB2 entry definitions			67
D2EDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for DB2 entry definitions			66
D2TDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for DB2 transaction definitions			68
D2TDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for DB2 transaction definitions			70
D2TDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for DB2 transaction definitions			69
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	120
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			10
DOCDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for document template definitions			84
DOCDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for document template definitions			86
DOCDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for document template definitions			85
EJCDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for CorbaServer definitions			105
EJCDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for CorbaServer definitions			107
EJCDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for CorbaServer definitions			106

Table 734. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
EJDDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for CICS-deployed JAR file definitions			108
EJDDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for CICS-deployed JAR file definitions			110
EJDDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for CICS-deployed JAR file definitions			109
ENQDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for enqueue model definitions			78
ENQDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for enqueue model definitions			80
ENQDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for enqueue model definitions			79
FLEDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for file definitions			14
FLEDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for file definitions			16
FLEDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for file definitions			15
FNODEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for FEPI node definitions			99
FNODEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for FEPI node definitions			101
FNODEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for FEPI node definitions			100

Table 734. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
FPODEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for FEPI pool definitions			93
FPODEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for FEPI pool definitions			95
FPODEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for FEPI pool definitions			94
FPRDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for FEPI property set definitions			102
FPRDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for FEPI property set definitions			104
FPRDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for FEPI property set definitions			103
FSGDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for file key segment definitions			71
FSGDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for file key segment definitions			73
FSGDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for file key segment definitions			72
FTRDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for FEPI target definitions			96
FTRDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for FEPI target definitions			98
FTRDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for FEPI target definitions			97
IPCDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for IPIC connection definitions			121

Table 734. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
IPCDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for IPIC connection definitions			123
IPCDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for IPIC connection definitions			122
JRLDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for journal definitions			17
JRLDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for journal definitions			19
JRLDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for journal definitions			18
JRMDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for journal model definitions			20
JRMDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for journal model definitions			22
JRMDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for journal model definitions			21
LIBDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for LIBRARY definitions			124
LIBDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for LIBRARY definitions			126
LIBDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for LIBRARY definitions			125
LSCOPE	CHAR	CPSM	8	No	DIFF	No	Logical scope name			6
LSRDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for LSR pool definitions			23

Table 734. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
LSRDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for LSR pool definitions			25
LSRDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for LSR pool definitions			24
LSREGSTR	EYUDA	CPSM	4	No	LIKE	No	Logical scope registration	NO		8
LSREGSTR Input/output valid values	NO, YES									
MAPDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for map set definitions			26
MAPDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for map set definitions			28
MAPDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for map set definitions			27
PARDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for partner definitions			29
PARDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for partner definitions			31
PARDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for partner definitions			30
PIPDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for Pipeline definitions			111
PIPDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for Pipeline definitions			113
PIPDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for Pipeline definitions			112
PRCDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for process type definitions			87

Table 734. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
PRCDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for process type definitions			89
PRCDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for process type definitions			88
PRGDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for program definitions			38
PRGDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for program definitions			40
PRGDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for program definitions			39
PRODEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for profile definitions			35
PRODEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for profile definitions			37
PRODEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for profile definitions			36
PRTDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for partition set definitions			32
PRTDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for partition set definitions			34
PRTDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for partition set definitions			33
RESDESC-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource description name			5
RGSCOPE	CHAR	CPSM	8	No	DIFF	No	Resource group scope name			7
RQMDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for request model definitions			90

Table 734. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
RQMDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for request model definitions			92
RQMDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for request model definitions			91
SESDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for session definitions			41
SESDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for session definitions			43
SESDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for session definitions			42
TCLDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for transaction class definitions			53
TCLDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for transaction class definitions			55
TCLDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for transaction class definitions			54
TCPDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for TCP/IP service definitions			81
TCPDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for TCP/IP service definitions			83
TCPDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for TCP/IP service definitions			82
TDQDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for TD queue definitions			44

Table 734. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
TDQDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for TD queue definitions			46
TDQDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for TD queue definitions			45
TRMDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for terminal definitions			47
TRMDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for terminal definitions			49
TRMDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for terminal definitions			48
TRNDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for transaction definitions			50
TRNDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for transaction definitions			52
TRNDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for transaction definitions			51
TSMDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for TS model definitions			75
TSMDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for TS model definitions			77
TSMDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for TS model definitions			76
TYPDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for typeterm definitions			59
TYPDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for typeterm definitions			61
TYPDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for typeterm definitions			60

Table 734. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
URIDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for URIMAP definitions			114
URIDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for URIMAP definitions			116
URIDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for URIMAP definitions			115
WEBDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for WebService definitions			117
WEBDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for WebService definitions			119
WEBDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for WebService definitions			118

RESGROUP Resource Table

A CPSM Business Application Services Definition that provides the association anchor for a set of CICS Definitions. References to a RESGROUP are inferred to be references to the set of associated CICS Definition instances.

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

The following actions are supported:

INSTALL

Install definitions from a Resource Group.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

For information on the API CREATE parameters (MODEL and MODE), see “Parameters for managing CICS Definitions” on page 7.

External resource name

Length

80

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt3519

Table 735. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		MODE(NOIASSOCIATIONSIMMEMBERS)	Yes
		MODEL(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	ASSIGNMENT(value)	No
		CRITERIA	No
		FORCEINS(YESINO)	No
		MODE(DYNAMISTATIINTRAIND)	Yes
		NOTIFY(NOIINACTIVEIRELEASEIFULL)	Yes
		OVERRIDE	No
		OVERTYPE(TARGETIRELATIONBOTHINONE)	Yes
		REFASSIGN(value)	No
		RELATED(value)	No
		RESTYPE(CONNDEFIDB2CODEFIDB2EDEFIDB2TDEFIDOCDEFIEJCODEFIEJ)	Yes
		STATECHK(YESINO)	No
		TARGET(value)	No
		USAGE(LOCALIREMOTE)	No
	ADDTODSC	DESCCODEPAGE(value)	No
		DESCRIPTION(value)	No
		RESDESC(value)	Yes

Table 736. RESGROUP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INV_RECORD	Invalid record
22	INV_COPYRES	Invalid copy mode	23	INV_MODEL	Invalid model
24	INV_MODEL_REQUIRED	Invalid name required	25	INV_MAX_VERSIONS	Invalid maximum versions
26	INCOMPLETE_DEFINITION	Incomplete definition set	27	RESGROUP_IN_USE	Resource group in use
28	RASGNDEF_IN_USE	Resource assignment definition in use	29	INV_NAME	Invalid name
30	NOTIFY	Notify	31	PARTIAL_INSTALL	Partial install

Table 736. RESGROUP FEEDBACK error codes (continued)

32	NOTHING_INSTALLED	Nothing installed	33	NO_TARGETS	No targets
34	NO_RELATED	No related systems	35	INV_TSCOPE	Invalid target scope
36	INV_RSCOPE	Invalid related scope	37	INV_USAGE	Invalid usage
38	INV_MODE	Invalid mode value	39	INV_STATECHK	Invalid state check
40	INV_FORCEINS	Invalid force install	41	INV_NOTIFY	Invalid notify
42	INV_OVERTYPE	Invalid oertype	43	INV_OVRBLOCK	Invalid override block
44	INV_FILTER	Invalid filter	45	INV_ORSTRING	Invalid override string
46	INV_STRNGTERM	Invalid string terminator	47	INV_EMBEDTERM	Invalid embedded terminator
48	INV_ATTRIBUTE	Invalid attribute	49	INV_OPERATOR	Invalid operator
50	INV_LITERAL	Invalid literal	51	INV_ORSTGNA	Override string not allowed
52	RSCOPE_REQUIRED	Related scope required	53	TSCOPE_REQUIRED	Target scope required
54	USAGE_CONFLICT	Usage conflict	55	REFASSGN_REQ	Referenced resource assignment required
56	REFASSIGN_NOTFOUND	Referenced resource assignment not found	57	RESTYPE_NOTINST	Resource type not installed
58	NODEFS_SELECTED	No definitions selected	59	INCOMPATIBLE_OVERRIDE	Incompatible override
60	INCOMPATIBLE_FILTER	Incompatible filter	61	MORE_THAN_1_RELATED	More than one related system
62	MISSING_RELSYSID	Missing related system identifier	63	SCOPE_CONFLICT	Scope conflict
64	INV_ACTION	Invalid action	65	INCONSISTENT_SET	Inconsistent set

Table 737. RESGROUP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	7
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			6
RESGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			5

RESINDSC Resource Table

A CPSM Business Application Services Definition that describes the membership of a resource group (RESGROUP) in a resource description (RESDESC).

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

There are no object specific actions for this resource class.

External resource name
Length
88
Usage API or Batch Utility
API view
No
CMAS context
No
SCOPE applies
No
Only query CMASs in workload
No
Object type
CICSplex SM Definition
Copybook identifier
EYUt4865

Table 738. Valid CPSM operations

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

Table 739. RESINDSC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	13	INCONSISTENT_SET	Inconsistent set condition
21	INV_RECORD	Invalid record	22	INV_ACTION	Invalid action
23	RESDISC_NOUPD	Resource description not updatable	24	RESGROUP_NOUPD	Resource group not updatable
25	INV_NAME	Invalid name	26	INV_MINNAME	Invalid minor name

Table 740. RESINDSC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	8

Table 740. RESINDSC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			7
RESDESC-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource description name			5
RESGROUP-2	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name			6

RESINGRP Resource Table

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

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

The following action is supported:

REMOVE

Remove the association between a resource definition and a resource group.

The REMOVE action requires no unique parameter data.

External resource name

Length

104

Usage API

API view

Yes

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6144

Table 741. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		RESGROUP(value)	No
		RESNAME(value)	No
		RESTYPE(value)	No
		RESVER(value)	No
REMOVE		None	N/A

Table 742. RESINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
2	REC_NOT_FOUND	Requested resource not found	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 743. RESINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
DEFDESC	CHAR	CPSM	58	No	DIFF	No	Resource definition description			9
DEFNAME-3	CHAR	CPSM	8	Yes	DIFF	Yes	Resource definition			7
DEFTYPE-2	CHAR	CPSM	8	Yes	DIFF	Yes	Resource definition type			6
DEFTYPEX	RESTYPE	CPSM	2	Yes	LIKE	No	Resource definition ID			11
DEFVER-4	BINARY	CPSM	1	Yes	AVG	Yes	Resource definition version	0	0-15	8
INGPTYPE	CHAR	CPSM	8	Yes	LIKE	No	Resource in group type			12
INGPTYPX	RESTYPE	CPSM	2	Yes	LIKE	No	Resource in group ID			13
RESGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group			5

RPLLIST Resource Table

A CICS Resource that describes a data set in the CICS/ESA or CICS/MVS DFHRPL concatenation sequence.

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

There are no object specific actions for this resource class.

External resource name

Length

64

Usage API or EVALDEF

API view

Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0018

Table 744. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 745. RPLLIST resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
DSNAME	CHAR	CPSM	44	DIFF	No	Static RPL data set name	2
RPLNUM-1	BINARY	CPSM	4	AVG	Yes	Static RPL data set position	1

RQMDEF Resource Table

A CICS Definition that describes a request model.

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

The following actions are supported:

INSTALL

Install a Request Model Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length

1264

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type
CICS Definition

Copybook identifier
EYUt3826

Table 746. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO)	No
		MODE(value)	No
		NOTIFY(NOINACTIVEIRELEASEIFULL)	No
		OVERRIDE	No
		OVERTYPE(TARGETIRELATEDIBOTHINONE)	No
		RELATED(value)	No
		STATECHK(YESINO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 747. RQMDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify

Table 747. RQMDEF FEEDBACK error codes (continued)

41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 748. RQMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
BEANNAME	CHAR	CPSM	240	Yes	DIFF	No	Enterprise bean			23
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CORBASERVER	CHAR	CPSM	4	Yes	DIFF	No	CorbaServer			17
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			12
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15	5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	27
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			16
INTERFACE	CHAR	CPSM	255	Yes	DIFF	No	Interface name			25
INTFACETYPE	CVDAS	CPSM	4	Yes	LIKE	No	Java interface type	BOTH		20
INTFACETYPE Input/output valid values	HOME, REMOTE, BOTH, NOTAPPLIC									
MODULE	CHAR	CPSM	255	Yes	DIFF	No	Module name			24
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
OMGINTERFACE	CHAR	CPSM	31	Yes	DIFF	No	Object management group (OMG) interface name			9
OMGMODULE	CHAR	CPSM	58	Yes	DIFF	No	Object management group (OMG) module name			8

Table 748. RQMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
OMGOPERATION	CHAR	CPSM	31	Yes	DIFF	No	Object management group (OMG) operation name			10
OPERATION	CHAR	CPSM	255	Yes	DIFF	No	Operation name			26
RTYPE	CVDAS	CPSM	4	Yes	LIKE	No	Request model type	GENERIC		19
RTYPE Input/output valid values	EJB, CORBA, GENERIC									
TRANSID	CHAR	CPSM	4	Yes	DIFF	No	CICS transaction ID			11
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1			13
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2			14
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3			15

RQMINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6171

Table 749. Valid CPSM operations

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

Table 750. RQMINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 751. RQMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
RQMGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
RQMNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	Request model definition name	6
RQMVER-3	BINARY	CPSM	1	Yes	AVG	Yes	Request model definition version	7

RQMODEL Resource Table

A CICS Resource that describes a request model in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

DISCARD

Discard a request model.

The DISCARD action requires no unique parameter data.

External resource name

Length

1168

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0098

Table 752. Valid CPSM operations

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

Table 753. RQMODEL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
BEANNAME	CHAR	INQ	240	DIFF	No	Enterprise bean			9
CORBASERVER	CHAR	INQ	4	DIFF	No	CorbaServer			6
INTERFACE	CHAR	INQ	255	DIFF	No	Interface name			11
INTFACETYPE	CVDAS	INQ	4	LIKE	No	Java interface type	BOTH		8
INTFACETYPE Output valid values	HOME, REMOTE, BOTH								
MODULE	CHAR	INQ	255	DIFF	No	Module name			10
NAME-1	CHAR	INQ	8	DIFF	Yes	Request model name			1
OMGINTERFACE	CHAR	INQ	31	DIFF	No	Object management group (OMG) interface name		E610P	BUS
OMGMODULE	CHAR	INQ	58	DIFF	No	Object management group (OMG) module name		E610P	BUS
OMGOPERATION	CHAR	INQ	31	DIFF	No	Object management group (OMG) operation name		E610P	BUS
OPERATION	CHAR	INQ	255	DIFF	No	Operation name			12
RTYPE	CVDAS	INQ	4	LIKE	No	Request model type	GENERIC		7
RTYPE Output valid values	EJB, CORBA, GENERIC								
TRANSID	CHAR	INQ	4	DIFF	No	CICS transaction ID			5

RTACTV Resource Table

A CPSM Real Time Analysis Manager object that describes the characteristics of an analysis or status definition installed in a specific CICS system.

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

The following actions are supported:

DISCARD

Unconditionally remove the installed definition.

DEACTIVATE

Remove the installed definition honoring a PERIODEF.

These actions require no unique parameter data.

External resource name**Length**

64

Usage API**API view**

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2529

Table 754. Valid CPSM operations

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

Table 755. RTAACTV FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
21	DEACT_NOT_ALLOWED	Deactivate not allowed			

Table 756. RTAACTV resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACTION	CHAR	CPSM	8	DIFF	No	Associated action name	4
ACTIVETIME-2	CHAR	CPSM	8	DIFF	Yes	Period definition name	3
CICSSYS	CHAR	CPSM	8	DIFF	No	CICS system name	2
NAME-1	CHAR	CPSM	8	DIFF	Yes	Definition name	1
RATE	BINARY	CPSM	4	AVG	No	Interval between evaluations (seconds)	5

Table 756. RTAACTV resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
STATUS	EYUDA	CPSM	4	LIKE	No	Definition status	6
STATUS Output valid values	ACTIVE, PENDING						
TYPE-3	RESTYPE	CPSM	2	LIKE	Yes	Analysis definition type (analysis or status)	7

RTADEF Resource Table

A CPSM Real Time Analysis Definition that describes a single analysis operation for a set of evaluations. The analysis operation controls identify the evaluations to reference and information about the frequency and modes used to determine if the analysis state is TRUE.

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

The following actions are supported:

INSTALL

Install the definition into each active CICS system that has Real Time Analysis active within the specified scope. If provided the PERIODEF is used to provide the valid operational time of the RTADEF.

The parameter data for the INSTALL action is:

```
PARM('[PERIOD(period)].')
```

where:

period = The name of a PERIODEF definition.

APINSTALL

Install the definition into an active APSPEC.

The parameter data for the APINSTALL action is:

```
PARM('APSPEC(spec) [PERIOD(period)].')
```

where:

spec = (Required) The name of an active APSPEC.

period = The name of a PERIODEF definition.

The RTADEF is installed in each active CICS system in the current scope that has Real Time Analysis active. If provided, the PERIODEF is used to determine the valid operational time of the RTADEF.

External resource name

Length

648

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt3507

Table 757. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	PERIOD(value)	No
		SCOPE(value)	No
	APINSTALL	APSPEC(value)	Yes
		PERIOD(value)	No
		SCOPE(value)	No
	ADDTGRP	ACTIVETIME(value)	No
		RESGROUP(value)	Yes

Table 758. RTADEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Not found	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	6	INV_RESTYPE	Invalid restype
7	NONE_INSTALLED	None installed	8	PARTIAL_INSTALL	Partial install
9	ALREADY_INSTALLED	Already installed	10	NO_ACTIVE_SYSTEMS	No active systems for install

Table 759. RTADEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ACTION	CHAR	CPSM	8	Yes	DIFF	No	Action definition name			9
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
DESC	CHAR	CPSM	58	No	DIFF	No	Description			22
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	31
EVALEXPTEXT	CHAR	CPSM	500	Yes	DIFF	No	Evaluation expression			24
EXEC_OPS	EYUDA	CPSM	4	Yes	LIKE	No	Execute evaluation modification string	NO		30

Table 759. RTADEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
EXEC_OPS Input/output valid values	YES, NO, ALWAYS									
HSEENTRY	BINARY	CPSM	4	Yes	AVG	No	Count of true evaluations before HS raised	1	1-9999	14
HSEXIT	BINARY	CPSM	4	Yes	AVG	No	Count of false evaluations before HS resolved	1	1-9999	20
HWENTRY	BINARY	CPSM	4	Yes	AVG	No	Count of true evaluations before HW raised	1	1-9999	13
HWEXIT	BINARY	CPSM	4	Yes	AVG	No	Count of false evaluations before HW resolved	1	1-9999	19
LSEENTRY	BINARY	CPSM	4	Yes	AVG	No	Count of true evaluations before LS raised	1	1-9999	11
LSEXIT	BINARY	CPSM	4	Yes	AVG	No	Count of false evaluations before LS resolved	1	1-9999	17
LWENTRY	BINARY	CPSM	4	Yes	AVG	No	Count of true evaluations before LW raised	1	1-9999	12
LWEXIT	BINARY	CPSM	4	Yes	AVG	No	Count of false evaluations before LW resolved	1	1-9999	18
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
RATE	BINARY	CPSM	4	Yes	AVG	No	Analysis interval	300	1-86400	8
VHSEENTRY	BINARY	CPSM	4	Yes	AVG	No	Count of true evaluations before VHS raised	1	1-9999	15
VHSEXIT	BINARY	CPSM	4	Yes	AVG	No	Count of false evaluations before VHS resolved	1	1-9999	21

Table 759. RTADEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
VLSENTRY	BINARY	CPSM	4	Yes	AVG	No	Count of true evaluations before VLS raised	1	1-9999	10
VLSEXIT	BINARY	CPSM	4	Yes	AVG	No	Count of false evaluations before VLS resolved	1	1-9999	16

RTAGROUP Resource Table

A CPSM Real Time Analysis Definition that provides the association anchor for a set of RTADEF or STATDEF definitions. References to the RTAGROUP are inferred to be references to the set of associated RTADEF or STATDEF instances.

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

The following actions are supported:

INSTALL

Install the set of definition RTADEF and STATDEF instances in the group into each active CICS system that has Real Time Analysis active within the specified scope.

APINSTALL

Install the set of definition into an active APSPEC.

The parameter data for the APINSTALL action is:

```
PARM('APSPEC(spec).')
```

where:

spec = (Required) The name of an active APSPEC.

Only the set of RTADEF instances associated with the RTAGROUP are installed since an APSPEC does not support STATDEF objects.

External resource name

Length

80

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type
CICSplex SM Definition

Copybook identifier
EYUt3505

Table 760. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	SCOPE(value)	No
	APINSTALL	APSPEC(value)	Yes
		SCOPE(value)	No
	ADDTOSPC	SPEC(value)	Yes
	ADDTOAPS	SCOPE(value)	No
		SPEC(value)	Yes

Table 761. RTAGROUP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	6	INV_RESTYPE	Invalid Restype
7	INV_VER	Invalid version	21	NONE_INSTALLED	No groups installed
22	PARTIAL_INSTALL	Partial install	23	NO_ACTIVE_SYSTEMS	No active systems
24	DUPLICATE_DEFINITION	Duplicate definition			

Table 762. RTAGROUP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed			1
DESC	CHAR	CPSM	58	No	DIFF	No	Description			6
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	7
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	RTA group			5

RTAINAPS Resource Table

A CPSM Real Time Analysis Definition that describes the membership of a real-time analysis group (RTAGROUP) in an analysis point specification (APSPEC). An RTAGROUP can be a member of multiple APSPECs.

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt5124

Table 763. Valid CPSM operations

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

Table 764. RTAINAPS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version

Table 765. RTAINAPS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
GROUP-2	CHAR	CPSM	8	Yes	DIFF	Yes	RTA group	6
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Analysis point specification	5
SCOPE	CHAR	CPSM	8	No	DIFF	No	Scope of RTA definitions in group	7

RTAINGRP Resource Table

A CPSM Real Time Analysis Definition that describes the membership of a real-time analysis definition (RTADEF) in a real-time analysis group (RTAGROUP). An RTADEF can be a member of multiple RTAGROUPs.

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt5377

Table 766. Valid CPSM operations

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

Table 767. RTAINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	6	INV_RESTYPE	Invalid resource type

Table 768. RTAINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
ACTIVETIME	CHAR	CPSM	8	No	DIFF	No	Period definition	7
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1

Table 768. RTAINGRP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
DEFNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	RTA definition	6
GROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	RTA group	5

RTAINSPC Resource Table

A CPSM Real Time Analysis Definition that describes the membership of a real-time analysis group (RTAGROUP) in a real-time analysis specification (RTASPEC). An RTAGROUP may be a member of multiple RTASPECs.

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

There are no object specific actions for this resource class.

External resource name

Length

24

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt5122

Table 769. Valid CPSM operations

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

Table 770. RTAINSPC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists

Table 771. RTAINSPC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
GROUP-2	CHAR	CPSM	8	Yes	DIFF	Yes	RTA group	6
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	RTA specification name	5

RTASPEC Resource Table

A CPSM Real Time Analysis Definition that describes the RTA control directives for a set of CICS systems. Using group associators, an RTASPEC object can determine which RTADEF and STATDEF instances are to be installed in each CICS system. Using scope link associators (LNKSRSCS), an RTASPEC object can determine which CICS systems fall under its processing scope. A CICS system can have a scope link associator to only one RTASPEC.

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

External resource name

Length

152

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt3512

Table 772. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDSYSGRP	FORCE	Yes
		GROUP(value)	Yes
		NONE	Yes
		NULL	Yes
	ADDSYSDEF	SYSTEM(value)	Yes

Table 773. RTASPEC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
-------	------	-------------	-------	------	-------------

Table 773. RTASPEC FEEDBACK error codes (continued)

1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Does not exist	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	8	ACTION_NOT_FOUND	Action not found
9	LNKASSOC_EXISTS	Association already exists			

Table 774. RTASPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
DESC	CHAR	CPSM	58	No	DIFF	No	Description			18
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	19
MXTACTION	CHAR	CPSM	8	No	DIFF	No	Action for CICS-at-maximum-tasks event			16
MXTSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for CICS-at-maximum-tasks event			10
MXTSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A									
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	RTA specification name			5
SAMACTION	CHAR	CPSM	8	No	DIFF	No	Action for system availability monitoring event			12
SAMSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for system availability monitoring event			6
SAMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A									
SDMACTION	CHAR	CPSM	8	No	DIFF	No	Action for system dump event			14
SDMSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for system dump event			8
SDMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A									

Table 774. RTASPEC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
SOSACTION	CHAR	CPSM	8	No	DIFF	No	Action for short on storage (SOS) event			13
SOSSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for short on storage (SOS) event			7
SOSSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A									
STLACTION	CHAR	CPSM	8	No	DIFF	No	Action for CICS-stalled event			17
STLSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for CICS-stalled event			11
STLSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A									
TDMACTION	CHAR	CPSM	8	No	DIFF	No	Action for transaction dump event			15
TDMSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for transaction dump event			9
TDMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A									

SESINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6155

Table 775. Valid CPSM operations

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

Table 776. SESINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 777. SESINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
SESSGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
SESSNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	Session definition name	6
SESSVER-3	BINARY	CPSM	1	Yes	AVG	Yes	Session definition version	7

SESSDEF Resource Table

A CICS Definition that describes a session, which is a logical link between connected systems.

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

External resource name**Length**

464

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3810

Table 778. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value) RESGROUP(value)	No No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDTOGRP	RESGROUP(value)	Yes

Table 779. SESSDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name

Table 780. SESSDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
AUTOCONNECT	EYUDA	CPSM	4	Yes	LIKE	No	Autoconnect option	NO			8
AUTOCONNECT Input/output valid values	YES, NO, ALL										

Table 780. SESSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
BUILDCHAIN	EYUDA	CPSM	4	Yes	LIKE	No	Chain assembly required	YES			9
BUILDCHAIN Input/output valid values	YES, NO										
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CONNECTION	CHAR	CPSM	4	Yes	DIFF	No	Connection definition name				10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				49
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	0-99999999		56
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				53
DISCREQ	EYUDA	CPSM	4	Yes	LIKE	No	Honor disconnect requests	NO			11
DISCREQ Input/output valid values	YES, NO										
INSERVICE	EYUDA	CPSM	4	Yes	LIKE	No	Session inservice	N_A		E330P	30S
INSERVICE Input/output valid values	YES, NO, N_A										
IOAREALEN	CHAR	CPSM	8	No	DIFF	No	Minimum terminal input output area (TIOA) size	0	0-32767		12
IOAREALEN2	CHAR	CPSM	8	No	DIFF	No	Alternate terminal input output area (TIOA) size	0	0-32767		13
MAXCTWIN	CHAR	CPSM	4	No	DIFF	No	Maximum number of contention winner sessions		0-999		15
MAXINGRP	CHAR	CPSM	4	No	DIFF	No	Maximum number of sessions in the group		0-999		14
MODENAME	CHAR	CPSM	8	No	DIFF	No	Mode name				16

Table 780. SESSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
NEPCLASS	CHAR	CPSM	4	No	DIFF	No	Network error program transaction class	0	0-255		17
NETNAMEQ	CHAR	CPSM	8	No	DIFF	No	Name IMS system uses to identify session				18
OPERID	CHAR	CPSM	3	No	DIFF	No	Operator identifier			E330P	37S
OPERPRIORITY	CHAR	CPSM	4	No	DIFF	No	Operator priority	0	0-255	E330P	29S
OPERRSL	CHAR	CPSM	50	No	DIFF	No	Operator resource security keys			E330P	54S
OPERSEC	CHAR	CPSM	150	No	DIFF	No	Operator transaction security keys			E330P	55S
PARTCODEPAGE	CHAR	CPSM	8	No	DIFF	No	Partner code page	0	0-65534	EALL	33
PROTOCOL	CVDAS	CPSM	4	Yes	LIKE	No	Intercomm link protocol	APPC			19
PROTOCOL Input/output valid values	APPC, EXCI, LU61, NOTAPPLIC										
RECEIVECOUNT	CHAR	CPSM	4	No	DIFF	No	Receive count		1-999		20
RECEIVEPFX	CHAR	CPSM	2	No	DIFF	No	Receive prefix				35
RECEIVESIZE	CHAR	CPSM	8	No	DIFF	No	Receive buffer size	4096	1-30720		21
RECOVNOTIFY	EYUDA	CPSM	4	Yes	LIKE	No	XRF recovery notification option	N_A		E410P	23S
RECOVNOTIFY Input/output valid values	NONE, MESSAGE, TRANSACTION, N_A										
RECOVOPTION	EYUDA	CPSM	4	Yes	LIKE	No	Recovery option	SYSDEFAULT			22
RECOVOPTION Input/output valid values	SYSDEFAULT, CLEARCONV, NONE, RELEASESESS, UNCONDREL										
RELREQ	EYUDA	CPSM	4	Yes	LIKE	No	Honor release requests	NO			24

Table 780. SESSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
RELREQ Input/output valid values	YES, NO										
SENDCOUNT	CHAR	CPSM	4	No	DIFF	No	Send count		1-999		25
SENDPFX	CHAR	CPSM	2	No	DIFF	No	Send prefix				36
SENDSIZE	CHAR	CPSM	8	No	DIFF	No	Send buffer size	4096	1-30720		26
SESSNAME	CHAR	CPSM	4	No	DIFF	No	Session name				27
SESSPRIORITY	CHAR	CPSM	4	No	DIFF	No	Session priority	0	0-255		28
TRANSACTION	CHAR	CPSM	4	No	DIFF	No	Transaction to be initiated from device			E330P	30S
USERAREALEN	CHAR	CPSM	4	No	DIFF	No	User area size	0	0-255	E410P	32S
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				50
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				51
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				52
USERID	CHAR	CPSM	8	No	DIFF	No	User signon ID				34

SMFJRNL Resource Table

A CICS Resource that describes an SMF type journal in an active CICS system being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

External resource name

Length

40

Usage EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0014

Table 781. Valid CPSM operations

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

Table 782. SMFJRNL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
AVGSIZE	BINARY	STAT	2	AVG	No	Average block size	2
BLKWRCNT	DECIMAL	STAT	4	AVG	No	Number of blocks written	4
BUFULLCNT	DECIMAL	STAT	3	AVG	No	Number of times buffer was full	6
JOURNALNUM-1	BINARY	INQ	2	AVG	Yes	Journal number	1
OPENSTATUS	CVDAS	INQ	4	LIKE	Yes	Open status	3
OPENSTATUS Output valid values	OPENOUTPUT, CLOSED						
RECWRCNT	DECIMAL	STAT	5	AVG	No	Number of records written	5

STAINGRP Resource Table

A CPSM Real Time Analysis Definition that describes the membership of a status definition (STATDEF) in a real-time analysis group (RTAGROUP). A STATDEF can be a member of multiple RTAGROUPS.

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

There are no object specific actions for this resource class.

External resource name**Length**

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt5381

Table 783. Valid CPSM operations

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

Table 784. STAINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	6	INV_RESTYPE	Invalid resource type

Table 785. STAINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
ACTIVETIME	CHAR	CPSM	8	No	DIFF	No	Period definition	7
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
DEFNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	Status definition	6
GROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	RTA group	5

STATDEF Resource Table

A CPSM Real Time Analysis Definition that describes a site-defined status probe program to be run in a CICS system as part of Real Time Analysis processing.

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

The following action is supported:

INSTALL

Install the definition into each active CICS system that has Real Time Analysis active within the specified scope. If provided the PERIODEF is used to provide the valid operational time of the STATDEF.

The parameter data for the INSTALL action is:

```
PARM('[PERIOD(period)].')
```

where:

period = The name of a PERIODEF definition.

The STATDEF is installed in each active CICS system in the current scope that has Real Time Analysis active. If provided, the PERIODEF is used to determine the valid operational time of the STATDEF.

External resource name

Length

160

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt3516

Table 786. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	PERIOD(value)	No
		SCOPE(value)	No
	ADDTOGRP	ACTIVETIME(value)	No
		RESGROUP(value)	Yes

Table 787. STATDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	6	INV_RESTYPE	Invalid resource type
21	NONE_INSTALLED	None installed	22	PARTIAL_INSTALL	Partial install
23	NO_ACTIVE_SYSTEMS	No active systems			

Table 788. STATDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ACTION	CHAR	CPSM	8	Yes	DIFF	No	Action definition name			10

Table 788. STATDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
DESC	CHAR	CPSM	58	No	DIFF	No	Description			25
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	32
FREQ	BINARY	CPSM	4	Yes	AVG	No	Interval between calls to status program (seconds)	300	1-86400	8
HSEENTRY	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with HS true before event	1	1-9999	15
HSEXIT	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with HS false before resolution	1	1-9999	21
HWENTRY	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with HW true before event	1	1-9999	14
HWEXIT	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with HW false before resolution	1	1-9999	20
LSEENTRY	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with LS true before event	1	1-9999	12
LSEXIT	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with LS false before resolution	1	1-9999	18
LWENTRY	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with LW true before event	1	1-9999	13
LWEXIT	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with LW false before resolution	1	1-9999	19
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
STATPGM	CHAR	CPSM	8	No	DIFF	No	Status program name			9
TRANID	CHAR	CPSM	4	No	DIFF	No	Transaction ID for task			24

Table 788. STATDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
USERID	CHAR	CPSM	8	No	DIFF	No	User ID for task			23
VHSENTRY	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with VHS true before event	1	1-9999	16
VHSEXIT	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with VHS false before resolution	1	1-9999	22
VLSENTRY	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with VLS true before event	1	1-9999	11
VLSEXIT	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with VLS false before resolution	1	1-9999	17

STREAMNM Resource Table

A CICS Resource that describes an MVS log stream used by an active system running the CICS TS for OS/390 and being managed by CICSPlex SM.

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

There are no object specific actions for this resource class.

External resource name

Length

160

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0078

Table 789. Valid CPSM operations

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

Table 790. STREAMNM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
AUTODEL	EYUDA	STAT	4	LIKE	No	Auto-delete option	21
AUTODEL Output valid values	YES, NO						
BRWREAD	BINARY	STAT	4	AVG	No	Number of reads from log	13
BRWSTRT	BINARY	STAT	4	AVG	No	Number of log browse starts	12
BUFAPPNDRQ	BINARY	STAT	4	AVG	No	Number of buffer append requests	16
BUFFWAIT	BINARY	STAT	4	AVG	No	Number of waits due to buffer being full	11
BYTES	BINARY	STAT	8	AVG	No	Total number of bytes written	7
CUFWTRS	BINARY	STAT	4	AVG	No	Current number of tasks waiting for buffer flush	8
DASDONLY	EYUDA	STAT	4	LIKE	No	DASD-only option	17
DASDONLY Output valid values	YES, NO						
DELETES	BINARY	STAT	4	AVG	No	Number of log-tail deletes	14
LGGAKPFREQ	BINARY	STAT	4	AVG	Yes	Activity keypoint frequency	26
LGGAKPSTKN	BINARY	STAT	4	AVG	No	Number of activity keypoints taken	28
LGGLGDEFER	BINARY	STAT	4	AVG	Yes	Log deferral interval	27
LGSQUERIES	BINARY	STAT	4	AVG	No	Logstream query count	32
MAXBLK	BINARY	STAT	4	AVG	No	Maximum block size	19
PKFWTRS	BINARY	STAT	4	AVG	No	Peak number of tasks waiting for buffer flush	9
RETPD	BINARY	STAT	4	AVG	No	Data retention period (days)	20
RETRYERRS	BINARY	STAT	4	AVG	No	Number of retryable errors	15
RWRITES	RATE3	CPSM	8	AVG	No	Rate of writes to log	34
STATUS	CVDAS	INQ	4	LIKE	No	Log stream status	3
STATUS Output valid values	OK, FAILED						
STRCNAME	CHAR	STAT	16	DIFF	No	Coupling facility structure	18
STREAMNAME-1	CHAR	INQ	26	DIFF	Yes	MVS log stream	1
SYSTEMLOG	CVDAS	INQ	4	LIKE	No	System log indicator	4
SYSTEMLOG Output valid values	SYSLOG, NOSYSLOG						
TFCWAIT	BINARY	STAT	4	AVG	No	Total number of tasks that waited for buffer flush	10
USECOUNT	BINARY	INQ	4	SUM	No	Number of journals and forward recovery logs	5
WRITES	BINARY	STAT	4	AVG	No	Number of write requests	6

SYSDUMP Resource Table

A CICS Resource that describes a system dump code in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

ADD Add a system dump code.

The parameter data for the ADD action is:

```
PARM('CODE(code) [SCOPE(cvda1)] [MAX(nnn)]  
      [SHUT(cvda2)] [SDUMP(cvda3)] [DAE(cvda4)]'.')
```

where:

- *code* is required and must be the 1- to 8-character system dump code.
- *cvda1* is one of the following valid CVDA values for the dump scope option:
 - LOCAL
 - RELATED
- *nnn* is the maximum number of dumps, from 0 - 999.
- *cvda2* is one of the following valid CVDA values for the shutdown option:
 - SHUTDOWN
 - NOSHUTDOWN
- *cvda3* is one of the following valid CVDA values for the system dump option:
 - SYSDUMP
 - NOSYSDUMP
- *cvda4* is one of the following valid CVDA values for the DAE option:
 - DAE
 - NODAE

DELETE

Remove a system dump code.

RESET

Reset system dump code values.

External resource name

Length

56

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier
EYUt0004

Table 791. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADD	CODE(value) DAE(DAEINODAE) MAX(value) SCOPE(LOCALIRELATED) SDUMP(SYSDUMPINOSYSDUMP) SHUT(SHUTDOWNINOSHUTDOWN)	Yes No No No No
	RESET	None	N/A
	DELETE	None	N/A

Table 792. SYSDUMP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CURRENT	BINARY	INQ	4	AVG	No	Number of dump calls since last reset	2
DAEOPTION	CVDAS	INQ	4	LIKE	Yes	Dump analysis and elimination (DAE) option	9
DAEOPTION Input/output valid values	NODAE, DAE						
MAXIMUM	BINARY	INQ	4	AVG	Yes	Maximum number of dumps with this code	3
SDMPSUPP	BINARY	STAT	4	AVG	No	Number of system dumps suppressed	7
SDMPTOTL	BINARY	STAT	4	AVG	No	Number of system dumps taken	6
SDUMPSCOPE	CVDAS	INQ	4	LIKE	Yes	System dump scope type	8
SDUMPSCOPE Input/output valid values	LOCAL, RELATED						
SHUTOPTION	CVDAS	INQ	4	LIKE	Yes	Shutdown option	4
SHUTOPTION Input/output valid values	SHUTDOWN, NOSHUTDOWN						
SYSDUMPCODE-1	CHAR	INQ	8	DIFF	Yes	System dump code	1
SYSDUMPING	CVDAS	INQ	4	LIKE	Yes	System dump option	5
SYSDUMPING Input/output valid values	SYSDUMP, NOSYSDUMP						

SYSLINK Resource Table

A CPSM Topology Definition that describes the endpoints of a communications link between two CICS systems being managed by CICSplex SM. A SYSLINK record is created when connection and sessions definitions (CONNDEF and SESSDEF) are installed in one of the CICS systems; that information is used to create a link to the other CICS system.

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

The following actions are supported:

INSTALL

Install a System Link.

The parameter data for the INSTALL action is:

```
PARM(' [NOTIFY(notify)]
      [STATECHK(statechk)]
      [FORCEINS(forceins)].')
```

where:

notify = Type of checking to be performed before install.
statechk = Whether the existence and operational state of each resource should be checked before install.
forceins = Whether definitions should be installed even if CICSplex SM believes they do not need to be.

External resource name

Length

48

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt4610

Table 793. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO) NOTIFY(NO INACTIVE RELEASE IFULL) STATECHK(YESINO)	No No No

Table 794. SYSLINK FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available

Table 794. SYSLINK FEEDBACK error codes (continued)

12	INV_CONTEXT	Context not found	21	INV_RECADDR	Invalid record address
22	INV_RECLEN	Invalid record length	23	INV_ACTION	Invalid action
24	LOGICAL_DUP	Logical duplicate	25	INV_MAJNAME	Invalid major name
26	INV_MINNAME	Invalid minor name	27	INV_QUALNAME	Invalid qualifier name
28	INV_FORTHNME	Invalid session definition name	29	NOTIFY	Notify
30	PARTIAL_INSTALL	Partial install	31	NOTHING_INSTALLED	Nothing installed
32	NO_ACTIVE_SYSTEMS	No active systems	33	INV_NAMELIST	Invalid name list
34	INV_NOTIFY	Invalid notify	35	INV_FORCEINS	Invalid force install
36	INV_STATECHK	Invalid state check			

Table 795. SYSLINK resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
CONNDEF-3	CHAR	CPSM	8	Yes	DIFF	Yes	Connection definition name	9
CONNDEFVER-4	BINARY	CPSM	1	Yes	AVG	Yes	Connection definition version	11
FROMCSYS-1	CHAR	CPSM	8	Yes	DIFF	Yes	Primary CICS system name	5
SESSDEF-5	CHAR	CPSM	8	Yes	DIFF	Yes	Session definition name	10
SESSDEFVER-6	BINARY	CPSM	1	Yes	AVG	Yes	Session definition version	12
TOCSYS-2	CHAR	CPSM	8	Yes	DIFF	Yes	Secondary CICS system name	7

SYSRES Resource Table

A CPSM Business Application Services Manager object that describes the set of CICS Definitions to be installed in a CICS system.

This object is referenced within the scope of a CICSplex and CICS system. As such, the CICS system must be explicitly identified in the API GET command PARM option by coding the following text string:

APAR PQ30578

Documentation for APAR PQ30578 addedd 18/04/2000

```
PARM('CICSSYS(sysname).')
```

where:

sysname = (Required) The name of a CICSplex SM managed CICS system.

The CICS system name is required.

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

There are no object specific actions for this resource class.

External resource name

Length
88

Usage API

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2611

Table 796. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	Yes

Table 797. SYSRES FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	CICSSYS_NOT_FOUND	CICS system not found			

Table 798. SYSRES resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ALIAS	CHAR	CPSM	8	DIFF	No	Alias for remote definition	16
CICSSYS-5	CHAR	CPSM	8	DIFF	Yes	CICS system name	4
DEFVER	BINARY	CPSM	1	AVG	No	Resource definition version	12
MODE	EYUDA	CPSM	4	LIKE	No	Resource usage qualifier	11
MODE Output valid values	AUTO, DYNAM, EXTRA, INTRA, IND, STAT						
RDEFTYPE-2	CHAR	CPSM	8	DIFF	Yes	Resource definition type	6
REFDEF-4	CHAR	CPSM	8	DIFF	Yes	Referenced definition name	13
REFTYPE	CHAR	CPSM	8	DIFF	No	Referenced definition type	15
REFVER	CHAR	CPSM	2	DIFF	No	Referenced definition version	14
RESASSGN	CHAR	CPSM	8	DIFF	No	Resource assignment name	8
RESDEF-1	CHAR	CPSM	8	DIFF	Yes	Resource definition name	5
RESDESC-3	CHAR	CPSM	8	DIFF	Yes	Resource description name	7
RESGROUP	CHAR	CPSM	8	DIFF	No	Resource group name	9
USAGE	EYUDA	CPSM	4	LIKE	No	Resource usage type	10
USAGE Output valid values	LOCAL, REMOTE, ASIS						

TAPEJRNL Resource Table

A CICS Resource that describes a tape journal in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

ADVANCE

Advance a tape journal.

CLOSE

Close a tape journal.

LEAVE

Close and leave a tape journal position.

OPEN

Open a tape journal.

These actions require no unique parameter data.

External resource name

Length

64

Usage EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0015

Table 799. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADVANCE	None	N/A
	CLOSE	None	N/A
	LEAVE	None	N/A
	OPEN	None	N/A

Table 800. TAPEJRNL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	

Table 800. TAPEJRNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
AVGSIZE	BINARY	STAT	2	AVG	No	Average block size	2
BLKWRCNT	DECIMAL	STAT	4	AVG	No	Number of blocks written	10
BUFULLCNT	DECIMAL	STAT	3	AVG	No	Number of times buffer was full	12
CURVOL	CHAR	INQ	6	DIFF	No	Current volume	7
JOURNALNUM-1	BINARY	INQ	2	AVG	Yes	Journal number	1
LASTVOL	CHAR	STAT	6	DIFF	No	Last volume written	6
OLDPART	CNUMERIC	INQ	4	AVG	No	Serial number of first tape in journal	5
OPENSTATUS	CVDAS	INQ	4	LIKE	Yes	Open status	4
OPENSTATUS Input/output valid values	OPENOUTPUT, CLOSED						
OPENSTATUS Input valid values	ADVANCE, CLOSELEAVE						
RECWRCNT	DECIMAL	STAT	5	AVG	No	Number of records written	11
TAPESLFT	BINARY	STAT	2	AVG	No	Number of tapes left	9
TAPESOPEN	BINARY	STAT	2	AVG	No	Number of tapes opened	8
TYPE	CVDAS	INQ	4	LIKE	No	Journal type	3
TYPE Output valid values	TAPE1, TAPE2						

TASKASSC Resource Table

A CICSplex SM definition that, in a TCP/IP network, provides information about the tasks that make up a distributed transaction. The tasks that make up a distributed transaction have the same transaction group ID and thus the records are organized by transaction group ID. You can filter the records using a substring of the user correlation data that has been added (by a CICS XAPADMGR global user exit program) to the user data section of the task's associated data origin descriptor.

The following actions are supported:

GET Retrieve the TASKASSC records for a specified task or transaction group ID.

External resource name

Length

512

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0169

Table 801. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 802. TASKASSC resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
APPLDATA	CHAR	INQ	40	DIFF	No	Socket application data	11
APPLID	CHAR	INQ	8	DIFF	No	Application ID	12
CLIENTIPADDR	CHAR	INQ	39	DIFF	No	Client IP address	35
CLIENTPORT	BINARY	INQ	4	DIFF	No	TCP/IP stack port number	13
FACILNAME	CHAR	INQ	8	DIFF	No	Facility name	17
FACILTYPE	CVDAS	INQ	4	LIKE	No	Facility type	5
FACILTYPE Output valid values	NONE, TERMINAL, TRANDATA, START, STARTTERM, SCHEDULER, XMRUNTRAN, BRIDGE, SOCKET, WEB, RRSUR, LU61, APPC, MRO, IIOP, IPIC, RZINSTOR, IPECI, UNKNOWN						
INITUSERID	CHAR	INQ	8	DIFF	No	User ID of initiating task	14
IPCONN	CHAR	INQ	8	DIFF	No	IPCONN resource	15
IPFAMILY	CVDAS	INQ	4	LIKE	No	TCP/IP addressing	6
IPFAMILY Output valid values	IPV4, IPV6, NOTAPPLIC						
LUNAME	CHAR	INQ	8	DIFF	No	VTAM LU name	16
MVSIMAGE	CHAR	INQ	8	DIFF	No	MVS image	18
NETID	CHAR	INQ	8	DIFF	No	Network ID	33
ODAPPLID	CHAR	INQ	8	DIFF	No	Originating Application ID	19
ODCLNTIPADDR	CHAR	INQ	39	DIFF	No	Originating client IP address	36
ODCLNTPORT	BINARY	INQ	4	DIFF	No	Originating TCP/IP stack port number	3
ODFACILNAME	CHAR	INQ	8	DIFF	No	Originating facility name	20
ODFACILTYPE	CVDAS	INQ	4	LIKE	No	Originating facility type	4
ODFACILTYPE Output valid values	NONE, TERMINAL, TRANDATA, START, STARTTERM, SCHEDULER, XMRUNTRAN, BRIDGE, SOCKET, WEB, RRSUR, LU61, APPC, MRO, IIOP, IPIC, RZINSTOR, IPECI, UNKNOWN						
ODIPFAMILY	CVDAS	INQ	4	LIKE	No	Originating IP addressing	7
ODIPFAMILY Output valid values	IPV4, IPV6, NOTAPPLIC						
ODLUNAME	CHAR	INQ	8	DIFF	No	Originating VTAM LU name	21
ODNETID	CHAR	INQ	8	DIFF	No	Originating network ID	34
ODNETWORKID	CHAR	INQ	8	DIFF	No	Originating network ID	32
ODSTARTTIME	TIMESTP	INQ	8	MIN	No	Originating task start time	10
ODSTARTTM	CHAR	INQ	21	MIN	No	Originating task start time	39
ODTASKID	DECIMAL	INQ	4	MIN	No	Originating task	22

Table 802. TASKASSC resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ODTRANSID	CHAR	INQ	4	DIFF	No	Originating transaction ID	23
ODUSERID	CHAR	INQ	8	DIFF	No	Originating user ID	24
PROGRAM	CHAR	INQ	8	DIFF	No	First program	25
SERVERIPADDR	CHAR	INQ	39	DIFF	No	Scheduling IP server	37
SERVERPORT	BINARY	INQ	4	DIFF	No	TCPIPSERVICE listening port	8
STARTTIME	TIMESTP	INQ	8	MIN	No	Task start time	9
STARTTM	CHAR	INQ	21	MIN	No	Task start time	38
TASKID-1	DECIMAL	INQ	4	MIN	Yes	Task ID	1
TCPIPJOB	CHAR	INQ	8	DIFF	No	TCP/IP job	26
TCPIPSERVICE	CHAR	INQ	8	DIFF	No	TCP/IP service name	27
TCPIPZONE	CHAR	INQ	8	DIFF	No	TCP/IP network security zone	28
TRANSACTION	CHAR	INQ	4	DIFF	No	Transaction ID	29
TRNGRPID	HEX	INQ	28	DIFF	No	Transaction group ID	2
USERCORRDATA	CHAR	INQ	64	DIFF	No	User correlation data	30
USERID	CHAR	INQ	8	DIFF	No	User ID	31

TASKESTG Resource Table

A CICS Resource that describes a CICS storage element for a task.

The key for this resource is a composite element.

There are no object specific actions for this resource class.

External resource name

Length

40

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0144

Table 803. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 804. TASKESTG resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
DSANAME	CHAR	STAT	8	DIFF	No	DSA name	3
ELEMENTADDR-2	HEX	INQ	4	MAX	Yes	Storage element address	2
ELEMENTLEN	BINARY	INQ	4	AVG	No	Element length	4
TASK-1	DECIMAL	INQ	4	MAX	Yes	Task number	1

TASKFILE Resource Table

A CICS Resource that describes tasks and the CICS files they have used in an active system being managed by CICSplex SM. Note that for these records to be available, the MAS must be running with the SIT parameter MNRES=ON, and be using an MCT that specifies a value for FILE greater than 0 on the DFHMCT TYPE=INITIAL macro.

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

There are no object specific actions for this resource class.

External resource name

Length

176

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0115

Table 805. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 806. TASKFILE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	

Table 806. TASKFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
DSNAME	CHAR	INQ	44	DIFF	No	Data set name	8
FCAMCNT	BINARY	STAT	4	AVG	No	Number of access method calls	9
MNRADD	SCLOCK	STAT	8	AVG	No	ADD request time and count	14
MNRBRWSE	SCLOCK	STAT	8	AVG	No	BROWSE request time and count	10
MNRCFDTIOWT	SCLOCK	STAT	8	AVG	No	CFDT I/O wait time and count	18
MNRDEL	SCLOCK	STAT	8	AVG	No	DELETE request time and count	12
MNRFILELIMIT	EYUDA	STAT	4	LIKE	No	File limit exceeded	21
MNRFILELIMIT Output valid values	YES, NO						
MNRGET	SCLOCK	STAT	8	AVG	No	READ request time and count	11
MNRIOWT	SCLOCK	STAT	8	AVG	No	File I/O wait time and count	16
MNRNAME-2	CHAR	STAT	8	DIFF	Yes	File ID	7
MNRPUT	SCLOCK	STAT	8	AVG	No	WRITE request time and count	13
MNRRLSIOWT	SCLOCK	STAT	8	AVG	No	RLS I/O wait time and count	17
MNRSTART	TIMESTP	STAT	8	MAX	No	Task start time	20
MNRTASKNO-1	DECIMAL	STAT	4	AVG	Yes	Task ID	5
MNRTOTAL	SCLOCK	STAT	8	AVG	No	Total request time and count	15
MNRTRANID	CHAR	STAT	4	DIFF	No	Transaction ID	6
MNRUSERID	CHAR	STAT	8	DIFF	No	User ID	19

TASKRMI Resource Table

A CICS Resource that describes tasks and the use they have made of the CICS Resource Manager Interface in an active system being managed by CICSplex SM. Note that for these records to be available, the MAS must be running with MNPER=YES, and be using an MCT that specifies RMI=YES on the DFHMCT TYPE=INITIAL macro.

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

For GET requests, an optional parameter may be specified as follows:

```
PARM('INCL_QUEUED(YESINO).')
```

where:

YES (default) indicates that tasks queued for MAXTASKS or TRANCLASS MAXACTIVE should be included in the result set.

NO indicates that tasks queued for MAXTASKS or TRANCLASS MAXACTIVE should not be included in the result set.

There are no object specific actions for this resource class.

External resource name

Length
216

Usage API or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0145

Table 807. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		INCL_QUEUED(YES/NO)	No

Table 808. TASKRMI resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CPUTIME	SCLOCK12	CMF	12	MAX	No	User task CPU time	17
DISPTIME	SCLOCK12	CMF	12	MAX	No	User task dispatch time	16
RESPTIME	INTTSTP	CPSM	8	MAX	No	Task response time	15
RMICPSMETIME	SCLOCK12	CMF	12	MAX	No	CICSplex SM RMI elapsed time	8
RMIDB2TIME	SCLOCK12	CMF	12	MAX	No	DB2 RMI elapsed time	4
RMIDBCTLTIME	SCLOCK12	CMF	12	MAX	No	DBCTL RMI elapsed time	5
RMIEXECDLITM	SCLOCK12	CMF	12	MAX	No	DL/I RMI elapsed time	6
RMIMQSERIEST	SCLOCK12	CMF	12	MAX	No	MQSeries RMI elapsed time	7
RMIOOTHERTIME	SCLOCK12	CMF	12	MAX	No	Total other elapsed time	3
RMITCPIPTIME	SCLOCK12	CMF	12	MAX	No	TCP/IP Sockets RMI elapsed time	9
RMITIME	SCLOCK12	CMF	12	MAX	No	Total RMI elapsed time	1
RMITOTALTIME	SCLOCK12	CMF	12	MAX	No	Total RMI elapsed time at last statistics interval	2
START	TIMESTP	CMF	8	MAX	No	Task start time	13
STOP	TIMESTP	CMF	8	MAX	No	Task stop time	14
SUSPTIME	SCLOCK12	CMF	12	MAX	No	Task suspend time	18
TASKID-1	DECIMAL	INQ	4	MAX	Yes	Task ID	11
TRANID	CHAR	INQ	4	DIFF	No	Transaction ID	10
USERID	CHAR	INQ	8	DIFF	No	User ID	12
WAITTIME	SCLOCK12	CMF	12	MAX	No	Dispatch wait time	19

TASK Resource Table

A CICS Resource that describes a task in an active CICS system being managed by CICSplex SM.

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

When used in an EVALDEF you may wish to limit the evaluation to include only those tasks for which a specific transaction is associated. To accommodate this, when TASK is used in an EVALDEF, the INSTANCE refers to the TRANID attribute instead of the Primary key.

For GET requests, an optional parameter may be specified as follows:

```
PARM('INCL_QUEUED(YESINO).')
```

where:

YES (default) indicates that tasks queued for MAXTASKS or TRANCLASS MAXACTIVE should be included in the result set.

NO indicates that tasks queued for MAXTASKS or TRANCLASS MAXACTIVE should not be included in the result set.

The following actions are supported:

PURGE

Purge a task.

The parameter data for the PURGE action is:

```
PARM('TYPE(cvda).')
```

where:

cvda = (Required) Valid CVDA value for the type of operation.

Valid CVDA values for the PURGE action are PURGE and FORCEPURGE, for example: PARM('TYPE(FORCEPURGE)').

External resource name

Length

2888

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier
EYU0020

Table 809. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		INCL_QUEUED(YES/NO)	No
SET		None	N/A
PERFORM SET	PURGE	TYPE(PURGE/IFORCEPURGE/KILL)	KILL
	FORCEPURGE	None	N/A
	KILL	None	N/A

Table 810. TASK resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ABCODEC	CHAR	CMF	4	DIFF	No	Current ABEND code		23
ABCODEO	CHAR	CMF	4	DIFF	No	Original ABEND code		22
ACTVTYID	HEX	INQ	52	MIN	No	BTS activity ID		186
ACTVTYNM	CHAR	INQ	16	DIFF	No	BTS activity name		185
ALLOCATES	BINARY	CMF	4	AVG	No	Number of ALLOCATE requests		32
APPLNAMEPROG	CHAR	STAT	8	DIFF	No	Applname - Program name		269
APPLNAMETRAN	CHAR	STAT	4	DIFF	No	Applname - Transaction name		268
ATTACHTIME	DATETIME	INQ	8	MAX	No	Task attach time		158
BAACDCCT	BINARY	CMF	4	AVG	No	BTS activity data container requests		199
BAACQPCT	BINARY	CMF	4	AVG	No	BTS acquire requests		196
BADACTCT	BINARY	CMF	4	AVG	No	BTS define activity requests		191
BADCPACT	BINARY	CMF	4	AVG	No	BTS delete activity and cancel requests		195
BADFIECT	BINARY	CMF	4	AVG	No	BTS define input event requests		202
BADPROCT	BINARY	CMF	4	AVG	No	BTS define process requests		190
BALKPACT	BINARY	CMF	4	AVG	No	BTS link requests		189
BAPRDCCT	BINARY	CMF	4	AVG	No	BTS process data container requests		198
BARASYCT	BINARY	CMF	4	AVG	No	BTS run asynchronous requests		188
BARATECT	BINARY	CMF	4	AVG	No	BTS retrieve reattach event requests		201
BARMPACT	BINARY	CMF	4	AVG	No	BTS resume requests		194
BARSPACT	BINARY	CMF	4	AVG	No	BTS reset requests		192
BARSYNCT	BINARY	CMF	4	AVG	No	BTS run synchronous requests		187
BASUPACT	BINARY	CMF	4	AVG	No	BTS suspend requests		193
BATIAECT	BINARY	CMF	4	AVG	No	BTS timer associated event requests		203
BATOTCCT	BINARY	CMF	4	AVG	No	BTS total data container requests		200
BATOTECT	BINARY	CMF	4	AVG	No	BTS total event requests		204
BATOTPCT	BINARY	CMF	4	AVG	No	BTS total requests		197
BMSCOUNT	BINARY	CMF	4	AVG	No	Total number of BMS requests		72
BMSINCNT	BINARY	CMF	4	AVG	No	Number of BMS map in requests		70
BMSMAPCNT	BINARY	CMF	4	AVG	No	Number of BMS map requests		69
BMSOUTCNT	BINARY	CMF	4	AVG	No	Number of BMS map out requests		71
BRDGTRAN	EYUDA	CMF	4	LIKE	No	Transaction ID as started by bridge		166

Table 810. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
BRDGTRAN Output valid values	YES, NO							
BRIDGE	CHAR	INQ	4	DIFF	No	Bridge transaction ID		163
BRTOKEN	HEX	INQ	8	DIFF	No	3270 Bridge Facility Token		247
BTECOMP	EYUDA	CPSM	4	LIKE	No	Workload manager begin-to-end phase complete		315
BTECOMP Output valid values	YES, NO							
CDSAGETM	BINARY	CMF	4	AVG	No	Number of GETMAIN requests in CDSA		36
CDSAPSHWM	BINARY	CMF	4	AVG	No	Maximum program storage in CDSA		52
CDSASHWM	BINARY	CMF	4	AVG	No	Peak number of bytes used by task in CDSA		40
CDSASOCC	BINARY	CMF	4	AVG	No	Average CDSA storage usage		44
CFDTWAIT	SCLOCK12	CMF	12	MAX	No	CFDT wait time		179
CHARIN	BINARY	CMF	4	AVG	No	Number of Primary TC characters received		25
CHARINSEC	BINARY	CMF	4	AVG	No	Number of Secondary TC characters received		29
CHAROUT	BINARY	CMF	4	AVG	No	Number of Primary TC characters sent		27
CHAROUTSEC	BINARY	CMF	4	AVG	No	Number of Secondary TC characters sent		31
CHMODECT	BINARY	CMF	4	AVG	No	Number of CICS dispatcher change modes	E640P	235
CICSWAIT	SCLOCK12	CMF	12	MAX	No	CICS event wait time		169
CLIPADDR	CHAR	CMF	16	DIFF	No	Client IP address		241
CMDSEC	CVDAS	INQ	4	LIKE	No	Command level security status		93
CMDSEC Output valid values	CMDSECNO, CMDSECYES							
CONTROLWAIT	SCLOCK12	CMF	12	MAX	No	Give-up-control wait time		171
CORREUOW	HEX	CMF	23	MIN	No	Correlation UOW id		340
CPUTIME	SCLOCK12	CMF	12	MAX	No	User task CPU time		80
CURRENTPROG	CHAR	INQ	8	DIFF	No	Current program being executed		270
DB2CONWT	SCLOCK12	CMF	12	MAX	No	DB2 Connection (TCB) wait time		221
DB2PLAN	CHAR	INQ	8	DIFF	No	DB2 plan name		178
DB2RDYQW	SCLOCK12	CMF	12	MAX	No	DB2 ReadyQ wait time		220
DB2REQCT	BINARY	CMF	4	AVG	No	Total number of DB2 requests		233
DB2WAIT	SCLOCK12	CMF	12	MAX	No	DB2 request wait time		222
DETTRANATYPE	EYUDA	CPSM	4	LIKE	No	Transaction type details		314
DETTRANATYPE Output valid values	NONE, SYSTEM, MIRROR, DPL, ONCRPC, WEB, BRIDGE, CICSBTs							
DFHCHNL329	BINARY	STAT	8	AVG	No	Current container storage allocated to task.	E640	382
DFH SOCK292	BINARY	STAT	4	AVG	No	Non-persistent sockets		266
DFH SOCK293	BINARY	STAT	4	AVG	No	Persistent sockets		267
DFHSTOR033	BINARY	STAT	4	AVG	No	Task storage UDSA		253
DFHSTOR087	BINARY	STAT	4	AVG	No	Program storage - Total		257

Table 810. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
DFHSTOR106	BINARY	STAT	4	AVG	No	Task storage EUDSA		254
DFHSTOR108	BINARY	STAT	4	AVG	No	Program storage - Below		259
DFHSTOR116	BINARY	STAT	4	AVG	No	Task storage CDSA		255
DFHSTOR119	BINARY	STAT	4	AVG	No	Task storage ECDSA		256
DFHSTOR122	BINARY	STAT	4	AVG	No	Program storage - ERDSA		262
DFHSTOR139	BINARY	STAT	4	AVG	No	Program storage - Above		258
DFHSTOR142	BINARY	STAT	4	AVG	No	Program storage - ECDSA		260
DFHSTOR143	BINARY	STAT	4	AVG	No	Program storage - CDSA		261
DFHSTOR160	BINARY	STAT	4	AVG	No	Program storage - SDSA		265
DFHSTOR161	BINARY	STAT	4	AVG	No	Program storage - ESDSA		264
DFHSTOR162	BINARY	STAT	4	AVG	No	Program storage - RDSA		263
DFHTASK252	BINARY	STAT	4	AVG	No	Current CICS dispatcher TCBs		376
DHCRECT	BINARY	CMF	4	AVG	No	Number of Document Create requests		213
DHINSCT	BINARY	CMF	4	AVG	No	Number of Document Insert requests		214
DHRETCT	BINARY	CMF	4	AVG	No	Number of Document Retrieve requests		216
DHSETCT	BINARY	CMF	4	AVG	No	Number of Document Set requests		215
DHTOTCT	BINARY	CMF	4	AVG	No	Total number of Document requests		217
DHTOTDCL	BINARY	CMF	4	AVG	No	Total length of documents created		218
DISPTIME	SCLOCK12	CMF	12	MAX	No	User task dispatch time		79
DSPDELAY	SCLOCK12	CMF	12	MAX	No	First dispatch delay time		131
DTB	CVDAS	INQ	4	LIKE	No	Dynamic transaction backout option		94
DTB Output valid values	WAIT, COMMIT, BACKOUT							
DTIMEOUT	BINARY	INQ	4	AVG	No	Deadlock timeout (seconds)		95
DUMPING	CVDAS	INQ	4	LIKE	No	Transaction dump option		96
DUMPING Output valid values	TRANSDUMP, NOTRANDUMP							
ECDSAGETM	BINARY	CMF	4	AVG	No	Number of GETMAIN requests in ECDSA		37
ECDSAPSHWM	BINARY	CMF	4	AVG	No	Maximum program storage in ECDSA		51
ECDSASHWM	BINARY	CMF	4	AVG	No	Peak number of bytes used by task in ECDSA		41
ECDSASOCC	BINARY	CMF	4	AVG	No	Average ECDSA storage usage		45
ENQDELAY	SCLOCK12	CMF	12	MAX	No	Delay time for enqueue		134
EXECOMP	EYUDA	CPSM	4	LIKE	No	Workload manager execution phase complete		316
EXECOMP Output valid values	YES, NO							
EXTERNWAIT	SCLOCK12	CMF	12	MAX	No	External wait time		168
EXWAIT	SCLOCK12	CMF	12	MAX	No	Exception wait time		83
FACILITY	CHAR	INQ	4	DIFF	No	Principal facility		2
FACILITYTYPE	CVDAS	INQ	4	LIKE	No	Facility type		3
FACILITYTYPE Output valid values	TERM, DEST, TASK							

Table 810. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
FCADDCNT	BINARY	CMF	4	AVG	No	Number of file control WRITE requests		57
FCAMCNT	BINARY	CMF	4	AVG	No	Number of file control access method requests		60
FCBRWCNT	BINARY	CMF	4	AVG	No	Number of file control browse requests		56
FCCOUNT	BINARY	CMF	4	AVG	No	Total number of file control requests		59
FCDELCNT	BINARY	CMF	4	AVG	No	Number of file control DELETE requests		58
FCGETCNT	BINARY	CMF	4	AVG	No	Number of file control READ requests		54
FCIOTIME	SCLOCK12	CMF	12	MAX	No	File control I/O wait time		85
FCPUTCNT	BINARY	CMF	4	AVG	No	Number of file control REWRITE requests		55
FIRSTPRGM	CHAR	CMF	8	DIFF	No	First program name		19
GNQDELAY	SCLOCK12	CMF	12	MAX	No	Global ENQ delay time		236
ICCOUNT	BINARY	CMF	4	AVG	No	Number of interval control starts		77
IDENT	CHAR	INQ	48	DIFF	No	User data provided by the bridge exit		175
IMSREQCT	BINARY	CMF	4	AVG	No	Total number of IMS requests		232
IMSWAIT	SCLOCK12	CMF	12	MAX	No	IMS request wait time		219
INDOUBT	CVDAS	INQ	4	LIKE	No	Transaction in-doubt option		160
INDOUBT Output valid values	BACKOUT, COMMIT							
INDOUBTFAIL	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW indoubt failure		322
INDOUBTFAIL Output valid values	YES, NO							
INDOUBTMIN	BINARY	INQ	4	AVG	No	In-doubt time (minutes)		161
INDOUBTWAIT	CVDAS	INQ	4	LIKE	No	In-doubt wait option		162
INDOUBTWAIT Output valid values	WAIT, NOWAIT							
INTVLC	BINARY	CMF	4	AVG	No	Number of interval control requests		174
INTVLWAIT	SCLOCK12	CMF	12	MAX	No	Interval control delay time		170
IPFACNT	BINARY	INQ	4	AVG	No	Number of IP facilities associated with task	E640	384
IRIOTIME	SCLOCK12	CMF	12	MAX	No	Inter-region communication I/O wait time		88
ISOLATEST	CVDAS	INQ	4	LIKE	No	Data isolation type		97
ISOLATEST Output valid values	NOISOLATE, ISOLATE							
J8CPUT	SCLOCK12	CMF	12	MAX	No	J8 TCB mode CPU time		230
JCIOTIME	SCLOCK12	CMF	12	MAX	No	Journal control I/O wait time		86
JCUSRWcnt	BINARY	CMF	4	AVG	No	Number of journal output requests	E510P	176S
JRNLRITREQ	BINARY	CMF	4	AVG	No	Number of journal write requests		153
JVMSUSP	SCLOCK12	CMF	12	MAX	No	Total Java virtual machine (JVM) suspend time		246
JVMTIME	SCLOCK12	CMF	12	MAX	No	Total Java virtual machine (JVM) elapsed time		245
L8CPUT	SCLOCK12	CMF	12	MAX	No	L8 TCB mode CPU time		229

Table 810. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
LOCKMGRWAIT	SCLOCK12	CMF	12	MAX	No	Lock manager wait time		167
LOGGRWRITREQ	BINARY	CMF	4	AVG	No	Number of CICS logger write requests		154
LU61WTT	SCLOCK12	CMF	12	MAX	No	LU6.1 I/O wait time		135
LU62WTT	SCLOCK12	CMF	12	MAX	No	LU6.2 I/O wait time		136
LUNAME	CHAR	CMF	8	DIFF	No	VTAM LU name		18
MSCPUT	SCLOCK12	CMF	12	MAX	No	Other TCB mode CPU time		228
MSDISPT	SCLOCK12	CMF	12	MAX	No	Other TCB mode dispatch time		227
MSGIN	BINARY	CMF	4	AVG	No	Number of Primary TC message receives		24
MSGINSEC	BINARY	CMF	4	AVG	No	Number of Secondary TC message receives		28
MSGOUT	BINARY	CMF	4	AVG	No	Number of Primary TC message sends		26
MSGOUTSEC	BINARY	CMF	4	AVG	No	Number of Secondary TC message sends		30
MXTDELAY	SCLOCK12	CMF	12	MAX	No	First dispatch delay time caused by MXT limit		133
MXTOTDLY	SCLOCK12	CMF	12	MAX	No	Maximum delay time on an open TCB		223
NETNAME	CHAR	CMF	20	DIFF	No	Originating system netname		20
NETUOWID	HEX	CMF	27	MIN	No	Network id of UOW		341
OAPPLID	CHAR	CMF	8	MAX	No	TCP/IP Origin applid	E640	388
OCLIPADR	CHAR	CMF	16	MAX	No	TCP/IP Origin client IP address	E640	395
OCLIPORT	BINARY	CMF	4	MAX	No	TCP/IP Origin client portnumber	E640	396
OFCTYNME	CHAR	CMF	8	MAX	No	TCP/IP Origin facility name	E640	398
ONETWKID	CHAR	CMF	8	MAX	No	TCP/IP Origin networkid	E640	386
OPORTNUM	BINARY	CMF	4	MAX	No	TCP/IP Origin portnumber	E640	394
ORIGINTYPE	EYUDA	CPSM	4	LIKE	No	Transaction origin type		318
ORIGINTYPE Output valid values	NONE, TERMINAL, TDQUEUE, START, TERMSTART, SCHEDULED, XMRUN, BRIDGE, SOCKET, WEB, IIOF, RRS, LU61, LU62, MRO, ECI, IIRQRECV, RZSTTRPT							
OSTART	TIMESTP	CMF	8	MAX	No	TCP/IP Origin task start time	E640	387
OTCPSVCE	CHAR	CMF	8	MAX	No	TCP/IP Origin TCPIP SERVICE	E640	393
OTRAN	CHAR	CMF	4	MAX	No	TCP/IP Origin transaction id	E640	390
OTRANFLG	HEX	CMF	8	MAX	No	TCP/IP Origin transaction flags	E640	397
OTRANNUM	DECIMAL	CMF	4	MAX	No	TCP/IP Origin transaction seq no	E640	389
OUSERCOR	CHAR	CMF	64	MAX	No	TCP/IP Origin user specific data	E640	392
OUSERID	CHAR	CMF	8	MAX	No	TCP/IP Origin userid	E640	391
PC24RHWM	BINARY	CMF	4	AVG	No	Maximum read-only storage in RDSA		118
PC24SHWM	BINARY	CMF	4	AVG	No	Maximum shared storage in SDSA		120
PC31SHWM	BINARY	CMF	4	AVG	No	Maximum shared storage in ESDSA		119
PCDPLCT	BINARY	CMF	4	AVG	No	Distributed program link (DPL) request count		240
PCLINKCNT	BINARY	CMF	4	AVG	No	Number of program link requests		73
PCLOADCNT	BINARY	CMF	4	AVG	No	Number of program load requests		75
PCLOADTM	SCLOCK12	CMF	12	MAX	No	Program load time		90

Table 810. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
PCLURMCT	BINARY	CMF	4	AVG	No	Number of user replaceable module (URM) links		177
PCXCTLCNT	BINARY	CMF	4	AVG	No	Program transfer control (XCTL) request count		74
PERFRECCNT	BINARY	CMF	4	AVG	No	Number of performance records		141
PGCSTHWM	BINARY	STAT	8	AVG	No	Maximum container storage allocated to task.	E640	383
PRCSID	HEX	CMF	52	MIN	No	BTS process ID		183
PRCSNAME	CHAR	INQ	36	DIFF	No	BTS process name		182
PRCSTYPE	CHAR	INQ	8	DIFF	No	BTS process type		184
PRIORITY	BINARY	INQ	4	AVG	Yes	Task priority		7
PROFILE	CHAR	INQ	8	DIFF	No	Task profile name		98
PSTG24HWM	BINARY	CMF	4	AVG	No	Maximum program storage below 16 MB line		47
PSTG31HWM	BINARY	CMF	4	AVG	No	Maximum program storage above 16 MB line		48
PSTGHWM	BINARY	CMF	4	AVG	No	Maximum program storage across all DSAs		46
PURGEABILITY	CVDAS	INQ	4	LIKE	No	Purgeability status		99
PURGEABILITY Output valid values	PURGEABLE, NOTPURGEABLE							
PURGETYPE	CVDAS	INQ	4	LIKE	Yes	Purge Type		248
PURGETYPE Input/output valid values	PURGE, FORCEPURGE, KILL							
QRCPUT	SCLOCK12	CMF	12	MAX	No	CPU time used on QR TCB		226
QRDISPT	SCLOCK12	CMF	12	MAX	No	Dispatch time whilst running on QR TCB		225
QRMODDLY	SCLOCK12	CMF	12	MAX	No	Delay time whilst running on QR TCB		224
RECOVERTOKN	HEX	CMF	8	MIN	No	Recovery manager unit of work ID		142
RECTYPE	CHAR	CMF	4	DIFF	No	Record type		15
RECUNITID	HEX	INQ	8	MIN	No	Local unit of recovery ID	E510P	103
REMO TENAME	CHAR	INQ	4	DIFF	No	Remote transaction name		112
RESOLVEACT	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW resolved with indoubt action		319
RESOLVEACT Output valid values	YES, NO							
RESPTIME	INTTSTP	CPSM	8	MAX	No	Task response time		324
RESSEC	CVDAS	INQ	4	LIKE	No	Resource level security status		101
RESSEC Output valid values	RESSECNO, RESSECYES							
RLSCPUT	SCLOCK12	CMF	12	MAX	No	CPU time used by VSAM record level sharing		173
RLSWAITTIME	SCLOCK12	CMF	12	MAX	No	VSAM record level sharing wait time		156
RMISUSP	SCLOCK12	CMF	12	MAX	No	RMI suspend time		138
RMITIME	SCLOCK12	CMF	12	MAX	No	Total RMI elapsed time		137
ROFAIL	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW resource owner failure		323

Table 810. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
ROFAIL Output valid values	YES, NO							
ROPS31HWM	BINARY	CMF	4	AVG	No	Maximum program storage in ERDSA		53
ROUTING	CVDAS	INQ	4	LIKE	No	Dynamic routing type		100
ROUTING Output valid values	DYNAMIC, STATIC							
RRMSURID	HEX	CMF	16	MIN	No	RRMS/MVS unit of recovery ID		239
RRMSWAIT	SCLOCK12	CMF	12	MAX	No	RRMS/MVS syncpoint coordination delay time		237
RSVD1	SCLOCK12	CMF	12	MAX	No	Reserved space		164
RSVD2	EYUDA	CMF	4	LIKE	No	Reserved space		165
RSVD2 Output valid values	YES, NO							
RSYSID	CHAR	CMF	4	DIFF	No	Remote system ID		113
RTIMEOUT	BINARY	INQ	4	AVG	No	Read timeout (seconds)		102
RUNAWAY	BINARY	INQ	4	AVG	No	Runaway task time (milliseconds)		103
RUNSTATUS	CVDAS	INQ	4	LIKE	No	Dispatch status		9
RUNSTATUS Output valid values	DISPATCHABLE, RUNNING, SUSPENDED							
RUNTRWTT	SCLOCK12	CMF	12	MAX	No	Run synchronous transaction wait time		205
S8CPUT	SCLOCK12	CMF	12	MAX	No	S8 TCB mode CPU time		231
SCRNSIZE	CVDAS	INQ	4	LIKE	No	Screen size		104
SCRNSIZE Output valid values	ALTERNATE, DEFAULT							
SHAREDTSWAIT	SCLOCK12	CMF	12	MAX	No	Shared temporary storage wait time		172
SHSTGBYTEFMA	BINARY	CMF	4	AVG	No	FREEMAIN byte count of shared storage above 16MB		152
SHSTGBYTEFMB	BINARY	CMF	4	AVG	No	FREEMAIN byte count of shared storage below 16MB		149
SHSTGBYTEGMA	BINARY	CMF	4	AVG	No	GETMAIN byte count of shared storage above 16MB		151
SHSTGBYTEGMB	BINARY	CMF	4	AVG	No	GETMAIN byte count of shared storage below 16MB		148
SHSTGGMCABV	BINARY	CMF	4	AVG	No	Shared storage GETMAIN request count above 16MB		150
SHSTGGMCBEL	BINARY	CMF	4	AVG	No	Shared storage GETMAIN request count below 16MB		147
SHUNTED	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW shunted		320
SHUNTED Output valid values	YES, NO							
SOBYDECT	BINARY	CMF	4	AVG	No	Number of socket bytes decrypted		243
SOBYENCT	BINARY	CMF	4	AVG	No	Number of socket bytes encrypted		242
SOIOWTT	SCLOCK12	CMF	12	MAX	No	TCP/IP sockets I/O wait time		238
SRVSYWTT	SCLOCK12	CMF	12	MAX	No	CFDT syncpoint wait time		180
START	TIMESTP	CMF	8	MAX	No	Task start time		16
STARTCODE	CHAR	INQ	2	DIFF	No	Start code		91
STOP	TIMESTP	CMF	8	MAX	No	Task stop time		17

Table 810. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
STORAGECLEAR	CVDAS	INQ	4	LIKE	No	Storage clearance status		105
STORAGECLEAR Output valid values	CLEAR, NOCLEAR							
SUBEXECOMP	EYUDA	CPSM	4	LIKE	No	WLM subset of execution phase complete		317
SUBEXECOMP Output valid values	YES, NO							
SUSPENDTIME	INTSEC	INQ	4	MAX	No	Time task has been suspended		4
SUSPENDTYPE	CHAR	INQ	8	DIFF	No	Reason task is suspended		5
SUSPENDVALUE	CHAR	INQ	16	DIFF	No	Resource for which task is waiting		6
SUSPTIME	SCLOCK12	CMF	12	MAX	No	Task suspend time		81
SYNCCOUNT	BINARY	CMF	4	AVG	No	Number of syncpoint requests		78
SYNCDLY	SCLOCK12	CMF	12	MAX	No	Waiting for parent syncpoint delay time		206
SYNCPTWAITTM	SCLOCK12	CMF	12	MAX	No	Syncpoint wait time		155
SZALLCTO	BINARY	CMF	4	AVG	No	Number of FEPI allocate timeouts		127
SZALLOCT	BINARY	CMF	4	AVG	No	Number of FEPI allocate requests		121
SZCHRIN	BINARY	CMF	4	AVG	No	Number of FEPI characters received		126
SZCHROUT	BINARY	CMF	4	AVG	No	Number of FEPI characters sent		125
SZRCVCT	BINARY	CMF	4	AVG	No	Number of FEPI receive requests		122
SZRCVTO	BINARY	CMF	4	AVG	No	Number of FEPI receive timeouts		128
SZSENDCT	BINARY	CMF	4	AVG	No	Number of FEPI send requests		123
SZSTRTCT	BINARY	CMF	4	AVG	No	Number of FEPI start requests		124
SZTOTCT	BINARY	CMF	4	AVG	No	Total number of FEPI requests		129
SZWAIT	SCLOCK12	CMF	12	MAX	No	FEPI suspend time		130
TASK-1	DECIMAL	INQ	4	MAX	Yes	Task ID		1
TASKDATAKEY	CVDAS	INQ	4	LIKE	No	Data storage key		106
TASKDATAKEY Output valid values	CICSDATAKEY, USERDATAKEY							
TASKDATALOC	CVDAS	INQ	4	LIKE	No	Data location		107
TASKDATALOC Output valid values	BELOW, ANY							
TASKFLAG	BINARY	CMF	4	AVG	No	Transaction error flags		21
TCB	CVDAS	INQ	4	LIKE	No	CICS TCB type		181
TCB Output valid values	CKOPEN, UKOPEN, QR, INTERNAL							
TCBATTCT	BINARY	CMF	4	AVG	No	Number of CICS dispatcher TCB attaches		235
TCC62IN2	BINARY	CMF	4	AVG	No	Number of secondary LU6.2 characters received		115
TCC62OU2	BINARY	CMF	4	AVG	No	Number of secondary LU6.2 characters sent		117
TCIOTIME	SCLOCK12	CMF	12	MAX	No	Terminal I/O wait time		84
TCLDELAY	SCLOCK12	CMF	12	MAX	No	First dispatch delay time caused by TCL		132
TCM62IN2	BINARY	CMF	4	AVG	No	Number of secondary LU6.2 messages received		114

Table 810. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TCM62OU2	BINARY	CMF	4	AVG	No	Number of secondary LU6.2 messages sent		116
TDCOUNT	BINARY	CMF	4	AVG	No	Total number of transient data requests		64
TDGETCNT	BINARY	CMF	4	AVG	No	Number of transient data get requests		61
TDIOTIME	SCLOCK12	CMF	12	MAX	No	Transient data I/O wait time		89
TDPURCNT	BINARY	CMF	4	AVG	No	Number of transient data purge requests		63
TDPUTCNT	BINARY	CMF	4	AVG	No	Number of transient data put requests		62
TERMCONNAME	CHAR	CMF	4	DIFF	No	Terminal connection name		146
TERMID	CHAR	CMF	4	DIFF	No	Actual terminal ID or session ID		244
TERMNALINFO	HEX	CMF	4	MIN	No	Terminal information		157
TERMSTG	BINARY	CMF	4	AVG	No	Terminal storage	E410P	335
TMRCBRNM	CHAR	CMF	4	LIKE	No	CorbaServer name		327
TMRCFACT	BINARY	STAT	4	AVG	No	Number OO class library API requests		281
TMRCIPOR	BINARY	CMF	4	MAX	No	Client IP Port	E640	401
TMRCMDLY	SCLOCK12	CMF	12	AVG	No	CICS TCB Change Mode delay time		368
TMRDHDLC	BINARY	CMF	4	AVG	No	Number of Document Delete requests	E640	381
TMRDSCWT	SCLOCK12	CMF	12	MAX	No	MVS DS storage constraint wait time		339
TMRDSMWT	SCLOCK12	CMF	12	MAX	No	Dispatcher TCB mismatch wait time		338
TMRDSTHW	BINARY	CMF	4	AVG	No	CICS dispatcher TCB high water mark		328
TMREJBAC	BINARY	CMF	4	AVG	No	Number of bean state activation requests		329
TMREJBCC	BINARY	CMF	4	AVG	No	Number of bean creation requests		331
TMREJBPC	BINARY	CMF	4	AVG	No	Number of bean state passivation requests		330
TMREJBRC	BINARY	CMF	4	AVG	No	Number of bean removal requests		332
TMREJBTC	BINARY	CMF	4	AVG	No	Total number of Enterprise bean requests		334
TMREJMCT	BINARY	CMF	4	AVG	No	Number of Enterprise bean method calls		333
TMRHTDLY	SCLOCK12	STAT	12	AVG	No	Maximum Hot-Pooling TCB delay time	E640P	306
TMRICSCC	BINARY	CMF	4	AVG	No	Total local START CHANNEL requests		371
TMRICSCD	BINARY	CMF	4	AVG	No	Data length of all local START CHANNEL requests		372
TMRICSRC	BINARY	CMF	4	AVG	No	Total remote START CHANNEL requests		373
TMRICSRD	BINARY	CMF	4	AVG	No	Data length of all remote START CHANNEL requests		374
TMRISACT	BINARY	CMF	4	MAX	No	Number of IPCONN allocate requests	E640	403
TMRISCNM	CHAR	CMF	8	MAX	No	IPCONN Name	E640	402
TMRISWT	SCLOCK12	CMF	12	MAX	No	IPCONN I/O wait time	E640	404
TMRJ9CPU	SCLOCK12	CMF	12	MAX	No	J9 TCB mode CPU time		337

Table 810. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TMRJTDLY	SCLOCK12	STAT	12	AVG	No	Maximum Java virtual machine (JVM) TCB delay time		305
TMRJVMIT	SCLOCK12	STAT	12	AVG	No	Java virtual machine (JVM) elapsed time - initialise		311
TMRJVMRT	SCLOCK12	STAT	12	AVG	No	Java virtual machine (JVM) elapsed time - resetting		312
TMRKY8CP	SCLOCK12	STAT	12	AVG	No	User task key 8 mode CPU time		304
TMRKY8DS	SCLOCK12	STAT	12	AVG	No	User task key 8 mode dispatch time		303
TMRKY9CP	SCLOCK12	STAT	12	AVG	No	User task key 9 mode CPU time		336
TMRKY9DS	SCLOCK12	STAT	12	AVG	No	User task key 9 mode dispatch time		335
TMRL9CPU	SCLOCK12	CMF	12	MAX	No	User task L9 mode CPU time		375
TMRMQGWT	SCLOCK12	CMF	12	MAX	No	Websphere MQ Getwait wait time	E640	400
TMRNETID	CHAR	STAT	8	DIFF	No	Network id		277
TMRNETSX	HEX	CMF	8	DIFF	No	LU6.2 network-wide UOW instance and sequence number		325
TMROIDWT	SCLOCK12	STAT	12	AVG	No	OTS indoubt wait time		310
TMROTSID	CHAR	STAT	128	DIFF	No	OTS transaction id		280
TMRPCDCC	BINARY	CMF	4	AVG	No	Number of DPL program link requests with channel		347
TMRPCDLL	BINARY	CMF	4	AVG	No	Data length of all DPL program links with channel		343
TMRPCDRL	BINARY	CMF	4	AVG	No	Total data length of all DPL returns with channel		344
TMRPCLCC	BINARY	CMF	4	AVG	No	Number of program link requests with channel		345
TMRPCRCC	BINARY	CMF	4	AVG	No	Number of program return requests with channel		348
TMRPCRCL	BINARY	CMF	4	AVG	No	Data length of all program returns with channel		349
TMRPCXCC	BINARY	CMF	4	AVG	No	Number of program XCTL requests with channel		346
TMRPGBCC	BINARY	CMF	4	AVG	No	Number of browse container channel requests		351
TMRPGCCC	BINARY	CMF	4	AVG	No	Number of containers created for channel containers		379
TMRPGCTC	BINARY	CMF	4	AVG	No	Total number of channel data container requests		350
TMRPGGCC	BINARY	CMF	4	AVG	No	Number of get container channel requests		352
TMRPGGCL	BINARY	CMF	8	AVG	No	Data length of all get container channel requests issued by this task.		355
TMRPGMCC	BINARY	CMF	4	AVG	No	Number of move container channel requests		354
TMRPGPCC	BINARY	CMF	4	AVG	No	Number of put container channel requests		353
TMRPGPCL	BINARY	CMF	8	AVG	No	Data length of all put container channel requests		356
TMRPORTN	BINARY	STAT	4	AVG	No	TCP/IP service port number		279
TMRPTPWT	SCLOCK12	STAT	12	AVG	No	Partner wait time		313
TMRRLUNM	CHAR	STAT	8	DIFF	No	Real LUNAME		278

Table 810. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TMRROCPU	SCLOCK12	STAT	12	AVG	No	User task RO mode CPU time		302
TMRRODSP	SCLOCK12	STAT	12	AVG	No	User task RO mode dispatch time		301
TMRRQPWT	SCLOCK12	STAT	12	AVG	No	Request processor wait time		309
TMRRQRWT	SCLOCK12	STAT	12	AVG	No	Request receiver wait time		308
TMRSOCIN	BINARY	STAT	4	AVG	No	Number characters received		293
TMRSOCNS	BINARY	STAT	4	AVG	No	Number CREATE non-persistent socket requests		288
TMRSOCOT	BINARY	STAT	4	AVG	No	Number characters sent		295
TMRSOCPS	BINARY	STAT	4	AVG	No	Number CREATE persistent socket requests		289
TMRSOERC	BINARY	STAT	4	AVG	No	EXTRACT TCPIP and EXTRACT CERTIFICATE request count		287
TMRSOI1C	BINARY	STAT	4	AVG	No	Number inbound socket characters received		298
TMRSOIMC	BINARY	STAT	4	AVG	No	Number inbound socket receive requests		297
TMRSONHW	BINARY	STAT	4	AVG	No	Non-persistent socket HWM		290
TMRSOO1C	BINARY	STAT	4	AVG	No	Number inbound socket characters sent		300
TMRSOOMC	BINARY	STAT	4	AVG	No	Number inbound socket send requests		299
TMRSOOWT	SCLOCK12	STAT	12	AVG	No	Outbound socket I/O wait time		307
TMRSOPHW	BINARY	STAT	4	AVG	No	Persistent socket HWM		291
TMRSORCT	BINARY	STAT	4	AVG	No	Number socket receive requests		292
TMRSOSCT	BINARY	STAT	4	AVG	No	Number socket send requests		294
TMRSOTC	BINARY	STAT	4	AVG	No	Total number socket requests		296
TMRSTDLY	SCLOCK12	CMF	12	AVG	No	Maximum CICS SSL TCB delay time		366
TMRTCPV	CHAR	CMF	8	DIFF	No	TCP/IP Service name		326
TMRTGPID	HEX	STAT	28	DIFF	No	Transaction group id		275
TMRTRSN	DECIMAL	STAT	4	MAX	No	Transaction sequence number		274
TMRWBBOC	BINARY	CMF	4	AVG	No	Number of web browse requests		365
TMRWBBOC	BINARY	STAT	4	AVG	No	Number WEB BROWSE requests		284
TMRWBBOC	BINARY	STAT	4	AVG	No	Number WEB EXTRACT requests		283
TMRWBI1C	BINARY	CMF	4	AVG	No	Number of bytes received by web requests		361
TMRWBIRC	BINARY	CMF	4	AVG	No	Number of web receive requests		360
TMRWBIWC	BINARY	CMF	4	AVG	No	Number of invoke web service requests		357
TMRWBO1C	BINARY	CMF	4	AVG	No	Number of bytes sent by web send requests		363
TMRWBOSC	BINARY	CMF	4	AVG	No	Number of web send requests		362
TMRWBPRC	BINARY	CMF	4	AVG	No	Number of web parse requests		364
TMRWBRDL	BINARY	CMF	4	AVG	No	Data length of data read from the repository		377
TMRWBROC	BINARY	CMF	4	AVG	No	Number of web read requests		358
TMRWBRPR	BINARY	STAT	4	AVG	No	Number repository reads		282
TMRWBRRC	BINARY	STAT	4	AVG	No	Number WEB READ requests		285

Table 810. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TMRWBWDL	BINARY	CMF	4	AVG	No	Data length of data written to the repository		378
TMRWBWOC	BINARY	CMF	4	AVG	No	Number of web write requests		359
TMRWBWRC	BINARY	STAT	4	AVG	No	Number WEB WRITE requests		286
TMRWMQRC	BINARY	CMF	4	MAX	No	Total number Websphere MQ requests	E640	399
TMRX8CPU	SCLOCK12	CMF	12	AVG	No	User task X8 mode CPU time		369
TMRX9CPU	SCLOCK12	CMF	12	AVG	No	User task X9 mode CPU time		370
TMRXTDLY	SCLOCK12	CMF	12	AVG	No	Maximum CICS XPLink TCB delay time		367
TRACING	CVDAS	INQ	4	LIKE	No	Task tracing type		108
TRACING Output valid values	SPECTRACE, STANTRACE, SPRSTRACE							
TRANCLASS	CHAR	INQ	8	DIFF	No	Transaction class		10
TRANFLAGS	HEX	CMF	8	MIN	No	Transaction flags		145
TRANID	CHAR	INQ	4	DIFF	No	Transaction		11
TRANPRIORITY	BINARY	INQ	4	AVG	No	Transaction priority		109
TRANTYPE	CHAR	CMF	4	DIFF	No	Transaction type		14
TRPROF	CHAR	INQ	8	DIFF	No	Transaction routing profile name		110
TSCOUNT	BINARY	CMF	4	AVG	No	Total number of temporary storage requests		68
TSGETCNT	BINARY	CMF	4	AVG	No	Number of temporary storage gets		65
TSIOTIME	SCLOCK12	CMF	12	MAX	No	Temporary storage I/O wait time		87
TSPUTACNT	BINARY	CMF	4	AVG	No	Number of TS puts to auxiliary storage		66
TSPUTMCNT	BINARY	CMF	4	AVG	No	Number of TS puts to main storage		67
TWASIZE	BINARY	INQ	4	AVG	No	Size in bytes of transaction work area (TWA)		111
UNITOFWORK	HEX	INQ	16	MIN	No	Local unit of work (UOW) ID		159
UNSHUNTED	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW unshunted		321
UNSHUNTED Output valid values	YES, NO							
UOWID	HEX	CMF	8	MIN	No	Network UOW instance and sequence number		8
USERID	CHAR	INQ	8	DIFF	No	User ID		12
USRPS24HWM	BINARY	CMF	4	AVG	No	Maximum program storage in UDSA		50
USRPS31HWM	BINARY	CMF	4	AVG	No	Maximum program storage in EUDSA		49
USTG24CNT	BINARY	CMF	4	AVG	No	User storage GETMAIN request count below 16MB		34
USTG24HWM	BINARY	CMF	4	AVG	No	Peak number of bytes used by task in UDSA		38
USTG24OCC	BINARY	CMF	8	AVG	No	Average storage usage below 16 MB line		42
USTG31CNT	BINARY	CMF	4	AVG	No	User storage GETMAIN request count above 16MB		35
USTG31HWM	BINARY	CMF	4	AVG	No	Peak number of bytes used by task in EUDSA		39
USTG31OCC	BINARY	CMF	8	AVG	No	Average storage usage above 16 MB line		43

Table 810. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
WAITTIME	SCLOCK12	CMF	12	MAX	No	Dispatch wait time		82
WBCHRIN	BINARY	CMF	4	AVG	No	Number of characters received via WEB requests		208
WBCHROUT	BINARY	CMF	4	AVG	No	Number of characters sent via WEB requests		210
WBRCVCT	BINARY	CMF	4	AVG	No	Number of WEB receive requests		207
WBREPWCT	BINARY	CMF	4	AVG	No	Number of WEB repository writes		212
WBSENDCT	BINARY	CMF	4	AVG	No	Number of WEB send requests		209
WBTOTCT	BINARY	CMF	4	AVG	No	Total number of WEB requests		211
WLMRPTRCNAME	CHAR	CMF	8	DIFF	No	Workload manager report class name		144
WLMSRVCNAME	CHAR	CMF	8	DIFF	No	Workload manager service class name		143

TASKTSQ Resource Table

A CICS Resource that describes tasks and the CICS Temporary Storage Queues they have used in an active system being managed by CICSplex SM. Note that for these records to be available, the MAS must be running with the SIT parameter MNRES=ON, and be using an MCT that specifies a value greater than 0 for TSQUEUE on the DFHMCT TYPE=INITIAL macro.

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

External resource name

Length

128

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0146

Table 811. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 812. TASKTSQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MNRSTART	TIMESTP	STAT	8	MAX	No	Task start time	14
MNRTASKNO-1	DECIMAL	STAT	4	MAX	Yes	Task ID	11
MNRTRANID	CHAR	STAT	4	DIFF	No	Transaction ID	12
MNRTSQLIMIT	EYUDA	STAT	4	LIKE	No	TS queue limit exceeded	15
MNRTSQLIMIT Output valid values	YES, NO						
MNRUSERID	CHAR	STAT	8	DIFF	No	User ID	13
PUTAUXITEML	BINARY	STAT	4	SUM	No	Auxiliary TS queue WRITEQ item length	9
PUTMAINITEML	BINARY	STAT	4	SUM	No	Main TS queue WRITEQ item length	10
SHRTSQIOWT	SCLOCK	STAT	8	AVG	No	Shared TS queue I/O wait time	7
TSQGET	SCLOCK	STAT	8	AVG	No	TS queue READQ time and count	2
TSQGETITEML	BINARY	STAT	4	SUM	No	TS queue READQ item length	8
TSQIOWT	SCLOCK	STAT	8	AVG	No	TS queue I/O wait time	6
TSQNAME-2	CHAR	STAT	16	DIFF	Yes	TS queue name	1
TSQPUTAUX	SCLOCK	STAT	8	AVG	No	Auxiliary TS queue WRITEQ time and count	3
TSQPUTMAIN	SCLOCK	STAT	8	AVG	No	Main TS queue WRITEQ time and count	4
TSQTOTAL	SCLOCK	STAT	8	AVG	No	Total TSQ READQ, WRITEQ and DELETEDQ time and count	5

TCLINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type
CICSplex SM Definition

Copybook identifier
EYUt6159

Table 813. Valid CPSM operations

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

Table 814. TCLINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 815. TCLINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
TRNCLGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
TRNCLNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	Transaction class definition name	6
TRNCLVER-3	BINARY	CPSM	1	Yes	AVG	Yes	Transaction class definition version	7

TCPDEF Resource Table

A CICS Definition that describes a TCP/IP Service.

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

The following actions are supported:

INSTALL

Install a TCP/IP Service Definition.

The parameter data for the INSTALL action is described in "Parameters for installing CICS Definitions" on page 9.

External resource name

Length

400

Usage API or Batch Utility

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICS Definition

Copybook identifier
EYUt3823

Table 816. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO)	No
		MODE(value)	No
		NOTIFY(NOINACTIVEIRELEASEIFFULL)	No
		OVERRIDE	No
		OVERTYPE(TARGETIRELATEDIBOTHINONE)	No
		RELATED(value)	No
		STATECHK(YESINO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 817. TCPDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list

Table 817. TCPDEF FEEDBACK error codes (continued)

27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid oertype	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICTS	Scope conflict

Table 818. TCPDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ATTACHSEC	EYUDA	CPSM	4	No	LIKE	No	Attach-time security	NOTAPPLIC			30
ATTACHSEC Input/output valid values	LOCAL, VERIFY, NOTAPPLIC										
AUTHENTICATE	EYUDA	CPSM	4	Yes	LIKE	No	Authentication level	NO			25
AUTHENTICATE Input/output valid values	NO, BASIC, CERTIFICATE, AUTOREGISTER, AUTOMATIC, NOTAPPLIC, ASSERTED										
BACKLOG	CHAR	CPSM	8	Yes	DIFF	No	Queue backlog limit	00001	0-32767		12
CERTIFICATE	CHAR	CPSM	56	No	DIFF	No	Certificate				15
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CIPHERS	CHAR	CPSM	56	No	LIKE	No	SSL cipher suite codes				32
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				16
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5

Table 818. TCPDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	037	0-99999999		34
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				20
DNSGROUP	CHAR	CPSM	18	No	DIFF	No	Domain name service (DNS) group				27
GRPCRITICAL	EYUDA	CPSM	4	No	LIKE	No	Critical domain name service (DNS) group member	NOTAPPLIC			29
GRPCRITICAL Input/output valid values	NO, YES, NOTAPPLIC										
IPADDRESS	CHAR	CPSM	15	No	DIFF	No	IP address				22
MAXDATALEN	CHAR	CPSM	6	No	DIFF	No	Maximum length of data to be received or sent	32	3-524288		33
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
PORTNUMBER	CHAR	CPSM	8	Yes	DIFF	No	Port number		1-65535		8
PRIVACY	CVDAS	CPSM	4	No	LIKE	No	Privacy	NOTAPPLIC		E640P3US	
PRIVACY Input/output valid values	REQUIRED, SUPPORTED, NOTSUPPORTED, NOTAPPLIC										
PROTOCOL	CVDAS	CPSM	4	No	LIKE	No	Protocol				26
PROTOCOL Input/output valid values	HTTP, IIOP, ECI, USER, NOTAPPLIC, IPIC										
REALM	CHAR	CPSM	56	No	DIFF	No	Basic authentication realm name			E640	35
SOCKETCLOSE	CHAR	CPSM	6	No	DIFF	No	Timeout for socket close (HHMMSS)				23
SSL	EYUDA	CPSM	4	Yes	LIKE	No	Secure sockets layer (SSL) type	NO			13
SSL Input/output valid values	YES, NO, CLIENTAUTH										

Table 818. TCPDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	TCP/IP service status	OPEN			9
STATUS Input/output valid values	OPEN, CLOSED										
TRANSACTION	CHAR	CPSM	4	Yes	DIFF	No	CICS transaction ID				10
TSQPPREFIX	CHAR	CPSM	6	No	DIFF	No	TS queue prefix				21
URM	CHAR	CPSM	8	No	DIFF	No	User-replaceable module name				11
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				17
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				18
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				19

TCPINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a TCP/IP Service definition (TCPDEF) in a resource group (RESGROUP). A TCPDEF can be a member of multiple RESGROUPs.

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier
EYUt6168

Table 819. Valid CPSM operations

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

Table 820. TCPINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 821. TCPINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
TCPGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource Group name	5
TCPNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	TCP/IP service definition name	6
TCPVER-3	BINARY	CPSM	1	Yes	AVG	Yes	TCP/IP service definition version	7

TCP/IP GBL Resource Table

A CICS Resource that provides information about CICS internal TCP/IP sockets support.

There are no object specific actions for this resource class.

External resource name

Length

608

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type
CICS Resource
Copybook identifier
EYUt0113

Table 822. Valid CPSM operations

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

Table 823. TCPIPGBL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ACTSOCKETS	BINARY	INQ	4	AVG	No	Number of active TCP/IP sockets		3
CDELMAXSOCKS	BINARY	STAT	4	AVG	No	Current number of requests delayed at maximum sockets		17
CINSOCKETS	BINARY	STAT	4	AVG	No	Number of inbound sockets		4
COUSOCKETS	BINARY	STAT	4	AVG	No	Number of outbound sockets		6
CPERSOCKETS	BINARY	STAT	4	AVG	No	Number of persistent outbound sockets		8
CQTMASOCKS	BINARY	STAT	4	AVG	No	Current delay time at maximum sockets (seconds)		19
CRLPROFILE	CHAR	INQ	246	LIKE	No	Certificate Revocation List (CRL) Profile Name		21
CRLSERVER	CHAR	INQ	255	LIKE	No	CRL server name		21
DELMASOCKS	BINARY	STAT	4	AVG	No	Total number of requests delayed at maximum sockets		14
INSOCKETSCR	BINARY	STAT	4	AVG	No	Number of inbound sockets created		10
MAXSOCKETS	BINARY	INQ	4	AVG	Yes	Maximum number of TCP/IP sockets		2
OUTSOCKETSCS	BINARY	STAT	4	AVG	No	Number of outbound sockets closed		12
OUTSOCKETSCR	BINARY	STAT	4	AVG	No	Number of outbound sockets created		11
PDELMASOCKS	BINARY	STAT	4	MAX	No	Peak number of requests delayed at maximum sockets		18
PINSOCKETS	BINARY	STAT	4	MAX	No	Peak number of inbound sockets		5
POUSOCKETS	BINARY	STAT	4	MAX	No	Peak number of outbound sockets		7
PPERSOCKETS	BINARY	STAT	4	MAX	No	Peak number of persistent outbound sockets		9
QTMASOCKS	BINARY	STAT	4	AVG	No	Total delay time at maximum sockets (seconds)		15
RSVD1	CHAR	CPSM	9	LIKE	No	Reserved area	EALL	22
SSLCACHE	CVDAS	INQ	4	LIKE	No	SSL cache type		20
SSLCACHE Output valid values	CICS, SYSPLEX							
STATUS	CVDAS	INQ	4	LIKE	Yes	TCP/IP status		1
STATUS Input/output valid values	OPEN, CLOSED, IMMCLOSE							
STATUS Output valid values	CLOSING, IMMCLOSING, OPENING							

Table 823. TCPIPGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TDOMAXSOCKS	BINARY	STAT	4	AVG	No	Number of timeouts at maximum sockets		16
TIMMAXSOCKS	BINARY	STAT	4	AVG	No	Number of times maximum sockets reached		13

TCPIPS Resource Table

A CICS Resource that describes a TCP/IP Service in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

CLOSE

Close a TCP/IP Service

DISCARD

Discard a TCP/IP Service

IMMCLOSE

Close a TCP/IP Service immediately

OPEN Open a TCP/IP Service

These actions require no unique parameter data.

External resource name

Length

336

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0103

Table 824. Valid CPSM operations

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

Table 824. Valid CPSM operations (continued)

CLOSE	None	N/A
IMMCLOSE	None	N/A
DEREGISTER	None	N/A

Table 825. TCPIPS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ATTACHSEC	CVDAS	INQ	4	LIKE	No	Attach-time security		32
ATTACHSEC Output valid values	LOCAL, VERIFY							
AUTHENTICATE	CVDAS	INQ	4	LIKE	No	Authentication level		24
AUTHENTICATE Output valid values	AUTOAUTH, AUTOREGISTER, BASICAUTH, CERTIFICAUTH, NOAUTHENTIC, ASSERTED							
BACKLOG	BINARY	INQ	4	AVG	Yes	Queue backlog limit		3
BYTERCVD	BINARY	STAT	8	AVG	No	Number of bytes received across all sockets		21
BYTESENT	BINARY	STAT	8	AVG	No	Number of bytes sent across all sockets		19
CERTIFICATE	CHAR	INQ	32	DIFF	No	Certificate		25
CIPHERS	CHAR	INQ	56	LIKE	No	SSL cipher suite codes		34
CLOSETIMEOUT	BINARY	INQ	4	AVG	No	Timeout for socket close (seconds)		23
CONNECTIONS	BINARY	INQ	4	AVG	No	Number of connections		8
DNSGROUP	CHAR	INQ	18	DIFF	No	Domain name service (DNS) group		28
DNSSTATUS	CVDAS	INQ	4	LIKE	Yes	Domain name service (DNS) status		30
DNSSTATUS Input/output valid values	DEREGISTERED							
DNSSTATUS Output valid values	UNAVAILABLE, UNREGISTERED, REGISTERED, REGERROR, DEREGERROR, NOTAPPLIC							
GMTSERVOPN	DATETIME	STAT	8	MAX	No	GMT service open time		14
GRPCRITICAL	CVDAS	INQ	4	LIKE	No	Critical domain name service (DNS) group member		31
GRPCRITICAL Output valid values	NONCRITICAL, CRITICAL							
IPADDRESS	CHAR	INQ	15	DIFF	No	IP address		10
MAXDATALEN	BINARY	INQ	4	AVG	Yes	Maximum length of data that may be received		37
NAME-1	CHAR	INQ	8	DIFF	Yes	TCP/IP service name		1
NUMCIPHERS	BINARY	INQ	2	LIKE	No	Number of SSL cipher suite codes		35
OPENSTATUS	CVDAS	INQ	4	LIKE	Yes	TCP/IP service status		4
OPENSTATUS Input/output valid values	OPEN, CLOSED, IMMCLOSE							
OPENSTATUS Output valid values	OPENING, CLOSING, IMMCLOSING							
PEAKCONNS	BINARY	STAT	4	AVG	No	Peak number of connections		13
PORT	BINARY	INQ	4	MAX	No	Port number		2

Table 825. TCPIPS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
PRIVACY	CV DAS	INQ	4	LIKE	No	Privacy for clients using this service		33
PRIVACY Output valid values	REQUIRED, SUPPORTED, NOTSUPPORTED							
PROTOCOL	CV DAS	INQ	4	LIKE	No	Protocol		27
PROTOCOL Output valid values	HTTP, IIOP, NOTAPPLIC, ECI, IPIC							
REALM	CHAR	INQ	56	DIFF	No	Basic authentication realm name	E640	38
RECEIVES	BINARY	STAT	4	AVG	No	Number of receives across all sockets		20
SENDS	BINARY	STAT	4	AVG	No	Number of sends across all sockets		18
SOCKETCLOSE	CV DAS	INQ	4	LIKE	No	Socket close action		22
SOCKETCLOSE Output valid values	WAIT, TIMEOUT							
SSLTYPE	CV DAS	INQ	4	LIKE	No	Secure sockets layer (SSL) type		7
SSLTYPE Output valid values	SSL, NOSSL, CLIENTAUTH							
TIMEOPEN	DATETIME	STAT	8	MAX	No	Local service open time		15
TRANATTACH	BINARY	STAT	4	AVG	No	Number of transactions attached		12
TRANSID	CHAR	INQ	4	DIFF	No	CICS transaction ID		5
TSQPREFIX	CHAR	INQ	6	DIFF	No	TS queue prefix		9
URM	CHAR	INQ	8	DIFF	Yes	User-replaceable module name		6

TDQDEF Resource Table

A CICS Definition that describes an intrapartition, extrapartition, indirect or remote transient data queue.

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

The following actions are supported:

INSTALL

Install a Transient Data Queue Definition.

The parameter data for the INSTALL action is described in "Parameters for installing CICS Definitions" on page 9.

External resource name

Length

376

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3811

Table 826. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO)	No
		MODE(INTRA EXTRA IND)	No
		NOTIFY(NO INACTIVE RELEASE FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET RELATED BOTH NONE)	No
		RELATED(value)	No
		STATECHK(YESINO)	No
		TARGET(value)	Yes
		USAGE(LOCAL REMOTE)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 827. TDQDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage

Table 827. TDQDEF FEEDBACK error codes (continued)

37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid overtyp	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 828. TDQDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ATIFACILITY	EYUDA	CPSM	4	Yes	LIKE	No	Destination type	TERMINAL			16
ATIFACILITY Input/output valid values	TERMINAL, FILE, SYSTEM										
BLOCKFORMAT	CVDAS	CPSM	4	No	LIKE	No	Block option	NOTAPPLIC			9
BLOCKFORMAT Input/output valid values	BLOCKED, UNBLOCKED, NOTAPPLIC										
BLOCKSIZE	CHAR	CPSM	8	No	DIFF	No	Block size	0	0-32767		21
BUFNO	CHAR	CPSM	4	No	DIFF	No	Number of buffers	1	1-255	E510P46S	46S
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				48
DATABUFFERS	CHAR	CPSM	4	No	DIFF	No	Number of buffers	1	1-255		23
DDNAME	CHAR	CPSM	8	Yes	DIFF	No	Data set name defined in JCL				29
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		53
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				52
DEVFILENAME	CHAR	CPSM	40	Yes	DIFF	No	Device file name			EALL	37

Table 828. TDQDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
DEVICEINIT	EYUDA	CPSM	4	Yes	LIKE	No	Open at initialization	INITIAL		E330P	405
DEVICEINIT Input/output valid values	INITIAL, DEFERRED										
DEVICETYPE	EYUDA	CPSM	4	Yes	LIKE	No	Type of device	DISK		E330P	405
DEVICETYPE Input/output valid values	DISK, TAPE, PRINTER										
DISPOSITION	EYUDA	CPSM	4	Yes	LIKE	No	Disposition	SHR			11
DISPOSITION Input/output valid values	SHR, OLD, MOD										
DSNAME	CHAR	CPSM	44	No	DIFF	No	QSAM data set defined in JCL				30
ERROROPTION	EYUDA	CPSM	4	Yes	LIKE	No	Error option	IGNORE			12
ERROROPTION Input/output valid values	IGNORE, SKIP										
FACILITYID	CHAR	CPSM	4	No	DIFF	No	Facility identifier				31
FILELABEL	EYUDA	CPSM	4	Yes	LIKE	No	Write a standard label	NO		EALL	43
FILELABEL Input/output valid values	YES, NO										
INDIRECTNAME	CHAR	CPSM	4	No	DIFF	No	Indirect transient data queue (TDQ) name				34
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
OPENTIME	EYUDA	CPSM	4	Yes	LIKE	No	Data set open time	INITIAL			13
OPENTIME Input/output valid values	INITIAL, DEFERRED										
PRINTCONTROL	EYUDA	CPSM	4	No	LIKE	No	Printer control	N_A			14
PRINTCONTROL Input/output valid values	ASA, MACHINE, N_A										
PRINTERNUM	CHAR	CPSM	4	No	DIFF	No	Printer number	1403	1403-5203	E330P	405
RECORDFORMAT	CVDAS	CPSM	4	No	LIKE	No	Record format	UNDEFINED			10

Table 828. TDQDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
RECORDFORMAT Input/output valid values	UNDEFINED, VARIABLE, FIXED										
RECORDSIZE	CHAR	CPSM	8	No	DIFF	No	Record size	1	0-32767		22
RECOVSTATUS	EYUDA	CPSM	4	Yes	LIKE	No	Recovery option	NO			17
RECOVSTATUS Input/output valid values	NO, PHYSICAL, LOGICAL										
REMOTELength	CHAR	CPSM	8	No	DIFF	No	Remote length	1	0-32767		25
REMOTENAME	CHAR	CPSM	4	No	DIFF	No	Remote transient data queue (TDQ) name				35
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	No	System identifier of remote destination				36
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	No	Queue is resident or non-resident	YES		E330P	40S
RESIDENT Input/output valid values	YES, NO										
REUSE	EYUDA	CPSM	4	Yes	LIKE	No	Reuse control intervals	YES		E330P	40S
REUSE Input/output valid values	YES, NO										
REWIND	EYUDA	CPSM	4	Yes	LIKE	No	Tape disposition	LEAVE			15
REWIND Input/output valid values	LEAVE, REREAD										
RSL	CHAR	CPSM	8	No	DIFF	No	Resource security value	PUBLIC	1-24	E330P	39S
RSL Input/output valid values	PUBLIC										
SYSOUTCLASS	CHAR	CPSM	1	No	DIFF	No	System output (SYSOUT) class				27
TAPEMARK	EYUDA	CPSM	4	Yes	LIKE	No	Write a file tapemark	NO		EALL	42

Table 828. TDQDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
TAPEMARK Input/output valid values	YES, NO										
TDQTYPE	EYUDA	CPSM	4	Yes	LIKE	No	Transient data queue (TDQ) type	EXTRA			26
TDQTYPE Input/output valid values	EXTRA, INTRA, INDIRECT, REMOTE										
TERMID	CHAR	CPSM	4	No	DIFF	No	Terminal name				38
TRANSID	CHAR	CPSM	4	No	DIFF	No	Transaction started at trigger level				32
TRIGGERLEVEL	CHAR	CPSM	8	No	DIFF	No	Trigger level	1	0-32767		24
TYPEFILE	CVDAS	CPSM	4	Yes	LIKE	No	Data set type	INPUT			20
TYPEFILE Input/output valid values	INPUT, OUTPUT, RDBACK										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				49
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				50
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				51
USERID	CHAR	CPSM	8	No	DIFF	No	User ID on the triggered transaction				33
WAIT	EYUDA	CPSM	4	Yes	LIKE	No	Wait for UOW resynchronization	N_A			18
WAIT Input/output valid values	YES, NO, N_A										
WAITACTION	EYUDA	CPSM	4	Yes	LIKE	No	In-doubt UOW wait action	N_A			19
WAITACTION Input/output valid values	REJECT, QUEUE, N_A										

TDQGBL Resource Table

A CICS Resource that describes the general characteristics of transient data usage in an active CICS system being managed by CICSplex SM .

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

There are no object specific actions for this resource class.

External resource name

Length

120

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0025

Table 829. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 830. TDQGBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ACCESSCNT	BINARY	STAT	4	AVG	Number of intrapartition accesses	3
BUFFERS	BINARY	STAT	4	AVG	Number of intrapartition buffers	1
BUFFWAITS	BINARY	STAT	4	AVG	Number of intrapartition buffer waits	5
CINUM	BINARY	STAT	4	AVG	Number of control intervals	8
CISIZE	BINARY	STAT	4	AVG	Control interval size	7
CURBUFFWAIT	BINARY	STAT	4	AVG	Number of current buffer waits	21
CURBUFVALDA	BINARY	STAT	4	AVG	Number of current buffers with valid data	22
CURCONBUFAC	BINARY	STAT	4	AVG	Number of current concurrent buffer accesses	20
CURCONSTRAC	BINARY	STAT	4	AVG	Number of current concurrent string accesses	23
CURSTRWAITS	BINARY	STAT	4	AVG	Number of current string waits	24
FMTWRITE	BINARY	STAT	4	AVG	Number of formatting writes	13
IOERRS	BINARY	STAT	4	AVG	Number of I/O errors	14
NOSPACECNT	BINARY	STAT	4	AVG	Number of times NOSPACE occurred	10
NUMCTRLINTV	BINARY	STAT	4	AVG	Number of control intervals in use	25
PEAKBWAIT	BINARY	STAT	4	AVG	Peak number of intrapartition buffer waits	6

Table 830. TDQGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
PEAKCACCESS	BINARY	STAT	4	AVG	Peak number of concurrent intrapartition accesses	4
PEAKCIUSE	BINARY	STAT	4	AVG	Peak number of control intervals used	9
PEAKQACTV	BINARY	STAT	4	AVG	Peak number of queues that contain data	2
PEAKSTRACC	BINARY	STAT	4	AVG	Peak number of concurrent string accesses	17
PEAKSTRWAIT	BINARY	STAT	4	AVG	Peak number of string waits	19
READS	BINARY	STAT	4	AVG	Number of data set reads	12
STRACCESS	BINARY	STAT	4	AVG	Number of times string accessed	16
STRINGS	BINARY	STAT	4	AVG	Number of strings	15
STRNGWAITS	BINARY	STAT	4	AVG	Number of string waits	18
WRITES	BINARY	STAT	4	AVG	Number of writes to data set	11

TDQINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6156

Table 831. Valid CPSM operations

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

Table 832. TDQINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 833. TDQINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
TDQGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
TDQNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	TDQ definition name	6
TDQVER-3	BINARY	CPSM	1	Yes	AVG	Yes	TDQ definition version	7

TERMDEF Resource Table

A CICS Definition that describes a terminal device with which CICS is to communicate.

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

The following actions are supported:

INSTALL

Install a Terminal Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length

616

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type
CICS Definition

Copybook identifier
EYUt3812

Table 834. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO)	No
		MODE(value)	No
		NOTIFY(NOINACTIVEIRELEASEIFULL)	No
		OVERRIDE	No
		OVERTYPE(TARGETIRELATEDIBOTHINONE)	No
		RELATED(value)	No
		STATECHK(YESINO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 835. TERMDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify

Table 835. TERMDEF FEEDBACK error codes (continued)

41	INV_OVERTYPE	Invalid oertype	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 836. TERMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ALTPRINTCOPY	EYUDA	CPSM	4	Yes	LIKE	No	Hardware COPY feature for alternate printer	NO			10
ALTPRINTCOPY Input/output valid values	YES, NO										
ALTPRINTER	CHAR	CPSM	4	No	DIFF	No	Alternate printer name				9
ASSOCPRNTR	CHAR	CPSM	4	No	DIFF	No	Associated printer				58
ASYNCBPS	CHAR	CPSM	8	No	DIFF	No	OS/2 asynchronous line speed (bits per second)			EALL	78
ASYNCBPS Input/output valid values	110, 150, 300, 600, 1200, 1800, 2400, 3600, 4800, 9600, 19200										
ASYNCPORT	EYUDA	CPSM	4	No	LIKE	No	3151 asynchronous port (OS/2)			EALL	77
ASYNCPORT Input/output valid values	COM1, COM2, COM3, COM4, COM5, COM6, COM7, COM8										
ATI	EYUDA	CPSM	4	No	LIKE	No	Automatic transaction initialization allowed	NO		EALL	68
ATI Input/output valid values	YES, NO										
ATTACHSEC	EYUDA	CPSM	4	Yes	LIKE	No	Level of attach-time security	LOCAL			11

Table 836. TERMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ATTACHSEC Input/output valid values	LOCAL, IDENTIFY, VERIFY, PERSISTENT, MIXIDPE										
AUTOCONNECT	EYUDA	CPSM	4	No	LIKE	No	Autoconnect to occur for terminal	NO		EALL	69
AUTOCONNECT Input/output valid values	YES, NO, ALL										
AUTOINSMODEL	EYUDA	CPSM	4	Yes	LIKE	No	Model for autoinstall option	NO			12
AUTOINSMODEL Input/output valid values	YES, NO, ONLY										
AUTOINSNAME	CHAR	CPSM	8	No	DIFF	No	Name of autoinstall model definition				13
BINDPASSWORD	HIDCHAR	CPSM	16	No	DIFF	No	Bind password				28
BINDSECURITY	EYUDA	CPSM	4	Yes	LIKE	No	Bind-time security	NO			14
BINDSECURITY Input/output valid values	YES, NO										
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CODEPAGE	CHAR	CPSM	8	No	DIFF	No	Code page		1-65534	EALL	76
COLOR	EYUDA	CPSM	4	No	LIKE	No	Extended color feature	NO		EALL	71
COLOR Input/output valid values	YES, NO										
CONSNAME	CHAR	CPSM	8	No	DIFF	No	Console name				16
CONSOLE	CHAR	CPSM	4	No	DIFF	No	Console ID		0-250	E640P116S	116S
CONSOLE Input/output valid values	NO										
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				59
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	67	0-99999999		86
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				63

Table 836. TERMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
FULLSCREEN	EYUDA	CPSM	4	No	LIKE	No	Window style (OS/2)			EALL	75
FULLSCREEN Input/output valid values	PMWINDOW, FULLSCREEN										
GCHARCODE	CHAR	CPSM	8	No	DIFF	No	Graphic character set code	0	0-65535	EALL	70
HIGHLITE	EYUDA	CPSM	4	No	LIKE	No	Extended highlight supported	NO		EALL	72
HIGHLITE Input/output valid values	YES, NO										
INSERVICE	EYUDA	CPSM	4	Yes	LIKE	No	Terminal inservice	YES			32
INSERVICE Input/output valid values	YES, NO										
KATAKANA	EYUDA	CPSM	4	No	LIKE	No	Katakana feature supported	NO		EALL	73
KATAKANA Input/output valid values	YES, NO										
MODENAME	CHAR	CPSM	8	No	DIFF	No	Logmode name				17
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
NATLANG	CHAR	CPSM	1	No	DIFF	No	Language for NLS-enabled messages				46
NETNAME	CHAR	CPSM	8	No	DIFF	No	VTAM network name				18
OPERID	CHAR	CPSM	3	No	DIFF	No	Operator identifier for BMS			E330P	47S
OPERPRIORITY	CHAR	CPSM	4	No	DIFF	No	Operator priority	0	0-255	E330P	33S
OPERRSL	CHAR	CPSM	50	No	DIFF	No	Operator resource security keys			E330P	64S
OPERSEC	CHAR	CPSM	150	No	DIFF	No	Operator transaction security keys			E330P	65S
OS2TERMTYP	EYUDA	CPSM	4	No	LIKE	No	Terminal type (OS/2)			EALL	83

Table 836. TERMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
OS2TERMTYP Input/output valid values	3270TERM, 3270PRNT, 3151TERM, 3270DBTM, 3270DBPR, SEQTERM										
POOL	CHAR	CPSM	8	No	DIFF	No	Pool name for pipeline terminal				19
PRINCLSMODE	EYUDA	CPSM	4	No	LIKE	No	Printer close mode			EALL	84
PRINCLSMODE Input/output valid values	EOF, EOT										
PRINTEDMSG	EYUDA	CPSM	4	No	LIKE	No	Send messages to printer	NO		EALL	56
PRINTEDMSG Input/output valid values	YES, NO										
PRINTER	CHAR	CPSM	4	No	DIFF	No	Printer name				20
PRINTERCOPY	EYUDA	CPSM	4	Yes	LIKE	No	Hardware copy feature	NO			31
PRINTERCOPY Input/output valid values	YES, NO										
PRINTIMMED	EYUDA	CPSM	4	No	LIKE	No	Send end of report indicator	NO		EALL	57
PRINTIMMED Input/output valid values	YES, NO										
REMOTENAME	CHAR	CPSM	8	No	DIFF	No	Terminal name in the remote system				23
REMOTESYSNET	CHAR	CPSM	8	No	DIFF	No	Remote system network name				22
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	No	Remote system name				21
SCRHIGH	CHAR	CPSM	4	No	DIFF	No	Screen height	24	1-66	EALL	80
SCRWIDTH	CHAR	CPSM	4	No	DIFF	No	Screen width	80	1-132	EALL	81
SECURITYNAME	CHAR	CPSM	8	No	DIFF	No	Security name of the remote system				24

Table 836. TERMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
SOLICITED	EYUDA	CPSM	4	No	LIKE	No	Solicited messages	NO		EALL	85
SOLICITED Input/output valid values	NO, YES										
SPOOLDEST	CHAR	CPSM	8	No	DIFF	No	Spool destination			EALL	54
SPOOLPRTRSL	CHAR	CPSM	8	No	DIFF	No	Spool print resource security level (RSL)	PUBLIC	1-24	EALL	52
SPOOLPRTRSL Input/output valid values	PUBLIC										
SPOOLPRTTO	CHAR	CPSM	4	No	DIFF	No	Spool printer inactive time allowed	0	0-59	EALL	53
SPOOLTO	CHAR	CPSM	8	No	DIFF	No	Default spool printer name			EALL	55
TASKLIMIT	CHAR	CPSM	8	No	DIFF	No	Concurrent task limit for pipeline session		1-32767		29
TASKLIMIT Input/output valid values	NO										
TERMPRIORITY	CHAR	CPSM	4	No	DIFF	No	Terminal priority	0	0-255		30
TRANSACTION	CHAR	CPSM	4	No	DIFF	No	Fixed transaction ID				25
TYPETERM	CHAR	CPSM	8	Yes	DIFF	No	Typeterm definition name				26
UPCASETR	EYUDA	CPSM	4	No	LIKE	No	Upper case translation			EALL	82
UPCASETR Input/output valid values	YES, NO, TRANID										
USEDFTUSER	EYUDA	CPSM	4	No	LIKE	No	Use default user	N_A			67
USEDFTUSER Input/output valid values	NO, YES, N_A										

Table 836. TERMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
USERAREALEN	CHAR	CPSM	4	No	DIFF	No	Length of the user area for the terminal	0	0-255	EALL	74
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				60
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				61
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				62
USERID	CHAR	CPSM	8	No	DIFF	No	User ID				27
WSSETUP	CHAR	CPSM	8	No	DIFF	No	Workstation setup (OS/2)			EALL	79

TERMNL Resource Table

A CICS Resource that describes a terminal in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

ACQUIRE

Acquire a terminal.

CANCEL

Cancel AID queuing for a terminal.

DISCARD

Discard a terminal.

FORCEPURGE

Force transactions associated with a terminal to be purged immediately.

INSERVICE

Set a terminal in service.

KILL

Kill the transactions associated with the terminal.

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

OUTSERVICE

Set a terminal out of service.

PURGE

Purge transactions associated with a terminal.

RELEASE

Release a terminal.

These actions require no unique parameter data.

External resource name

Length

456

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0019

Table 837. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	ACQUIRE	None	N/A
	INSERVICE	None	N/A
	OUTSERVICE	None	N/A
	PURGE	None	N/A
	FORCEPURGE	None	N/A
	CANCEL	None	N/A
	RELEASE	None	N/A
	KILL	None	N/A

Table 838. TERMNL FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	ACTNOT_SUPPORTED	Action not supported			

Table 839. TERMNL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ACCESSMETHOD	CVDAS	INQ	4	LIKE	No	Access method		5
ACCESSMETHOD Output valid values	VTAM, BSAM, BTAMES, BGAM, TCAM, TCAMSNA, CONSOLE, NETBIOS, TCPIP, RPC, NOTAPPLIC							
ACQSTATUS	CVDAS	INQ	4	LIKE	Yes	Acquire status		2

Table 839. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
ACQSTATUS Input/output valid values	ACQUIRED, RELEASED, NOTAPPLIC							
ACQSTATUS Input valid values	COLDACQ							
ACQSTATUS Output valid values	ACQUIRING, RELEASING							
ALTPAGEHT	BINARY	INQ	2	AVG	No	Alternate page height		48
ALTPAGEWD	BINARY	INQ	2	AVG	No	Alternate page width		49
ALTPRINTER	CHAR	INQ	4	DIFF	Yes	Alternate printer		50
ALTPRTCOPYST	CVDAS	INQ	4	LIKE	Yes	Hardware COPY feature for alternate printer		51
ALTPRTCOPYST Input/output valid values	ALTPRTCOPY, NOALTPRTCOPY							
ALTPRTCOPYST Output valid values	NOTAPPLIC							
ALTSCRNHT	BINARY	INQ	2	AVG	No	Alternate screen height		52
ALTSCRNWD	BINARY	INQ	2	AVG	No	Alternate screen width		53
ALTSUFFIX	CHAR	INQ	1	DIFF	No	Alternate-map-set suffix		92
APLKYBDST	CVDAS	INQ	4	LIKE	No	APL keyboard feature		54
APLKYBDST Output valid values	APLKYBD, NOAPLKYBD							
APLTEXTST	CVDAS	INQ	4	LIKE	No	APL text feature		55
APLTEXTST Output valid values	APLTEXT, NOAPLTEXT							
ASCII	CVDAS	INQ	4	LIKE	No	ASCII data stream type		95
ASCII Output valid values	ASCII7, ASCII8, NOTAPPLIC							
ATISTATUS	CVDAS	INQ	4	LIKE	Yes	Automatic transaction initiation (ATI) status		3
ATISTATUS Input/output valid values	ATI, NOATI							
AUDALARMST	CVDAS	INQ	4	LIKE	No	Audible alarm feature		56
AUDALARMST Output valid values	AUDALARM, NOAUDALARM							
AUTOCONNECT	CVDAS	INQ	4	LIKE	No	Session binding status		96
AUTOCONNECT Output valid values	AUTOCONN, NONAUTOCONN, ALLCONN, NOTAPPLIC							
BACKTRANSST	CVDAS	INQ	4	LIKE	No	Background transparency feature		57
BACKTRANSST Output valid values	BACKTRANS, NOBACKTRANS							
COLORST	CVDAS	INQ	4	LIKE	No	Extended color feature		58
COLORST Output valid values	COLOR, NOCOLOR							
CONSOLE	CHAR	INQ	12	DIFF	No	Console ID		105
COPYST	CVDAS	INQ	4	LIKE	No	Copy feature in control unit		59
COPYST Output valid values	COPY, NOCOPY							

Table 839. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
CORRELID	CHAR	INQ	8	DIFF	No	Correlation ID		102
CREATESESS	CVDAS	INQ	4	LIKE	Yes	Session creation status		4
CREATESESS Input/output valid values	CREATE, NOCREATE							
CREATESESS Output valid values	NOTAPPLIC							
DATASTREAM	CVDAS	INQ	4	LIKE	No	Device data stream type		97
DATASTREAM Output valid values	DS3270, SCS, NOTAPPLIC							
DEFPAGEHT	BINARY	INQ	2	AVG	No	Default page height		60
DEFPAGEWD	BINARY	INQ	2	AVG	No	Default page width		61
DEFSCRNHT	BINARY	INQ	2	AVG	No	Default screen height		62
DEFSCRNWD	BINARY	INQ	2	AVG	No	Default screen width		63
DEVICE	CVDAT	INQ	4	LIKE	No	Device type		7
DEVICE Output valid values	BATCHLU, BIPROG, BISYNCH, CDRDLPRT, CONTNLU, HARDCOPY, INTACTLU, ISCOMMCONV, 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							
DEVICEST	CVDAS	INQ	4	LIKE	No	Device busy status	E330P	98S
DEVICEST Output valid values	BUSY, NOTBUSY							
DISCREQST	CVDAS	INQ	4	LIKE	Yes	Disconnect Requests status		64
DISCREQST Input/output valid values	DISCREQ, NODISCREQ							
DUALCASEST	CVDAS	INQ	4	LIKE	No	Dual-case keyboard status		65
DUALCASEST Output valid values	DUALCASE, NODUALCASE							
EXITTRACING	CVDAS	INQ	4	LIKE	Yes	Exit tracing status		8
EXITTRACING Input/output valid values	EXITTRACE, NOEXITTRACE							
EXITTRACING Output valid values	NOTAPPLIC							
EXTENDEDSSST	CVDAS	INQ	4	LIKE	No	Extended data stream support		66
EXTENDEDSSST Output valid values	EXTENDEDSS, NOEXTENDEDSS							
FMHPARMST	CVDAS	INQ	4	LIKE	No	Function management header (FMH) option		67
FMHPARMST Output valid values	FMHPARM, NOFMHPARM							
FORMFEEDST	CVDAS	INQ	4	LIKE	No	Forms feed feature		68
FORMFEEDST Output valid values	FORMFEED, NOFORMFEED							
GCHARS	BINARY	INQ	2	AVG	No	Graphic character set global ID		9
GCODES	BINARY	INQ	2	AVG	No	Code page global ID		10
HFORMST	CVDAS	INQ	4	LIKE	No	Horizontal form feature		70

Table 839. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
HFORMST Output valid values	HFORM, NOHFORM							
HIGHLIGHTST	CVDAS	INQ	4	LIKE	No	Extended highlight feature		69
HIGHLIGHTST Output valid values	HILIGHT, NOHILIGHT							
INPMSCCNT	BINARY	STAT	4	AVG	No	Number of input messages		37
KATAKANAST	CVDAS	INQ	4	LIKE	No	Katakana terminal		71
KATAKANAST Output valid values	KATAKANA, NOKATAKANA							
LIGHTPENST	CVDAS	INQ	4	LIKE	No	Selector pen feature		72
LIGHTPENST Output valid values	LIGHTPEN, NOLIGHTPEN							
LINKSYSTEM	CHAR	INQ	4	DIFF	No	Real link connection for remote TOR		104
MAPNAME	CHAR	INQ	7	DIFF	Yes	Last map referenced in SEND MAP command		100
MAPSETNAME	CHAR	INQ	8	DIFF	Yes	Last map set referenced in SEND MAP command		99
MODENAME	CHAR	INQ	8	DIFF	No	Mode name		11
MSRCONTROLST	CVDAS	INQ	4	LIKE	No	Magnetic slot reader		73
MSRCONTROLST Output valid values	MSRCONTROL, NOMSRCONTROL							
NATLANG	CHAR	INQ	1	AVG	No	National language ID		13
NATURE	CVDAT	INQ	4	LIKE	No	Terminal definition type		12
NATURE Output valid values	TERMINAL, MODEL, SESSION, SURROGATE							
NETNAME	CHAR	INQ	8	DIFF	No	Network name		14
NEXTTRANSID	CHAR	INQ	4	DIFF	Yes	Next transaction ID		31
NQNAME	CHAR	INQ	17	DIFF	No	Network qualified name		106
OBFORMATST	CVDAS	INQ	4	LIKE	Yes	Outboard formatting support		74
OBFORMATST Input/output valid values	OBFORMAT, NOOBFORMAT							
OOPERIDST	CVDAS	INQ	4	LIKE	No	Outboard operator IDs used		75
OOPERIDST Output valid values	OOPERID, NOOOPERID							
OPERID	CHAR	INQ	3	DIFF	No	Operator ID		15
OUTLINEST	CVDAS	INQ	4	LIKE	No	Field outlining support		76
OUTLINEST Output valid values	OUTLINE, NOOUTLINE							
OUTMSCCNT	BINARY	STAT	4	AVG	No	Number of output messages		38
PAGEHT	BINARY	INQ	4	AVG	No	Current page height		77
PAGESTATUS	CVDAS	INQ	4	LIKE	Yes	BMS paging status		16
PAGESTATUS Input/output valid values	PAGEABLE, AUTOPAGEABLE							
PAGEWD	BINARY	INQ	4	AVG	No	Current page width		78
PARTITIONSST	CVDAS	INQ	4	LIKE	No	Partitions status		79
PARTITIONSST Output valid values	PARTITIONS, NOPARTITIONS							

Table 839. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
PMSGCNT	BINARY	STAT	4	AVG	No	Total pipeline-throwaway count		43
PMSGCONSEC	BINARY	STAT	2	AVG	No	Maximum pipeline-throwaway count		45
PMSGGRPCNT	BINARY	STAT	4	AVG	No	Number of consecutive pipeline-throwaways		44
POLLCNT	DECIMAL	STAT	4	AVG	No	Number of polls sent to terminal		36
PRINTADAPTST	CVDAS	INQ	4	LIKE	No	Printer adaptor feature		80
PRINTADAPTST Output valid values	PRINTADAPT, NOPRINTADAPT							
PRINTER	CHAR	INQ	4	DIFF	Yes	Printer name		81
PROGSYMBOLST	CVDAS	INQ	4	LIKE	No	Programmed symbol facility support		82
PROGSYMBOLST Output valid values	PROGSYMBOL, NOPROGSYMBOL							
PRTCOPYST	CVDAS	INQ	4	LIKE	Yes	Hardware COPY feature for preferred printer		83
PRTCOPYST Input/output valid values	PRTCOPY, NOPRTCOPY							
QUERYST	CVDAS	INQ	4	LIKE	No	Query option		84
QUERYST Output valid values	ALLQUERY, COLDQUERY, NOQUERY							
RELREQST	CVDAS	INQ	4	LIKE	Yes	Release Request status		85
RELREQST Input/output valid values	RELREQ, NORELREQ							
REMTENAME	CHAR	INQ	4	DIFF	No	Name of terminal in remote CICS		34
REMOTESYSNET	CHAR	INQ	8	DIFF	No	Remote TOR net name		103
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name		35
SCREENHEIGHT	BINARY	INQ	2	AVG	No	Screen height		17
SCREENWIDTH	BINARY	INQ	2	AVG	No	Screen width		18
SECURITY	CVDAS	INQ	4	LIKE	No	Preset security status		6
SECURITY Output valid values	PRESETSEC, NOPRESETSEC							
SERVSTATUS	CVDAS	INQ	4	LIKE	Yes	Service status		19
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE							
SERVSTATUS Output valid values	GOINGOUT							
SESSIONTYPE	CVDAS	INQ	4	LIKE	No	Session type		32
SESSIONTYPE Output valid values	LU61, APPCSINGLE, APPCPARALLEL, NOTAPPLIC							
SIGNONSTATUS	CVDAS	INQ	4	LIKE	No	Sign-on status		20
SIGNONSTATUS Output valid values	SIGNEDON, SIGNEDOFF							
SOSIST	CVDAS	INQ	4	LIKE	No	Mixed EBCDIC/DBCS support		86
SOSIST Output valid values	SOSI, NOSOSI							
STGVCNT	BINARY	STAT	4	AVG	No	Number of storage violations		40

Table 839. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
STORAGE	BINARY	STAT	4	AVG	No	Terminal input-output area (TIOA) storage		94
TASKID	BINARY	INQ	4	AVG	No	Id of task currently executing at terminal		21
TCAMCONTROL	BIT	INQ	1	LIKE	Yes	TCAM message control flag		47
TERMINID-1	CHAR	INQ	4	DIFF	Yes	Terminal ID		1
TERMMODEL	CNUMERIC	INQ	2	AVG	No	Terminal model number		27
TERMPRIORITY	BINARY	INQ	4	AVG	Yes	Terminal priority		22
TERMTYPE	BINARY	STAT	1	AVG	No	Terminal type		46
TERRCNT	BINARY	STAT	4	AVG	No	Number of transaction errors		42
TEXTKYBDST	CVDAS	INQ	4	LIKE	No	Text-keyboard feature		87
TEXTKYBDST Output valid values	TEXTKYBD, NOTEXTKYBD							
TEXTPRINTST	CVDAS	INQ	4	LIKE	No	Text-print feature		88
TEXTPRINTST Output valid values	TEXTPRINT, NOTEXTPRINT							
TRACING	CVDAS	INQ	4	LIKE	Yes	Terminal tracing type		23
TRACING Input/output valid values	SPECTRACE, STANTRACE							
TRANCNT	BINARY	STAT	4	AVG	No	Number of transactions		39
TRANSACTION	CHAR	INQ	4	DIFF	No	Current transaction name		24
TTISTATUS	CVDAS	INQ	4	LIKE	Yes	Terminal transaction initiation (TTI) status		25
TTISTATUS Input/output valid values	TTI, NOTTI							
UCTRANST	CVDAS	INQ	4	LIKE	Yes	Uppercase translate option support		89
UCTRANST Input/output valid values	UCTRAN, NOUCTRAN, TRANIDONLY							
USERAREA	ADDRESS	INQ	4	AVG	No	Terminal user area (TCTUA) address		26
USERAREALEN	BINARY	INQ	2	AVG	No	Terminal user area (TCTUA) length		28
USERID	CHAR	INQ	8	DIFF	No	User ID		29
USERNAME	CHAR	INQ	20	DIFF	No	User name		33
VALIDATIONST	CVDAS	INQ	4	LIKE	No	Extended validation feature		90
VALIDATIONST Output valid values	VALIDATION, NOVALIDATION							
VFORMST	CVDAS	INQ	4	LIKE	No	Vertical form feature		91
VFORMST Output valid values	VFORM, NOVFORM							
XERRCNT	BINARY	STAT	4	AVG	No	Number of transmission errors		41
ZCPTRACING	CVDAS	INQ	4	LIKE	Yes	ZCP tracing status		30
ZCPTRACING Input/output valid values	ZCPTRACE, NOZCPTRACE							
ZCPTRACING Output valid values	NOTAPPLIC							

TRANCLAS Resource Table

A CICS Resource that describes a transaction class in an active CICS system being managed by CICSplex SM.

The TRANCLAS resource class can be used to request object instances that were identified as TCLASS objects in versions of CICS prior to 4.1.

The following action is supported:

DISCARD

Discard a transaction class.

This action requires no unique parameter data.

External resource name

Length

104

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0051

Table 840. Valid CPSM operations

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

Table 841. TRANCLAS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid			

Table 842. TRANCLAS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	

Table 842. TRANCLAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ACCEPTAFTRQD	BINARY	STAT	4	AVG	No	Number of transactions accepted after being queued	10
ACCEPTIMMED	BINARY	STAT	4	AVG	No	Number of transactions accepted immediately	9
ACTIVE	BINARY	INQ	4	AVG	No	Number of transactions currently active in class	3
ACTIVEPEAK	BINARY	STAT	4	AVG	No	Peak number of active transactions	13
ATTACHES	BINARY	STAT	4	AVG	No	Total number of attach requests	6
CURQUEEDTIME	INTTSTP	STAT	8	MAX	No	Total time transactions currently queued	18
INSTALLDEFS	BINARY	STAT	4	AVG	No	Number of transaction definitions installed	12
MAXACTIVE	BINARY	INQ	4	AVG	Yes	Maximum number of transactions allowed in class	2
NAME-1	CHAR	INQ	8	DIFF	Yes	Transaction class name	1
PURGEIMMED	BINARY	STAT	4	AVG	No	Number of transactions purged due to threshold	7
PURGETHRESH	BINARY	INQ	4	AVG	Yes	Purge threshold	5
PURGEWHILEQD	BINARY	STAT	4	AVG	No	Number of transactions purged while queued	11
PURGTHRTIMES	BINARY	STAT	4	AVG	No	Number of times purge threshold met	16
QUEUED	BINARY	INQ	4	AVG	No	Number of transactions currently queued	4
QUEUEDPEAK	BINARY	STAT	4	AVG	No	Peak number of queued transactions	14
QUEUETIME	INTTSTP	STAT	8	MAX	No	Total time transactions queued	17
TIMESATMAX	BINARY	STAT	4	AVG	No	Times maximum active transactions reached	15
TOTQUEDCNT	BINARY	STAT	4	AVG	No	Total number of transactions queued	8

TRANDEF Resource Table

A CICS Definition that describes how a transaction is to run.

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

The following actions are supported:

INSTALL

Install a Transaction Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length

552

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3813

Table 843. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO)	No
		MODE(DYNAMISTAT)	No
		NOTIFY(NOIIINACTIVEIRELEASEIFULL)	No
		OVERRIDE	No
		OVERTYPE(TARGETIRELATEDIBOTHINONE)	No
		RELATED(value)	No
		STATECHK(YESINO)	No
		TARGET(value)	Yes
		USAGE(LOCALIREMOTE)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 844. TRANDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope

Table 844. TRANDEF FEEDBACK error codes (continued)

35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid overtype	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 845. TRANDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ALIAS	CHAR	CPSM	4	No	DIFF	No	Alias name for transaction				9
BREXIT	CHAR	CPSM	8	No	DIFF	No	Bridge exit name				61
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CMDSEC	EYUDA	CPSM	4	Yes	LIKE	No	Command level security option	NO			16
CMDSEC Input/output valid values	YES, NO										
CONFDATA	EYUDA	CPSM	4	No	LIKE	No	Suppress user data in trace entries	NO			55
CONFDATA Input/output valid values	YES, NO										
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				56
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		65
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				60

Table 845. TRANDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
DTIMOUT	CHAR	CPSM	4	No	DIFF	No	Deadlock timeout value	NO	1-6800		41
DTIMOUT Input/output valid values	NO										
DUMP	EYUDA	CPSM	4	Yes	LIKE	No	Transaction dump option	YES			37
DUMP Input/output valid values	YES, NO										
DYNAMIC	EYUDA	CPSM	4	Yes	LIKE	No	Dynamic routing option	NO			38
DYNAMIC Input/output valid values	YES, NO										
EXTSEC	EYUDA	CPSM	4	No	LIKE	No	External security manager option	N_A		E330P	50S
EXTSEC Input/output valid values	YES, NO, N_A										
FAILACTION	CVDAS	CPSM	4	No	LIKE	No	CICS failure action	BACKOUT			14
FAILACTION Input/output valid values	BACKOUT, COMMIT										
INDOUBT	CVDAS	CPSM	4	No	LIKE	No	In-doubt failure processing action	BACKOUT		E510P	10S
INDOUBT Input/output valid values	BACKOUT, COMMIT, WAIT										
ISOLATE	EYUDA	CPSM	4	Yes	LIKE	No	Transaction isolation option	YES			36
ISOLATE Input/output valid values	YES, NO										
LOCALQ	EYUDA	CPSM	4	No	LIKE	No	Queueing on local system	N_A			22
LOCALQ Input/output valid values	YES, NO, N_A										
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
OTSTIMEOUT	CHAR	CPSM	6	Yes	DIFF	No	Object transaction service (OTS) timeout (HHMMSS)	NO			64

Table 845. TRANDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
PARTITIONSET	CHAR	CPSM	8	No	DIFF	No	Default application partition set				34
PRIMEDSIZE	CHAR	CPSM	8	No	DIFF	No	Primed storage allocation	0	0-65520	E330P49S	49S
PRIORITY	CHAR	CPSM	4	No	DIFF	No	Transaction priority		0-255		39
PROFILE	CHAR	CPSM	8	No	DIFF	No	Transaction profile	DFHCICST			13
PROGRAM	CHAR	CPSM	8	No	DIFF	No	First program name				10
REMOTENAME	CHAR	CPSM	8	No	DIFF	No	Remote transaction name				11
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	No	Remote system name				12
RESSEC	EYUDA	CPSM	4	Yes	LIKE	No	Resource security checking	NO			23
RESSEC Input/output valid values	YES, NO										
RESTART	EYUDA	CPSM	4	Yes	LIKE	No	Transaction restart facility	NO			25
RESTART Input/output valid values	YES, NO										
ROUTABLE	EYUDA	CPSM	4	Yes	LIKE	No	Dynamic routing status	NO			63
ROUTABLE Input/output valid values	YES, NO										
RSL	CHAR	CPSM	8	No	DIFF	No	Resource security value	0	0-24	E330P54S	54S
RSL Input/output valid values	PUBLIC										
RSLC	EYUDA	CPSM	4	No	LIKE	No	Resource security level check	NO		E330P53S	53S
RSLC Input/output valid values	YES, NO										
RUNAWAY	CHAR	CPSM	8	No	DIFF	No	Runaway timeout value	SYSTEM	0-2700000		40
RUNAWAY Input/output valid values	SYSTEM										

Table 845. TRANDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
SECURE	EYUDA	CPSM	4	No	LIKE	No	Operator sign-on required	YES		EALL	51
SECURE Input/output valid values	YES, NO										
SHUTDOWN	CVDAS	CPSM	4	Yes	LIKE	No	Shutdown run status	DISABLED			17
SHUTDOWN Input/output valid values	ENABLED, DISABLED										
SPURGE	EYUDA	CPSM	4	Yes	LIKE	No	System purgeable option	NO			26
SPURGE Input/output valid values	YES, NO										
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Enabled status	ENABLED			18
STATUS Input/output valid values	ENABLED, DISABLED										
STORAGECLEAR	EYUDA	CPSM	4	Yes	LIKE	No	Storage clearance status	NO			24
STORAGECLEAR Input/output valid values	YES, NO										
TASKDATAKEY	CVDAS	CPSM	4	Yes	LIKE	No	Task data key	USER			19
TASKDATAKEY Input/output valid values	USER, CICS										
TASKDATALOC	CVDAS	CPSM	4	Yes	LIKE	No	Task data location	BELOW			20
TASKDATALOC Input/output valid values	BELOW, ANY										
TASKREQ	CHAR	CPSM	4	No	LIKE	No	Transaction initiation				21
TCLASS	CHAR	CPSM	4	No	DIFF	No	Transaction class number	NO	1-10	E410P32S	32S
TCLASS Input/output valid values	NO										
TPNAME	CHAR	CPSM	64	No	DIFF	No	APPC partner transaction name				46

Table 845. TRANDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
TPURGE	EYUDA	CPSM	4	Yes	LIKE	No	Purgeable for terminal error option	NO			27
TPURGE Input/output valid values	YES, NO										
TRACE	EYUDA	CPSM	4	Yes	LIKE	No	Trace transaction activity option	YES			29
TRACE Input/output valid values	YES, NO										
TRANCLASS	CHAR	CPSM	8	No	DIFF	No	Transaction class name	DFHTCL00			31
TRANSEC	CHAR	CPSM	4	No	DIFF	No	Transaction security value		1-64	E330P48S	32
TRPROF	CHAR	CPSM	8	No	DIFF	No	Transaction routing profile	DFHCICSS			30
TWASIZE	CHAR	CPSM	8	No	DIFF	No	Size in bytes of transaction work area (TWA)	0	0-32767		33
USEALTSCRSIZ	EYUDA	CPSM	4	No	LIKE	No	Use alternate screen size	NO		EALL	52
USEALTSCRSIZ Input/output valid values	YES, NO										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				57
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				58
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				59
WAIT	EYUDA	CPSM	4	Yes	LIKE	No	In-doubt wait option	YES			28
WAIT Input/output valid values	YES, NO										
WAITTIMEDD	CHAR	CPSM	3	No	DIFF	No	In-doubt wait time (days)	0	0-93		42

Table 845. TRANDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
WAITTIMEHH	CHAR	CPSM	2	No	DIFF	No	In-doubt wait time (hours)	0	0-23		43
WAITTIMEMM	CHAR	CPSM	2	No	DIFF	No	In-doubt wait time (minutes)	0	0-59		44
XTPNAME	CHAR	CPSM	128	No	DIFF	No	Alternate partner transaction name (in hex)				47
XTRANID	CHAR	CPSM	8	No	DIFF	No	Alternate name (in hex) for initiating transaction				35

TRANDUMP Resource Table

A CICS Resource that describes a transaction dump code in an active CICS system being managed by CICSPlex SM.

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

The following actions are supported:

ADD Add a transaction dump code.

The parameter data for the ADD action is:

```
PARM('CODE(code) [SCOPE(cvda1)] [MAX(nnn)]
      [SHUT(cvda2)] [SDUMP(cvda3)] [TDUMP(cvda4)].')
```

where:

- *code* is required and must be the 1- to 8-character transaction dump code.
- *cvda1* is one of the following valid CVDA values for the dump scope option:
 - LOCAL
 - RELATED
- *nnn* is the maximum number of dumps, from 0 - 999.
- *cvda2* is one of the following valid CVDA values for the shutdown option:
 - SHUTDOWN
 - NOSHUTDOWN
- *cvda3* is one of the following valid CVDA values for the system dump option:
 - SYSDUMP
 - NOSYSDUMP
- *cvda4* is one of the following valid CVDA values for the transaction dump option:
 - TRANDUMP
 - NOTRANDUMP

DELETE

Remove a transaction dump code.

RESET

Reset transaction dump code values.

External resource name**Length**

64

Usage API or EVALDEF**API view**

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0005

Table 846. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADD	CODE(value)	Yes
		MAX(value)	Yes
		SCOPE(LOCALIRELATED)	No
		SDUMP(SYSDUMPINOSYSDUMP)	No
		SHUT(SHUTDOWNINOSHUTDOWN)	No
		TDUMP(TRANDUMPINOTRANDUMP)	No
	RESET	None	N/A
	DELETE	None	N/A

Table 847. TRANDUMP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CURRENT	BINARY	INQ	4	AVG	No	Number of dump calls since last reset	2
MAXIMUM	BINARY	INQ	4	AVG	Yes	Maximum number of dump calls	3
SDMPSUPP	BINARY	STAT	4	AVG	No	Number of system dumps suppressed	10
SDMPTOTL	BINARY	STAT	4	AVG	No	Number of system dumps taken	9
SHUTOPTION	CVDAS	INQ	4	LIKE	Yes	Shutdown option	4
SHUTOPTION Input/output valid values	SHUTDOWN, NOSHUTDOWN						

Table 847. TRANDUMP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SYSDUMPING	CVDAS	INQ	4	LIKE	Yes	System dump option	5
SYSDUMPING Input/output valid values	SYSDUMP, NOSYSDUMP						
TDMPSPUP	BINARY	STAT	4	AVG	No	Number of transaction dumps suppressed	8
TDMPTOTL	BINARY	STAT	4	AVG	No	Number of transaction dumps taken	7
TDUMPSCOPE	CVDAS	INQ	4	LIKE	Yes	Transaction dump scope type	11
TDUMPSCOPE Input/output valid values	LOCAL, RELATED						
TRANDUMPCODE-1	CHAR	INQ	4	DIFF	Yes	Transaction dump code	1
TRANDUMPING	CVDAS	INQ	4	LIKE	Yes	Transaction dump option	6
TRANDUMPING Input/output valid values	TRANDUMP, NOTRANDUMP						

TRANGRP Resource Table

A CPSM Workload Manager Definition that describes the separation and or affinity controls for a set of dynamic transactions. The TRANGRP object is also the binding target for the DTRINGRP associator object.

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

External resource name

Length

112

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt3509

Table 848. Valid CPSM operations

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

Table 848. Valid CPSM operations (continued)

PERFORM SET	ADDTRAN	PCONV(N_AISTARTIEND) TRANID(value)	No Yes
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Table 849. TRANGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Trangrp does not exist	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	21	ABEND_COMBINATION	Abend load must be less than abend probability

Table 850. TRANGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ABENDCRIT	BINARY	CPSM	1	Yes	AVG	No	Acceptable level of abend probability	0	2-99	12
ABENDTHRESH	BINARY	CPSM	1	Yes	AVG	No	Acceptable abend load threshold	0	1-98	13
ABENDTHRESH Input/output valid values	0									
AFFAUTO	EYUDA	CPSM	4	No	LIKE	No	Automatic affinity creation	N_A		15
AFFAUTO Input/output valid values	YES, NO, N_A									
AFFINITY	EYUDA	CPSM	4	No	LIKE	No	Affinity relationship			6
AFFINITY Input/output valid values	N_A, GLOBAL, LUNAME, USERID, BAPPL									
AFFLIFE	EYUDA	CPSM	4	No	LIKE	No	Affinity lifetime			7
AFFLIFE Input/output valid values	N_A, LOGON, PCONV, PERMANENT, SIGNON, SYSTEM, DELIMIT, ACTIVITY, PROCESS									
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
DESC	CHAR	CPSM	58	No	DIFF	No	Description			10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	16
EVENTNAME	CHAR	CPSM	8	No	DIFF	No	RTA event			11
MATCH	EYUDA	CPSM	4	Yes	LIKE	No	Primary search criterion			8
MATCH Input/output valid values	LUNAME, USERID									

Table 850. TRANGRP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			5
STATE	EYUDA	CPSM	4	Yes	LIKE	No	Affinity relation and lifetime checking			9
STATE Input/output valid values	ACTIVE, DORMANT									

TRMINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6157

Table 851. Valid CPSM operations

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

Table 852. TRMINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type

Table 852. TRMINGRP FEEDBACK error codes (continued)

7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 853. TRMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
TERMGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
TERMNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	Terminal definition name	6
TERMVER-3	BINARY	CPSM	1	Yes	AVG	Yes	Terminal definition version	7

TRNCLDEF Resource Table

A CICS Definition that describes the operational characteristics for transactions belonging to a given class.

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

The following actions are supported:

INSTALL

Install a Transaction Class Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length

128

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3814

Table 854. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 854. Valid CPSM operations (continued)

GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES/NO)	No
		MODE(value)	No
		NOTIFY(NO/INACTIVE/RELEASE/IFULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET/RELATED/BOTH/NONE)	No
		RELATED(value)	No
		STATECHK(YES/NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 855. TRNCLDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid oertype	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute

Table 855. TRNCLDEF FEEDBACK error codes (continued)

47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED_SYSTEM	More than one related system
53	MISSING_RELATED_SYSTEM_IDENTIFIER	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 856. TRNCLDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			10
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15	5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	15
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			14
MAXACTIVE	CHAR	CPSM	4	Yes	DIFF	No	Maximum number of active transactions allowed in class	0	0-999	8
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
PURGETHRESH	CHAR	CPSM	8	No	DIFF	No	Purge threshold	NO	1-1000000	9
PURGETHRESH Input/output valid values	NO									
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1			11
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2			12
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3			13

TRNINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Definition

Copybook identifier
EYUt6158

Table 857. Valid CPSM operations

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

Table 858. TRNINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 859. TRNINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
TRANGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
TRANNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	Transaction definition name	6
TRANVER-3	BINARY	CPSM	1	Yes	AVG	Yes	Transaction definition version	7

TSKSPOLS Resource Table

A CICS Resource that describes all the CICS task storage subpools in an active system being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

External resource name

Length
256

Usage API or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0147

Table 860. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 861. TSKSPOLS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
DSAELEMPCTC	PERCENT3	CPSM	4	AVG	CDSA percentage of DSA used by elements	39
DSAELEMPCTEC	PERCENT3	CPSM	4	AVG	ECDSA percentage of DSA used by elements	42
DSAELEMPCTEU	PERCENT3	CPSM	4	AVG	EUDSA percentage of DSA used by elements	52
DSAELEMPCTU	PERCENT3	CPSM	4	AVG	UDSA percentage of DSA used by elements	49
DSAPAGPPCTC	PERCENT3	CPSM	4	AVG	CDSA peak percentage of page pool use	41
DSAPAGPPCTEC	PERCENT3	CPSM	4	AVG	ECDSA peak percentage of page pool use	46
DSAPAGPPCTEU	PERCENT3	CPSM	4	AVG	EUDSA peak percentage of page pool use	56
DSAPAGPPCTU	PERCENT3	CPSM	4	AVG	UDSA peak percentage of page pool use	51
FREEMAINRTC	RATE3	CPSM	8	AVG	CDSA FREEMAIN rate since last reset	38
FREEMAINRTEC	RATE3	CPSM	8	AVG	ECDSA FREEMAIN rate since last reset	44
FREEMAINRTEU	RATE3	CPSM	8	AVG	EUDSA FREEMAIN rate since last reset	54
FREEMAINRTU	RATE3	CPSM	8	AVG	UDSA FREEMAIN rate since last reset	48
GETMAINRTC	RATE3	CPSM	8	AVG	CDSA GETMAIN rate since last reset	37
GETMAINRTEC	RATE3	CPSM	8	AVG	ECDSA GETMAIN rate since last reset	43
GETMAINRTEU	RATE3	CPSM	8	AVG	EUDSA GETMAIN rate since last reset	53
GETMAINRTU	RATE3	CPSM	8	AVG	UDSA GETMAIN rate since last reset	47
PAGEPLPCTC	PERCENT3	CPSM	4	AVG	CDSA current percentage of page pool use	40
PAGEPLPCTEC	PERCENT3	CPSM	4	AVG	ECDSA current percentage of page pool use	45

Table 861. TSKSPOLS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
PAGEPLPCTEU	PERCENT3	CPSM	4	AVG	EUDSA current percentage of page pool use	55
PAGEPLPCTU	PERCENT3	CPSM	4	AVG	UCDSA current percentage of page pool use	50
SMTACCESSC	EYUDA	STAT	4	LIKE	CDSA subpool access type	6
SMTACCESSC Output valid values	CICS, USER					
SMTACCESSEC	EYUDA	STAT	4	LIKE	ECDSA subpool access type	14
SMTACCESSEC Output valid values	CICS, USER					
SMTACCESSEU	EYUDA	STAT	4	LIKE	EUDSA subpool access type	30
SMTACCESSEU Output valid values	CICS, USER					
SMTACCESSU	EYUDA	STAT	4	LIKE	UDSA subpool access type	22
SMTACCESSU Output valid values	CICS, USER					
SMTCESCDSA	BINARY	STAT	4	AVG	CDSA sum of all element lengths	9
SMTCESECDSA	BINARY	STAT	4	AVG	ECDSA sum of all element lengths	17
SMTCESEUDSA	BINARY	STAT	4	AVG	EUDSA sum of all element lengths	33
SMTCESUDSA	BINARY	STAT	4	AVG	UDSA sum of all element lengths	25
SMTCNECDSA	BINARY	STAT	4	AVG	CDSA current number of elements	11
SMTCNEECDSA	BINARY	STAT	4	AVG	ECDSA current number of elements	19
SMTCNEEUDSA	BINARY	STAT	4	AVG	EUDSA current number of elements	35
SMTCNEUDSA	BINARY	STAT	4	AVG	UDSA current number of elements	27
SMTCPSCDSA	BINARY	STAT	4	AVG	CDSA current page storage	10
SMTCPSECDSA	BINARY	STAT	4	AVG	ECDSA current page storage	18
SMTCPSEUDSA	BINARY	STAT	4	AVG	EUDSA current page storage	34
SMTCPSUDSA	BINARY	STAT	4	AVG	UDSA current page storage	26
SMTFMREQCDSA	BINARY	STAT	4	AVG	CDSA number of FREEMAIN requests	8
SMTFMREQEC	BINARY	STAT	4	AVG	ECDSA number of FREEMAIN requests	16
SMTFMREQEU	BINARY	STAT	4	AVG	EUDSA number of FREEMAIN requests	32
SMTFMREQUDSA	BINARY	STAT	4	AVG	UDSA number of FREEMAIN requests	24
SMTGMREQCDSA	BINARY	STAT	4	AVG	CDSA number of GETMAIN requests	7
SMTGMREQEC	BINARY	STAT	4	AVG	ECDSA number of GETMAIN requests	15
SMTGMREQEU	BINARY	STAT	4	AVG	EUDSA number of GETMAIN requests	31
SMTGMREQUDSA	BINARY	STAT	4	AVG	UDSA number of GETMAIN requests	23
SMTHWMPSCDSA	BINARY	STAT	4	AVG	CDSA peak page storage	12
SMTHWMPSEC	BINARY	STAT	4	AVG	ECDSA peak page storage	20
SMTHWMPSEU	BINARY	STAT	4	AVG	EUDSA peak page storage	36
SMTHWMPSUDSA	BINARY	STAT	4	AVG	UDSA peak page storage	28
SMTLOCNCDSA	EYUDA	STAT	4	LIKE	CDSA location above/below 16MB line	5
SMTLOCNCDSA Output valid values	ABOVE, BELOW					
SMTLOCNECDSA	EYUDA	STAT	4	LIKE	ECDSA location above/below 16MB line	13
SMTLOCNECDSA Output valid values	ABOVE, BELOW					
SMTLOCNEUDSA	EYUDA	STAT	4	LIKE	EUDSA location above/below 16MB line	29

Table 861. TSKSPOLS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
SMTLOCNEUDSA Output valid values	ABOVE, BELOW					
SMTLOCNUDSA	EYUDA	STAT	4	LIKE	UDSA location above/below 16MB line	21
SMTLOCNUDSA Output valid values	ABOVE, BELOW					

TSKSPool Resource Table

A CICS Resource that describes CICS task storage subpools in an active system being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

External resource name

Length

88

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0119

Table 862. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 863. TSKSPool resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
DSAELEMPCT	PERCENT3	CPSM	4	AVG	No	Percentage of DSA used by elements	17
DSAPAGPPCT	PERCENT3	CPSM	4	AVG	No	Peak percentage of DSA page use	19
FREEMAINRTE	RATE3	CPSM	8	AVG	No	FREEMAIN rate since last reset	16
GETMAINRTE	RATE3	CPSM	8	AVG	No	GETMAIN rate since last reset	15

Table 863. TSKSPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
PAGEPAGEPCT	PERCENT3	CPSM	4	AVG	No	Percentage of page pools used	18
SMTACCESS	EYUDA	STAT	4	LIKE	No	Subpool access type	7
SMTACCESS Output valid values	CICS, USER						
SMTCES	BINARY	STAT	4	AVG	No	Sum of all element lengths	10
SMTCNE	BINARY	STAT	4	AVG	No	Current number of elements	12
SMTCPSP	BINARY	STAT	4	AVG	No	Current page storage	11
SMTDSANAME-1	CHAR	STAT	8	DIFF	Yes	Name of dynamic storage area (DSA)	5
SMTFMREQ	BINARY	STAT	4	AVG	No	Number of FREEMAIN requests	9
SMTGMREQ	BINARY	STAT	4	AVG	No	Number of GETMAIN requests	8
SMTHWMPS	BINARY	STAT	4	AVG	No	Peak page storage	13
SMTLOCN	EYUDA	STAT	4	LIKE	No	Location of task subpool above/below 16MB	6
SMTLOCN Output valid values	ABOVE, BELOW						

TSMDEF Resource Table

A CICS Definition that describes a temporary storage model.

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

The following actions are supported:

INSTALL

Install a Temporary Storage Model Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length

240

Usage

API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3821

Table 864. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES/NO)	No
		MODE(value)	No
		NOTIFY(NO/INACTIVE/RELEASE/IFULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET/RELATED/BOTH/NONE)	No
		RELATED(value)	No
		STATECHK(YES/NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 865. TSMDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid oertype	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator

Table 865. TSMDEF FEEDBACK error codes (continued)

45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYS	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 866. TSMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			16
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15	5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	23
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			20
LOCATION	CVDAS	CPSM	4	Yes	LIKE	No	Queue location	AUXILIARY		10
LOCATION Input/output valid values	MAIN, AUXILIARY									
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
POOLNAME	CHAR	CPSM	8	No	DIFF	No	Shared TS pool name			13
PREFIX	CHAR	CPSM	16	Yes	DIFF	No	TS queue prefix			9
RECOVERY	EYUDA	CPSM	4	Yes	LIKE	No	Recovery option	NO		11
RECOVERY Input/output valid values	YES, NO									
REMOTEPREFIX	CHAR	CPSM	16	No	DIFF	No	Remote TS queue prefix			15
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	No	Remote system ID			14
SECURITY	EYUDA	CPSM	4	Yes	LIKE	No	Security option	NO		12
SECURITY Input/output valid values	YES, NO									
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1			17
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2			18
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3			19

Table 866. TSMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
XPREFIX	CHAR	CPSM	32	No	DIFF	No	Hexadecimal TS queue prefix			21
XREMOTEPFX	CHAR	CPSM	32	No	DIFF	No	Hexadecimal remote TS queue prefix			22

TSMINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6166

Table 867. Valid CPSM operations

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

Table 868. TSMINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type

Table 868. TSMINGRP FEEDBACK error codes (continued)

7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 869. TSMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
TSMGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
TSMNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	TS model definition name	6
TSMVER-3	BINARY	CPSM	1	Yes	AVG	Yes	TS model definition version	7

TSMODEL Resource Table

A CICS Resource that describes a temporary storage model in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

DISCARD

Discard a temporary storage model.

The DISCARD action requires no unique parameter data.

External resource name

Length

112

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYU0092

Table 870. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 870. Valid CPSM operations (continued)

GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 871. TSMODEL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
LOCATION	CVDAS	INQ	4	LIKE	No	Queue location	AUXILIARY	3
LOCATION Output valid values	AUXILIARY, MAIN							
NAME-1	CHAR	INQ	8	DIFF	Yes	TS model name		1
POOLNAME	CHAR	INQ	8	DIFF	No	Shared TS pool name		6
PREFIX	CHAR	INQ	16	DIFF	No	TS queue prefix		2
RECOVSTATUS	CVDAS	INQ	4	LIKE	No	Recovery status	NO	4
RECOVSTATUS Output valid values	RECOVERABLE, NOTRECOVERABLE							
REMOTEPREFIX	CHAR	INQ	16	DIFF	No	Remote TS queue prefix		8
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system ID		7
RSVRD1	CHAR	CPSM	30	DIFF	No	Reserved area		9
SECURITYST	CVDAS	INQ	4	LIKE	No	Security status	NO	5
SECURITYST Output valid values	EXTSECURITY, NOSECURITY							

TSPool Resource Table

A CICS Resource that describes a temporary storage pool in an active CICS system being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type
CICS Resource

Copybook identifier
EYUt0094

Table 872. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 873. TSPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CONNSTATUS	CVDAS	CPSM	4	LIKE	No	Connection status	2
CONNSTATUS Output valid values	CONNECTED, UNCONNECTED						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Temporary storage pool name	1

TSQGBL Resource Table

A CICS Resource that describes the general characteristics of temporary storage usage in an active CICS system being managed by CICSplex SM .

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

There are no object specific actions for this resource class.

External resource name

Length

176

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0030

Table 874. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 875. TSQGBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
AUXFULL	BINARY	STAT	4	AVG	Number of times auxiliary storage exhausted		15
BUFFERS	BINARY	STAT	2	AVG	Number of temporary storage buffers		16
BUFFWAITS	BINARY	STAT	4	AVG	Total number of buffer waits		18
BUFREADS	BINARY	STAT	4	AVG	Number of buffer reads		22
BUFWRITES	BINARY	STAT	4	AVG	Number of buffer writes		20
BYTESPERCI	BINARY	STAT	4	AVG	Number of bytes available in control interval		34
BYTESPERSEG	BINARY	STAT	4	AVG	Number of bytes per segment		36
CINUM	BINARY	STAT	4	AVG	Number of control intervals available		13
CISINUSE	BINARY	STAT	4	AVG	Number of control intervals in use		31
CISIZE	BINARY	STAT	4	AVG	Control interval size		11
COMPRESSIONS	BINARY	STAT	4	AVG	Number of temporary storage compressions		30
CURRSTG	BINARY	STAT	4	AVG	Current storage in use (bytes)		4
CURRUWBFR	BINARY	STAT	4	AVG	Number of current users waiting on buffers		27
CURRUWSTR	BINARY	STAT	4	AVG	Number of current users waiting on strings		26
ENTLGQUE	BINARY	STAT	4	AVG	Number of entries in longest queue		8
EXTTHRESHOLD	BINARY	STAT	2	AVG	Queue extension threshold	E510P	30S
FMTWRT	BINARY	STAT	4	AVG	Number of format writes		23
GETQAUX	BINARY	STAT	4	AVG	Number of records obtained from auxiliary TS		6
GETQMAIN	BINARY	STAT	4	AVG	Number of records obtained from main TS		2
IOERRS	BINARY	STAT	4	AVG	Number of I/O errors on data set		28
LONGAUXREC	BINARY	STAT	4	AVG	Longest auxiliary record length		33
NAMESINUSE	BINARY	STAT	4	AVG	Number of temporary storage names in use		32
PEAKCIUSE	BINARY	STAT	4	AVG	Peak number of control intervals used		14
PEAKQUES	BINARY	STAT	4	AVG	Peak number of queue names in use		7
PEAKSTG	BINARY	STAT	4	AVG	Peak storage in use (bytes)		3
PEAKUSDSTR	BINARY	STAT	4	AVG	Peak number of strings in use		24
PEAKUWBUF	BINARY	STAT	4	AVG	Peak number of users waiting on buffers		19
PEAKUWSTR	BINARY	STAT	4	AVG	Peak number of users waiting on strings		25
PUTQAUX	BINARY	STAT	4	AVG	Number of records written to auxiliary TS		5
PUTQMAIN	BINARY	STAT	4	AVG	Number of records written to main TS		1
QUECRECNT	BINARY	STAT	4	AVG	Number of times queues created		9
QUEXTENDS	BINARY	STAT	4	AVG	Number of times queue extensions created	E510P	10S
SEGSPERCI	BINARY	STAT	4	AVG	Number of segments available in control interval		35
SHRDPOOLCONN	BINARY	STAT	4	AVG	Number of shared pools connected to		40
SHRDPOOLDEF	BINARY	STAT	4	AVG	Number of shared pools defined		39
SHRDREADREQ	BINARY	STAT	4	AVG	Number of shared read requests		41
SHRDWRITEREQ	BINARY	STAT	4	AVG	Number of shared write requests		42

Table 875. TSQGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
STRINGS	BINARY	STAT	2	AVG	Number of temporary storage strings		17
STRINGWAIT	BINARY	STAT	4	AVG	Number of times string wait occurred		29
WRTFRECVR	BINARY	STAT	4	AVG	Number of buffer writes forced by recovery		21
WRTGTCISZ	BINARY	STAT	4	AVG	Number of records with length greater than CISIZE		12

TSQNAME Resource Table

A CICS Resource that describes a temporary storage queue in an active CICS system being managed by CICSplex SM.

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

The following action is supported:

DELETE

Delete a temporary storage queue

The parameter data for the DELETE action is:

PARM('LASTUSEDINT(interval).')

where:

interval = (Optional) Last used interval.

External resource name

Length

64

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0107

Table 876. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DELETE	LASTUSEDINT(value)	No

Table 877. TSQNAME resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
LASTUSEDINT	BINARY	INQ	4	AVG	No	Interval since queue last used (seconds)	8
LOCATION	CVDAS	INQ	4	LIKE	No	Queue location	2
LOCATION Output valid values	AUXILIARY, MAIN						
MAXITEMLEN	CNUMERIC	INQ	2	AVG	No	Largest item length (bytes)	4
MINITEMLEN	CNUMERIC	INQ	2	AVG	No	Smallest item length (bytes)	5
NAME-1	CHAR	INQ	16	DIFF	Yes	Queue name	1
NUMITEMS	BINARY	INQ	2	AVG	No	Number of items in queue	6
QUELENGTH	CNUMERIC	INQ	4	AVG	No	Total queue length (bytes)	3
RECOVSTATUS	CVDAS	INQ	4	LIKE	No	Recovery status	10
RECOVSTATUS Output valid values	RECOVERABLE, NOTRECOVERABLE						
TRANSID	CHAR	INQ	4	DIFF	No	Transaction that created TS queue	9

TSQSHR Resource Table

A CICS Resource that describes a temporary storage queue in a pool in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

DELETE

Delete a temporary storage queue in pool.

The parameter data for the DELETE action is:

```
PARM('LASTUSEDINT(interval).')
```

where:

```
interval = (Optional) Last used interval.
```

External resource name

Length

72

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type
CICS Resource

Copybook identifier
EYUt0100

Table 878. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DELETE	LASTUSEDINT(value)	No

Table 879. TSQSHR resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
LASTUSEDINT	BINARY	INQ	4	AVG	No	Interval since queue last used (seconds)	9
LOCATION	CVDAS	INQ	4	LIKE	No	Queue location	3
LOCATION Output valid values	AUXILIARY, MAIN						
MAXITEMLEN	BINARY	INQ	2	AVG	No	Largest item length (bytes)	5
MINITEMLEN	BINARY	INQ	2	AVG	No	Smallest item length (bytes)	6
NAME-1	CHAR	INQ	16	DIFF	Yes	Queue name	1
NUMITEMS	BINARY	INQ	2	AVG	No	Number of items in queue	7
POOLNAME-2	CHAR	INQ	8	DIFF	Yes	Temporary storage pool name	2
QUELENGTH	BINARY	INQ	4	AVG	No	Total queue length (bytes)	4
RECOVSTATUS	CVDAS	INQ	4	LIKE	No	Recovery status	11
RECOVSTATUS Output valid values	RECOVERABLE, NOTRECOVERABLE						
TRANSID	CHAR	INQ	4	DIFF	No	Transaction that created TS queue	10

TSQUEUE Resource Table

A CICS Resource that describes a temporary storage queue in an active CICS system being managed by CICSplex SM.

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

The TSQUEUE resource class only returns objects instances if the target CICS system is running at CICS/ESA 3.3 or later.

The following actions are supported:

DELETE

Delete a temporary storage queue in pool.

The parameter data for the DELETE action is:

```
PARM('LASTUSEDINT(interval).')
```

where:

interval = (Optional) Last used interval.

External resource name

Length

56

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0040

Table 880. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DELETE	LASTUSEDINT(value)	No

Table 881. TSQUEUE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
LASTUSEDINT	BINARY	INQ	4	AVG	No	Interval since queue last used (seconds)	8
LOCATION	CVDAS	INQ	4	LIKE	No	Queue location	2
LOCATION Output valid values	AUXILIARY, MAIN						
MAXITEMLEN	CNUMERIC	INQ	2	AVG	No	Largest queue item length (bytes)	4
MINITEMLEN	CNUMERIC	INQ	2	AVG	No	Smallest queue item length (bytes)	5
NAME-1	CHAR	INQ	8	DIFF	Yes	Queue name	1
NUMITEMS	BINARY	INQ	2	AVG	No	Number of items in queue	6
QUELENGTH	CNUMERIC	INQ	4	AVG	No	Queue length (bytes)	3
RECOVSTATUS	CVDAS	INQ	4	LIKE	No	Recovery status	10
RECOVSTATUS Output valid values	RECOVERABLE, NOTRECOVERABLE						
TRANSID	CHAR	INQ	4	DIFF	No	Transaction that created TS queue	9

TYPINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6161

Table 882. Valid CPSM operations

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

Table 883. TYPINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 884. TYPINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
TYPTMGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
TYPTMNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	Typeterm definition name	6
TYPTMVER-3	BINARY	CPSM	1	Yes	AVG	Yes	Typeterm definition version	7

TYPTMDEF Resource Table

A CICS Definition that describes a typeterm, which encompasses attributes that are common to a group of terminals.

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

The following actions are supported:

INSTALL

Install a Typeterm Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

External resource name

Length

480

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3816

Table 885. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO)	No
		MODE(value)	No
		NOTIFY(NOIIINACTIVEIRELEASEIFULL)	No
		OVERRIDE	No

Table 885. Valid CPSM operations (continued)

	OVERTYPE(TARGETIRELATED) (NO/BOTH/NONE)
	RELATED(value) No
	STATECHK(YES/NO) No
	TARGET(value) Yes
	USAGE(LOCAL) Yes
ADDTOGRP	RESGROUP(value) Yes

Table 886. TYPTMDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid overtype	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 887. TYPTMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ALTPAGECOL	CHAR	CPSM	4	No	DIFF	No	Alternate BMS page size (number of columns)	0	0-999		8
ALTPAGEROW	CHAR	CPSM	4	No	DIFF	No	Alternate BMS page size (number of rows)	0	0-999		9
ALTSCREENCOL	CHAR	CPSM	4	No	DIFF	No	Alternate screen size (number of columns)	0	0-999		10
ALTSCREENROW	CHAR	CPSM	4	No	DIFF	No	Alternate screen size (number of rows)	0	0-999		11
ALTSUFFIX	CHAR	CPSM	1	No	DIFF	No	Map set name suffix				82
APLKYBD	EYUDA	CPSM	4	Yes	LIKE	No	APL keyboard feature	NO			12
APLKYBD Input/output valid values	YES, NO										
APLTEXT	EYUDA	CPSM	4	Yes	LIKE	No	APL text feature	NO			13
APLTEXT Input/output valid values	YES, NO										
ASCII	CHAR	CPSM	4	No	DIFF	No	ASCII feature	NO	7-8		14
ASCII Input/output valid values	NO										
ASYNCBPS	CHAR	CPSM	8	No	DIFF	No	Asynchronous line speed (OS/2)			EALL	80
ASYNCBPS Input/output valid values	0, 110, 150, 300, 600, 1200, 1800, 2400, 3600, 4800, 9600, 19200										
ASYNCPRT3151	CHAR	CPSM	4	No	DIFF	No	3151 asynchronous port name (OS/2)			EALL	79
ATI	EYUDA	CPSM	4	Yes	LIKE	No	Automatic transaction initiation option	NO			15

Table 887. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ATI Input/output valid values	YES, NO										
AUDIBLEALARM	EYUDA	CPSM	4	Yes	LIKE	No	Audible alarm feature	NO			16
AUDIBLEALARM Input/output valid values	YES, NO										
AUTOCONNECT	EYUDA	CPSM	4	Yes	LIKE	No	Autoconnect for terminal option	NO			17
AUTOCONNECT Input/output valid values	YES, NO, ALL										
AUTOPAGE	EYUDA	CPSM	4	Yes	LIKE	No	BMS autopaging option	NO			18
AUTOPAGE Input/output valid values	YES, NO										
BACKTRANS	EYUDA	CPSM	4	Yes	LIKE	No	Background transparency option	NO			19
BACKTRANS Input/output valid values	YES, NO										
BRACKET	EYUDA	CPSM	4	Yes	LIKE	No	Bracket protocol enforced	YES			20
BRACKET Input/output valid values	YES, NO										
BUILDCHAIN	EYUDA	CPSM	4	Yes	LIKE	No	CICS chain assembly performed	NO			21
BUILDCHAIN Input/output valid values	YES, NO										
CGCSGIDCODE	CHAR	CPSM	8	No	DIFF	No	Graphic character set global code	0	0-65535		22
CGCSGIDGBLID	CHAR	CPSM	8	No	DIFF	No	Graphic character set global ID	0	0-65535		23
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CODEPAGE	CHAR	CPSM	8	No	DIFF	No	Code page value		0-65534	EALL	78

Table 887. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
COLOR	EYUDA	CPSM	4	Yes	LIKE	No	Extended color feature	NO			24
COLOR Input/output valid values	YES, NO										
COPY	EYUDA	CPSM	4	Yes	LIKE	No	Copy feature	NO			25
COPY Input/output valid values	YES, NO										
CREATESESS	EYUDA	CPSM	4	Yes	LIKE	No	Sessions to be created	NO			26
CREATESESS Input/output valid values	YES, NO										
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				84
DEFSCREENCOL	CHAR	CPSM	4	No	DIFF	No	Default screen size (number of columns)	0	0-999		27
DEFSCREENROW	CHAR	CPSM	4	No	DIFF	No	Default screen size (number of rows)	0	0-999		28
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		91
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				88
DEVICE	CHAR	CPSM	8	Yes	DIFF	No	Device type				29
DISCREQ	EYUDA	CPSM	4	Yes	LIKE	No	Disconnect requests honored	YES			30
DISCREQ Input/output valid values	YES, NO										
DUALCASEKYBD	EYUDA	CPSM	4	Yes	LIKE	No	Dual case keyboard supported	NO			31
DUALCASEKYBD Input/output valid values	YES, NO										
ERRCOLOR	EYUDA	CPSM	4	Yes	LIKE	No	Color of error messages	NO			32
ERRCOLOR Input/output valid values	NO, BLUE, RED, PINK, GREEN, TURQUOISE, YELLOW, NEUTRAL										

Table 887. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ERRHILIGHT	EYUDA	CPSM	4	Yes	LIKE	No	Error messages highlighted	NO			33
ERRHILIGHT Input/output valid values	BLINK, REVERSE, UNDERLINE, NO										
ERRINTENSIFY	EYUDA	CPSM	4	Yes	LIKE	No	Error message display intensified	NO			34
ERRINTENSIFY Input/output valid values	YES, NO										
ERRLASTLINE	EYUDA	CPSM	4	Yes	LIKE	No	Display error messages on last line	NO			35
ERRLASTLINE Input/output valid values	YES, NO										
EXTENDEDDES	EYUDA	CPSM	4	Yes	LIKE	No	Extended 3270 data stream	NO			36
EXTENDEDDES Input/output valid values	YES, NO										
FMHPARM	EYUDA	CPSM	4	Yes	LIKE	No	Accept user-supplied data in function management header (FMH)	NO			37
FMHPARM Input/output valid values	YES, NO										
FORMFEED	EYUDA	CPSM	4	Yes	LIKE	No	Formfeed feature	NO			38
FORMFEED Input/output valid values	YES, NO										
FULLSCREEN	EYUDA	CPSM	4	Yes	LIKE	No	Full screen option (OS/2)	YES		EALL	77
FULLSCREEN Input/output valid values	YES, NO										
HILIGHT	EYUDA	CPSM	4	Yes	LIKE	No	Extended highlight supported	NO			39
HILIGHT Input/output valid values	YES, NO										

Table 887. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
HORIZFORM	EYUDA	CPSM	4	Yes	LIKE	No	BMS is to use horizontal tabbing	NO			40
HORIZFORM Input/output valid values	YES, NO										
IOAREALEN	CHAR	CPSM	8	No	DIFF	No	I/O buffer length	0	0-32767		41
IOAREALENALT	CHAR	CPSM	8	No	DIFF	No	Alternate I/O buffer length	0	0-32767		42
KATAKANA	EYUDA	CPSM	4	Yes	LIKE	No	Katakana feature	NO			43
KATAKANA Input/output valid values	YES, NO										
LDCLIST	CHAR	CPSM	8	No	DIFF	No	Name of logical device code list				44
LIGHTPEN	EYUDA	CPSM	4	Yes	LIKE	No	Selector pen feature	NO			45
LIGHTPEN Input/output valid values	YES, NO										
LOGMODE	CHAR	CPSM	8	No	DIFF	No	Logmode name				46
LOGONMSG	EYUDA	CPSM	4	Yes	LIKE	No	Good Morning transaction autoinitiation	NO			47
LOGONMSG Input/output valid values	YES, NO										
MSRCONTROL	EYUDA	CPSM	4	Yes	LIKE	No	Magnetic slot reader supported	NO			48
MSRCONTROL Input/output valid values	YES, NO										
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
NEPCLASS	CHAR	CPSM	4	No	DIFF	No	Node error program transaction class	0	0-255		49
OBFORMAT	EYUDA	CPSM	4	Yes	LIKE	No	Outboard formatting to be used	NO			50

Table 887. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
OBFORMAT Input/output valid values	YES, NO										
OOPERID	EYUDA	CPSM	4	Yes	LIKE	No	Outboard operator ID BMS routing	NO			51
OOPERID Input/output valid values	YES, NO										
OUTLINE	EYUDA	CPSM	4	Yes	LIKE	No	Device supports field outline	NO			52
OUTLINE Input/output valid values	YES, NO										
PAGESIZECOL	CHAR	CPSM	4	No	DIFF	No	Page size (number of columns)	0	0-999		53
PAGESIZEROW	CHAR	CPSM	4	No	DIFF	No	Page size (number of rows)	0	0-999		54
PARTITIONS	EYUDA	CPSM	4	Yes	LIKE	No	Device uses partitions	YES			55
PARTITIONS Input/output valid values	YES, NO										
PRINTADAPTER	EYUDA	CPSM	4	Yes	LIKE	No	Printer adapter feature	NO			56
PRINTADAPTER Input/output valid values	YES, NO										
PROGSYMBOLS	EYUDA	CPSM	4	Yes	LIKE	No	Program symbols can be used	NO			57
PROGSYMBOLS Input/output valid values	YES, NO										
QUERY	EYUDA	CPSM	4	Yes	LIKE	No	Query structured field to be used	NO			58
QUERY Input/output valid values	NO, COLD, ALL										
RECEIVESIZE	CHAR	CPSM	8	No	DIFF	No	Maximum size of request unit	256	0-30720		59

Table 887. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
RECOVNOTIFY	EYUDA	CPSM	4	Yes	LIKE	No	XRF recovery notification option	NONE			60
RECOVNOTIFY Input/output valid values	NONE, MESSAGE, TRANSACTION										
RECOVOPTION	EYUDA	CPSM	4	Yes	LIKE	No	Session recovery option	SYSDEFAULT			61
RECOVOPTION Input/output valid values	SYSDEFAULT, CLEARCONV, RELEASESESS, UNCONDREL, NONE										
RELREQ	EYUDA	CPSM	4	Yes	LIKE	No	Honor release requests	NO			62
RELREQ Input/output valid values	YES, NO										
ROUTEDMSGS	EYUDA	CPSM	4	Yes	LIKE	No	Messages routed to terminal support				63
ROUTEDMSGS Input/output valid values	ALL, NONE, SPECIFIC										
RSTSIGNOFF	EYUDA	CPSM	4	Yes	LIKE	No	Sign-on characteristics	NOFORCE			90
RSTSIGNOFF Input/output valid values	NOFORCE, FORCE										
SENDSIZE	CHAR	CPSM	8	No	DIFF	No	Maximum send size	0	0-30720		64
SESSIONTYPE	CHAR	CPSM	8	No	DIFF	No	Type of session				65
SHIPPABLE	EYUDA	CPSM	4	Yes	LIKE	No	Definition shipped to a remote system	NO			66
SHIPPABLE Input/output valid values	NO, YES										
SIGNOFF	EYUDA	CPSM	4	Yes	LIKE	No	Automatic timeout	YES			67
SIGNOFF Input/output valid values	YES, NO, LOGOFF										
SOSI	EYUDA	CPSM	4	Yes	LIKE	No	Mixed EBCDIC/DBCS supported	NO			68
SOSI Input/output valid values	YES, NO										

Table 887. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
TERMMODEL	CHAR	CPSM	4	No	DIFF	No	Terminal model number	1	1-2		83
TEXTKYBD	EYUDA	CPSM	4	Yes	LIKE	No	Text-keyboard feature	NO			69
TEXTKYBD Input/output valid values	YES, NO										
TEXTPRINT	EYUDA	CPSM	4	Yes	LIKE	No	Text-print feature	NO			70
TEXTPRINT Input/output valid values	YES, NO										
TTI	EYUDA	CPSM	4	Yes	LIKE	No	Transaction started via user	YES			71
TTI Input/output valid values	YES, NO										
UCTRAN	EYUDA	CPSM	4	Yes	LIKE	No	Input translated to upper case	NO			72
UCTRAN Input/output valid values	YES, NO, TRANID										
USERAREALEN	CHAR	CPSM	4	No	DIFF	No	User area length	0	0-255		76
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				85
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				86
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				87
VALIDATION	EYUDA	CPSM	4	Yes	LIKE	No	Device supports extended validation	NO			73
VALIDATION Input/output valid values	YES, NO										
VERTICALFORM	EYUDA	CPSM	4	Yes	LIKE	No	BMS to use vertical tabbing	NO			74
VERTICALFORM Input/output valid values	YES, NO										
WRKSTATIONSU	CHAR	CPSM	8	No	DIFF	No	Workstation setup (OS/2)			EALL	81

Table 887. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
XRFSIGNOFF	EYUDA	CPSM	4	No	LIKE	No	Replaced by RSTSIGNOFF. XRFSIGNOFF can be used in compatibility mode	NOFORCE		E620P	ZBS
XRFSIGNOFF Input/output valid values	NOFORCE, FORCE										

UOWDSNF Resource Table

A CICS Resource that describes a shunted unit of work due to a failed data set in an active system running the CICS TS for OS/390 and being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

External resource name

Length

104

Usage

API

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYU0084

Table 888. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 889. UOWDSNF resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	

Table 889. UOWDSNF resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CAUSE	CVDAS	INQ	4	LIKE	No	Failed component which caused this failure	3
CAUSE Output valid values	CACHE, RLSSERVER, CONNECTION, DATASET, UNDEFINED						
DSNAME-2	CHAR	INQ	44	DIFF	Yes	Data set name with retained locks	2
NETNAME	CHAR	INQ	8	DIFF	No	Netname of remote system where connection lost	7
REASON	CVDAS	INQ	4	LIKE	No	Specific reason for error	6
REASON Output valid values	RLSGONE, COMMITFAIL, IOERROR, FAILEDBKOUT, DATASETFULL, DEADLOCK, INDEXRECFULL, OPENERORR, DELEXITERROR, BACKUPNONBWO, NOTAPPLIC						
RLSACCESS	CVDAS	INQ	4	LIKE	No	Mode in which data set last opened	4
RLSACCESS Output valid values	RLS, NOTRLS						
SYSID	CHAR	INQ	4	DIFF	No	Name of remote system where connection lost	5
UOWID-1	HEX	INQ	16	MIN	Yes	Unit of work (UOW) ID	1

UOWENQ Resource Table

A CICS Resource that describes an enqueue held by a unit of work in an active system running the CICS TS for OS/390 and being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

External resource name

Length

608

Usage API

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0080

Table 890. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 891. UOWENQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ENQFAILS	BINARY	INQ	4	AVG	No	Number of enqueue failures since last acquire	7
ENQSCOPE	CHAR	INQ	4	DIFF	No	ENQ scope name	13
NETUOWID	HEX	INQ	27	MIN	No	Network-wide LU6.2 unit of work (UOW) id	12
QUALIFIER	CHAR	INQ	255	DIFF	No	Resource name qualifier	11
QUALLEN	BINARY	INQ	2	AVG	No	Length of resource qualifier (bytes)	8
RELATION	CVDAS	INQ	4	LIKE	No	Owner or task waiting	6
RELATION Output valid values	OWNER, WAITER						
RESLEN	BINARY	INQ	2	AVG	No	Length of resource name (bytes)	9
RESOURCE-2	CHAR	INQ	255	DIFF	Yes	Resource name	10
STATE	CVDAS	INQ	4	LIKE	No	Enqueue type	4
STATE Output valid values	ACTIVE, RETAINED						
TASKID	DECIMAL	INQ	4	AVG	No	Task number associated with UOW	3
TRANSID	CHAR	INQ	4	DIFF	No	Transaction ID associated with UOW	2
TYPE	CVDAS	INQ	4	LIKE	No	Resource type	5
TYPE Output valid values	DATASET, EXECENQ, EXECENQADDR						
UOWID-1	HEX	INQ	16	MIN	Yes	Unit of work (UOW) ID	1

UOWLINK Resource Table

A CICS Resource that describes a connection used by a unit of work in an active system running the CICS TS for OS/390 and being managed by CICSplex SM.

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

The following actions are supported:

DELETE

Delete the UOW link.

The DELETE action requires no unique parameter data.

External resource name

Length

456

Usage API

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0081

Table 892. Valid CPSM operations

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

Table 893. UOWLINK resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
HOST	CHAR	INQ	255	DIFF	No	TCP/IP host address		12
LINK-1	HEX	INQ	4	MIN	Yes	Link token		1
LINKNAME	CHAR	INQ	8	DIFF	No	Netname of remote system or global user exit name		3
NETUOWID	HEX	INQ	27	MIN	No	Network-wide LU 6.2 name of UOW		10
PROTOCOL	CVDAS	INQ	4	LIKE	No	Link protocol		9
PROTOCOL Output valid values	APPC, IRC, LU61, RRMS, IPIC, IIOF, NOTAPPLIC							
RESYNCSTATUS	CVDAS	INQ	4	LIKE	No	Resynchronization status		8
RESYNCSTATUS Output valid values	COLD, OK, STARTING, UNAVAILABLE, UNCONNECTED, NOTAPPLIC							
RMIQFY	CHAR	INQ	8	DIFF	No	Entry qualifier of task related user exit		6
ROLE	CVDAS	INQ	4	LIKE	No	Role of connection		7
ROLE Output valid values	COORDINATOR, SUBORDINATE, UNKNOWN							
RRMSURID	CHAR	CMF	32	DIFF	No	RRMS Unit of recoverable work ID		11
SYSID	CHAR	INQ	4	DIFF	No	Name of remote system		5
TYPE	CVDAS	INQ	4	LIKE	No	Resource type		4
TYPE Output valid values	CONNECTION, RMI, IIOF, CFTABLE, IPCONN							
UOWID	HEX	INQ	16	MIN	No	Unit of work (UOW) ID		2
XID	HEX	INQ	64	DIFF	No	Global transaction identifier	E640	13

UOW Resource Table

A CICS Resource that describes a unit of work in an active system running the CICS TS for OS/390 and being managed by CICSplex SM.

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

The following actions are supported for units of work that are shunted indoubt:

BACKOUT

Perform syncpoint backout processing.

COMMIT

Perform syncpoint commit processing.

FORCE

Force UOW to backout or commit.

These actions require no unique parameter data.

External resource name

Length

248

Usage API

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0079

Table 894. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	FORCE	None	N/A
	BACKOUT	None	N/A
	COMMIT	None	N/A

Table 895. UOW resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
AGE	BINARY	INQ	4	AVG	No	Time in current wait state (seconds)	5
LINK	CHAR	INQ	8	DIFF	No	Netname of remote system that caused wait	12
NETNAME	CHAR	INQ	8	DIFF	No	Netname of link causing UOW wait/shunt	6
NETUOWID	HEX	INQ	27	MIN	No	LU 6.2 network-wide name for UOW	13
OTSTID	CHAR	INQ	128	DIFF	No	Object transaction service (OTS) transaction ID	14

Table 895. UOW resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SYSID	CHAR	INQ	4	DIFF	No	System ID of connection that caused wait	7
TASKID	DECIMAL	INQ	4	AVG	No	Task originally associated with UOW	10
TERMID	CHAR	INQ	4	DIFF	No	Terminal from which this UOW was started	8
TRANSID	CHAR	INQ	4	DIFF	No	Transaction that started UOW	9
UOWID-1	HEX	INQ	16	MIN	Yes	Local unit of work (UOW) ID	1
UOWSTATE	CVDAS	INQ	4	LIKE	Yes	UOW status	2
UOWSTATE Input/output valid values	BACKOUT, COMMIT, FORCE						
UOWSTATE Output valid values	INDOUBT, INFLIGHT, HEURCOMMIT, HEURBACKOUT, FORCE						
USERID	CHAR	INQ	8	DIFF	No	User that started transaction	11
WAITCAUSE	CVDAS	INQ	4	LIKE	No	Cause of wait	4
WAITCAUSE Output valid values	CONNECTION, DATASET, WAITCOMMIT, WAITFORGET, RLSSERVER, WAITRMI, WAITRRMS						
WAITSTATE	CVDAS	INQ	4	LIKE	No	Wait status	3
WAITSTATE Output valid values	ACTIVE, SHUNTED, WAITING						

URIINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a universal resource identifier map definition (URIMPDEF) in a resource group (RESGROUP). A URIMPDEF can be a member of multiple RESGROUPS.

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

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6178

Table 896. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 896. Valid CPSM operations (continued)

GET	None	N/A
CREATE	None	N/A
REMOVE	None	N/A

Table 897. URIINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 898. URIINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
URIGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
URINAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	URIMAP definition name	6
URIVER-3	BINARY	CPSM	1	Yes	AVG	Yes	URIMAP definition version	7

URIMAP Resource Table

A CICS resource that describes the universal resource identifier (URI) of requests from web clients or requests to a remote server.

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

The following actions are supported:

ENABLE

Enable access to the URIMAP definition by programs.

DISABLE

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

DISCARD

Remove a URIMAP definition from the system.

External resource name

Length

1264

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0162

Table 899. Valid CPSM operations

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

Table 900. URIMAP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ANALYZERSTAT	CVDAS	INQ	4	LIKE	No	Use an analyzer program to process HTTP request	13
ANALYZERSTAT Output valid values	ANALYZER, NOANALYZER						
CERTIFICATE	CHAR	INQ	32	DIFF	No	SSL client certificate for outbound HTTPS request	20
CHARACTERSET	CHAR	INQ	40	DIFF	No	Character set of CICS response to the HTTP request	8
CIPHERS	CHAR	INQ	56	DIFF	No	SSL cipher suite codes	21
CONVERTER	CHAR	INQ	8	DIFF	No	Converter program to process request content	14
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Status	2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED, DISABLEDHOST						
HFSFILE	CHAR	INQ	255	DIFF	No	Qualified HFS file to form the static response	11
HOST	CHAR	INQ	116	DIFF	No	Host component of URI to which the map applies	5
HOSTCODEPAGE	CHAR	INQ	10	DIFF	No	Code page in which the static response is encoded	9
LOCATION	CHAR	INQ	255	DIFF	Yes	URI to which to redirect the inbound HTTP request	22
MAPREFCOUNT	BINARY	STAT	4	AVG	No	URI map reference count	24
MATCHDISABLD	BINARY	STAT	4	AVG	No	URI map host or path disabled	25
MATCHREDIREC	BINARY	STAT	4	AVG	No	URI map host or path redirect	26

Table 900. URIMAP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
MEDIATYPE	CHAR	INQ	56	DIFF	No	Media type of CICS response to the HTTP request	7
NAME-1	CHAR	INQ	8	DIFF	Yes	Name	1
NUMCIPHERS	BINARY	INQ	2	LIKE	No	Number of SSL cipher suite codes	27
PATH	CHAR	INQ	255	DIFF	No	Path component of URI to which the map applies	6
PIPELINE	CHAR	INQ	8	DIFF	No	Pipeline that will process the request	17
PROGRAM	CHAR	INQ	8	DIFF	No	Application program that will process the request	16
REDIRECTTYPE	CVDAS	INQ	4	LIKE	Yes	Type of redirection	29
REDIRECTTYPE Input/output valid values	NONE, TEMPORARY, PERMANENT						
SCHEME	CVDAS	INQ	4	LIKE	No	Scheme component of URI to which the map applies	4
SCHEME Output valid values	HTTP, HTTPS						
TCPIPSERVICE	CHAR	INQ	8	DIFF	No	Inbound TCP/IP service relating to this URI map	12
TEMPLATENAME	CHAR	INQ	48	DIFF	No	Document template to form the static response	10
TRANSACTION	CHAR	INQ	4	DIFF	No	Alias transaction to run application for response	15
USAGE	CVDAS	INQ	4	LIKE	No	URI map usage	3
USAGE Output valid values	SERVER, CLIENT, PIPELINE						
USERID	CHAR	INQ	8	DIFF	No	User ID to attach the alias transaction	19
WEBSERVICE	CHAR	INQ	32	DIFF	No	Web service that will process the request	18

URIMPDEF Resource Table

A CICS definition that describes the universal resource identifier (URI) of requests from web clients or requests to a remote server.

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

The following actions are supported:

INSTALL

Install a Connection Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

ADDTOGRP

Add to resource group

PARM(' [ERRQUEUE] RESGROUP(*value*) .')

Note: When creating this resource you should consider specifying the HOST attribute in lower case as CICS will convert this attribute name to lower case at install time. If you have not used a lower case name, you may subsequently have difficulty finding your host.

External resource name
Length
 1344
Usage API or Batch Utility
API view
 No
CMAS context
 No
SCOPE applies
 No
Only query CMASs in workload
 No
Object type
 CICS Definition
Copybook identifier
 EYUt3833

Table 901. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO)	No
		MODE(value)	No
		NOTIFY(NO INACTIVE RELEASE FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET RELATED BOTH NONE)	No
		RELATED(value)	No
		STATECHK(YESINO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 902. URIMPDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address

Table 902. URIMPDEF FEEDBACK error codes (continued)

23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST	End name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 903. URIMPDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ANALYZER	EYUDA	CPSM	4	No	LIKE	No	Use an analyzer program to process HTTP request	NO		26
ANALYZER Input/output valid values	NO, YES									
CERTIFICATE	CHAR	CPSM	32	No	DIFF	No	SSL client certificate for outbound HTTPS request			33
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHARACTERSET	CHAR	CPSM	40	No	DIFF	No	Character set of CICS response to the HTTP request			21

Table 903. URIMPDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CIPHERS	CHAR	CPSM	56	No	DIFF	No	Cipher suite codes to be used for outbound SSL			34
CONVERTER	CHAR	CPSM	8	No	DIFF	No	Converter program to process request content			27
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			9
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15	5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	38
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			13
HFSFILE	CHAR	CPSM	255	No	DIFF	No	Qualified HFS file to form the static response			24
HOST	CHAR	CPSM	116	Yes	DIFF	No	Host component of URI to which the map applies			18
HOSTCODEPAGE	CHAR	CPSM	10	No	DIFF	No	Code page in which the static response is encoded			22
LOCATION	CHAR	CPSM	255	No	DIFF	No	URI to which to redirect the inbound HTTP request			35
MEDIATYPE	CHAR	CPSM	56	No	DIFF	No	Media type of CICS response to the HTTP request			20
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
PATH	CHAR	CPSM	255	Yes	DIFF	No	Path component of URI to which the map applies			19
PIPELINE	CHAR	CPSM	8	No	DIFF	No	Pipeline that will process the request			30

Table 903. URIMPDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
PROGRAM	CHAR	CPSM	8	No	DIFF	No	Application program that will process the request			29
REDIRECTTYPE	CVDAS	CPSM	4	Yes	LIKE	No	Type of redirection	NONE		37
REDIRECTTYPE Input/output valid values	NONE, TEMPORARY, PERMANENT									
SCHEME	CVDAS	CPSM	4	Yes	LIKE	No	Scheme component of URI to which the map applies	HTTP		17
SCHEME Input/output valid values	HTTP, HTTPS									
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Enabled status	ENABLED		15
STATUS Input/output valid values	ENABLED, DISABLED									
TCIPSERVICE	CHAR	CPSM	8	No	DIFF	No	Inbound TCP/IP service relating to this URI map			25
TEMPLATENAME	CHAR	CPSM	48	No	DIFF	No	Document template to form the static response			23
TRANSACTION	CHAR	CPSM	4	No	DIFF	No	Alias transaction to run application for response			28
USAGE	CVDAS	CPSM	4	Yes	LIKE	No	URI map usage type	SERVER		16
USAGE Input/output valid values	SERVER, CLIENT, PIPELINE									
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1			10
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2			11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3			12
USERID	CHAR	CPSM	8	No	DIFF	No	The user ID to attach the alias transaction			32

Table 903. URIMPDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
WEBSERVICE	CHAR	CPSM	32	No	DIFF	No	Web service that will process the request			31

URIMPGBL Resource Table

A CICS resource, with no key, that describes the global statistics returned by CICS extract statistics for the URIMAP resource.

External resource name

Length

64

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0166

Table 904. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 905. URIMPGBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
DYNAMCONTENT	BINARY	STAT	4	SUM	URI map dynamic content	8
HOSTDISABLED	BINARY	STAT	4	SUM	Host disabled count	13
MAPREFCOUNT	BINARY	STAT	4	SUM	URI map reference count	1
MATCHANALYZE	BINARY	STAT	4	SUM	URI map host or path match analyzer	6
MATCHCOUNT	BINARY	STAT	4	SUM	URI map host or path match count	4
MATCHDISABLD	BINARY	STAT	4	SUM	URI map host or path disabled	2
MATCHREDIREC	BINARY	STAT	4	SUM	URI map host or path redirect	5
NOMATCHCOUNT	BINARY	STAT	4	SUM	URI map host or path no match count	3

Table 905. URIMPGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
PIPELINEREQS	BINARY	STAT	4	SUM	URI map pipeline requests	10
SCHEMEHTTP	BINARY	STAT	4	SUM	URI map SCHEME(HTTP) requests	11
SCHEMEHTTPS	BINARY	STAT	4	SUM	URI map SCHEME(HTTPS) requests	12
STATICCONTENT	BINARY	STAT	4	SUM	URI map static content	7

VOLUME Resource Table

A CICS Resource that describes a tape volume used by a tape journal in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

ADD Add a volume.

The parameter data for the ADD action is:

```
PARM('VOLSER(volser) JOURNAL(jrn1)
      [AVAILSTAT(cvda)].')
```

where:

volser = (Required) 6-character volume serial number

jrn1 = (Required) Journal number, from 1 - 99

cvda = Valid CVDA for the volume availability condition

REMOVE

Remove a volume.

External resource name

Length

64

Usage

EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0016

Table 906. Valid CPSM operations

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

Table 906. Valid CPSM operations (continued)

PERFORM SET	ADD	AVAILSTAT(NOWRITEIOK)	No
		JOURNAL(value)	Yes
		VOLSER(value)	Yes
REMOVE		None	N/A

Table 907. VOLUME resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
AVAILSTATUS	CVDAS	INQ	4	LIKE	Yes	Availability status	6
AVAILSTATUS Input/output valid values	OK, NOWRITE						
AVAILSTATUS Output valid values	FINPUT, FOUTPUT, FOPEN, FCLOSE						
DATE	CHAR	INQ	5	DIFF	No	Date when earliest data written	8
EMPTYSTATUS	CVDAS	INQ	4	LIKE	No	Empty status	3
EMPTYSTATUS Output valid values	EMPTY, NOTEMPTY						
JOURNALNUM	BINARY	INQ	2	AVG	Yes	Journal number	2
LONGDATE	CHAR	INQ	7	DIFF	No	Date with 4-digit year	9
OPENSTATUS	CVDAS	INQ	4	LIKE	No	Open status	5
OPENSTATUS Output valid values	OPEN, CLOSED, OPENING						
PART	BINARY	INQ	4	AVG	No	Sequence number in volume series	4
TIME	CHAR	INQ	6	DIFF	No	Time when earliest data written	7
VOLUME-1	CHAR	INQ	6	DIFF	Yes	Volume serial number	1

WEBINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6180

Table 908. Valid CPSM operations

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

Table 909. WEBINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 910. WEBINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
WEBGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
WEBNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	WebService definition name	6
WEBVER-3	BINARY	CPSM	1	Yes	AVG	Yes	WebService definition version	7

WEBSERV Resource Table

A CICS resource that defines aspects of the run-time environment for a CICS application program deployed in a Web services setting, where the mapping between application data structure and SOAP messages has been generated using CICS-supplied tools.

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

External resource name**Length**

1440

Usage API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0165

Table 911. Valid CPSM operations

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

Table 912. WEBSERV resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
BINDING	CHAR	INQ	255	DIFF	No	The WSDL binding that this web service represents			10
CCSID	BINARY	INQ	4	LIKE	No	Coded character set ID		E640	17
CONTAINER	CHAR	INQ	16	DIFF	No	Container used if the program input is CHANNEL			13
ENDPOINT	CHAR	INQ	255	DIFF	No	The endpoint URI of a remote web service			9
LASTMODTIME	DATETIME	INQ	8	MAX	No	Time the WSBIND file on HFS was last updated			14
MAPPINGLEVEL	CHAR	INQ	8	DIFF	No	Mapping level used in WSBIND file		E640	18
MAPPINGRNUM	BINARY	INQ	4	LIKE	No	Mapping release number part of MAPLEVEL		E640	20
MAPPINGVNUM	BINARY	INQ	4	LIKE	No	Mapping version number part of MAPLEVEL		E640	19
MINRUNLEVEL	CHAR	INQ	8	DIFF	No	Minimum runtime level required by WSBIND file		E640	21
MINRUNRNUM	BINARY	INQ	4	LIKE	No	Minimum runtime release number part of MINRUNLVL		E640	23
MINRUNVNUM	BINARY	INQ	4	LIKE	No	Minimum runtime version number part of MINRUNLVL		E640	22
NAME-1	CHAR	INQ	32	DIFF	Yes	Name			1

Table 912. WEBSERV resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
PGMINTERFACE	CVDAS	INQ	4	LIKE	No	Where the specified program expects input			12
PGMINTERFACE Output valid values	CHANNEL, COMMAREA, NOTAPPLIC								
PIPELINE	CHAR	INQ	8	DIFF	No	Pipeline in which this web service is installed			5
POLICYDIR	CHAR	CPSM	255	DIFF	No	Reserved area		E640	26
PROGRAM	CHAR	INQ	8	DIFF	No	Application program to implement this web service			8
STATE	CVDAS	INQ	4	LIKE	No	Web service status			15
STATE Output valid values	INITING, DISCARDING, INSERVICE, UNUSABLE								
URIMAP	CHAR	INQ	8	DIFF	No	Dynamically installed URI map for this web service			7
VALIDATIONST	CVDAS	INQ	4	LIKE	Yes	Perform validation of SOAP messages against WSDL	NOVALIDATION		6
VALIDATIONST Input/output valid values	VALIDATION, NOVALIDATION								
WEBUSECOUNT	BINARY	STAT	4	AVG	No	Number of times web service used			16
WSBIND	CHAR	INQ	255	DIFF	No	Fully-qualified WSBIND file on HFS			2
WSDLFILE	CHAR	INQ	255	DIFF	No	Fully-qualified WSDL file on HFS			3
XOPDIRECTST	EYUDA	INQ	4	LIKE	No	Current Web service direct mode XOP status		E640	25
XOPDIRECTST Output valid values	SUPPORTED, NOTSUPPORTED								
XOPSUPPORTST	EYUDA	INQ	4	LIKE	No	Web service XOP capability		E640	24
XOPSUPPORTST Output valid values	SUPPORTED, NOTSUPPORTED								

WEBSVDEF Resource Table

A CICS definition that describes aspects of the run-time environment for a CICS application program deployed in a Web services setting, where the mapping between application data structure and SOAP messages has been generated using CICS-supplied tools.

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

The following actions are supported:

INSTALL

Install a Connection Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 9.

ADDTOGRP

Add to resource group

PARM(' [ERRQUEUE] RESGROUP(value) .')

External resource name**Length**

896

Usage API or Batch Utility**API view**

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3835

Table 913. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YESINO)	No
		MODE(value)	No
		NOTIFY(NO INACTIVE RELEASE FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET RELATED BOTH NONE)	No
		RELATED(value)	No
		STATECHK(YESINO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTOGRP	RESGROUP(value)	Yes

Table 914. WEBSVDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version

Table 914. WEBSVDEF FEEDBACK error codes (continued)

11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICTS	Scope conflict

Table 915. WEBSVDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				9
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	0-99999999		18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				13
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
PIPELINE	CHAR	CPSM	8	Yes	DIFF	No	Pipeline in which to install this web service				14

Table 915. WEBSVDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
POLICYDIR	CHAR	CPSM	255	No	DIFF	No	Reserved area			E640	19
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				12
VALIDATION	EYUDA	CPSM	4	No	LIKE	No	Perform validation of SOAP messages against WSDL	NO			17
VALIDATION Input/output valid values	NO, YES										
WSBIND	CHAR	CPSM	255	Yes	DIFF	No	Fully-qualified WSBIND file on HFS				15
WSDLFILE	CHAR	CPSM	255	No	DIFF	No	Fully-qualified WSDL file on HFS				16

WLMATAFF Resource Table

A CPSM Workload Manager object that describes an active affinity relationship for a dynamic transaction. An instance of this object exists for the duration of the affinity, which in many cases is a very short period of time.

This object is referenced within the scope of a workload. As such, the workload name must be explicitly identified in the API GET command PARM option by coding the following text string:

APAR PQ30578

Documentation for APAR PQ30578 addedd 18/04/2000

```
PARM('WORKLOAD(workload).')
```

where:

```
workload = (Required) The name of an active workload.
```

The key for this resource class is a composite element.

The following action is supported:

FORCE

Force an affinity to be broken.

This action is provided for use when system failures occur and manual recovery of a workload is required. It is not intended for general use and may cause damage if used in an inappropriate manner. CICSplex SM makes no checks prior to the forced removal of an affinity relation.

External resource name

Length

144

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

Yes

Object type

CICSplex SM Manager

Copybook identifier

EYUt2487

Table 916. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	Yes
PERFORM SET	FORCE	None	N/A

Table 917. WLMATAFF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	AFFINITY_NOT_FOUND	Affinity not found	22	WORKLOAD_NOT_FOUND	Workload not found
23	TRANGRP_NOT_FOUND	Transaction group not found	24	NO_WORKLOAD	No workload
25	NO_TRANGRP	No transaction group	26	WORKLOAD_FROZEN	Workload frozen

Table 918. WLMATAFF resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
AFFINITY	EYUDA	CPSM	4	LIKE	No	Affinity relationship	6
AFFINITY Output valid values	GLOBAL, LUNAME, USERID, BAPPL						
AOR	CHAR	CPSM	8	DIFF	No	Target region	13
CBTSKEY	HEX	CPSM	52	LIKE	No	BTS activity ID	16
LIFETIME	EYUDA	CPSM	4	LIKE	No	Affinity lifetime	7
LIFETIME Output valid values	LOGON, PCONV, PERMANENT, SIGNON, SYSTEM, DELIMIT, ACTIVITY, PROCESS						
LUNAME-5	CHAR	CPSM	17	DIFF	Yes	Terminal LU name	10

Table 918. WLMATAFF resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
RESERVD2-8	CHAR	CPSM	11	DIFF	Yes	The activity ID of the CBTS activity	15
TERMID-7	CHAR	CPSM	8	DIFF	Yes	Routing region terminal	12
TORNAME-6	CHAR	CPSM	8	DIFF	Yes	Routing region	11
TRANGRP-3	CHAR	CPSM	8	DIFF	Yes	Transaction group	4
USERID-4	CHAR	CPSM	8	DIFF	Yes	User identifier	9
WORKLOAD-1	CHAR	CPSM	8	DIFF	Yes	Workload name	5
WRKLOWNER-2	CHAR	CPSM	4	DIFF	Yes	System ID of workload owner	14

WLMATGRP Resource Table

A CPSM Workload Manager object that describes a transaction group installed in an active workload.

This object is referenced within the scope of a workload. As such, the workload name must be explicitly identified in the API GET command PARM option by coding the following text string:

APAR PQ30578

Documentation for APAR PQ30578 added 18/04/2000

```
PARM('WORKLOAD(workload).')
```

where:

```
workload = (Required) The name of an active workload.
```

Other parameters can also be specified, but the workload name is required.

The key for this resource class is a composite element.

The following actions are supported:

ACTIVE

Activate the Transaction Group.

DORMANT

Make the Transaction Group dormant.

These actions require no unique parameter data.

A transaction group in the dormant state does not make affinity relation decisions about AOR target selection. It does, however, record static affinity relations. This allows a transaction group to be installed prior to activating dynamic transaction routing to record affinities based on the existing static routing configuration. When the transaction group is made active, it then has a valid representation of affinities created using static facilities.

External resource name

Length

56

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

Yes

Object type

CICSplex SM Manager

Copybook identifier

EYUt2486

Table 919. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	Yes
PERFORM SET	ACTIVE	WORKLOAD(value)	No
	DORMANT	WORKLOAD(value)	No

Table 920. WLMATGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	NO_WORKLOAD	No workload	22	NO_TRANGRP	No transaction group
23	WORKLOAD_FROZEN	Workload frozen			

Table 921. WLMATGRP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ABENDCRIT	BINARY	CPSM	1	AVG	No	Acceptable abend level	10
ABENDTHRESH	BINARY	CPSM	1	AVG	No	Acceptable target region load level	11
AFFAUTO	EYUDA	CPSM	4	LIKE	No	Automatic affinity creation	15
AFFAUTO Input/output valid values	YES, NO, N_A						
AFFINITY	EYUDA	CPSM	4	LIKE	No	Affinity relationship	8
AFFINITY Input/output valid values	GLOBAL, LUNAME, USERID, NONE, N_A, BAPPL						
AFFLIFE	EYUDA	CPSM	4	LIKE	No	Affinity lifetime	9
AFFLIFE Input/output valid values	LOGON, PCONV, PERMANENT, SIGNON, SYSTEM, DELIMIT, NONE, N_A, ACTIVITY, PROCESS						
EVENTNAME	CHAR	CPSM	8	DIFF	No	Event name	12
FILTER	EYUDA	CPSM	4	LIKE	No	Primary search criterion	7
FILTER Input/output valid values	LUNAME, USERID						
STATUS	EYUDA	CPSM	4	LIKE	No	Transaction group status	6
STATUS Input/output valid values	ACTIVE, DORMANT						
TRANGRP-3	CHAR	CPSM	8	DIFF	Yes	Transaction group	4

Table 921. WLMATGRP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
WORKLOAD-1	CHAR	CPSM	8	DIFF	Yes	Workload	5
WRKLOWNER-2	CHAR	CPSM	4	DIFF	Yes	Workload owner	13

WLMATRAN Resource Table

A CPSM Workload Manager object that describes a dynamic transaction defined explicitly to CICSplex SM. Dynamic transactions need only be defined if they have specific separation or affinity criteria.

This object is referenced within the scope of a workload. As such, the workload name must be explicitly identified in the API GET command PARM option by coding the following text string:

APAR PQ30578

Documentation for APAR PQ30578 added 18/04/2000

```
PARM('WORKLOAD(workload).')
```

where:

```
workload = (Required) The name of an active workload.
```

Other parameters can also be specified, but the workload name is required.

The key for this resource class is a composite element.

The following action is supported:

FORCE

Force removal of a transaction.

The FORCE action requires no unique parameter data.

External resource name

Length

32

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

Yes

Object type

CICSplex SM Manager

Copybook identifier

EYUt2488

Table 922. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	Yes
PERFORM SET	FORCE	None	N/A

Table 923. WLMATRAN FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	NO_WORKLOAD	No workload	22	NO_TRANSID	No transaction ID
23	WORKLOAD_FROZEN	Workload frozen	24	MAL_PENDING	MAL pending

Table 924. WLMATRAN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
PSEUDOMODE	EYUDA	CPSM	4	LIKE	No	Start or end of pseudo-conversation	5
PSEUDOMODE Output valid values	START, END, N_A						
TRANGRP	CHAR	CPSM	8	DIFF	No	Transaction group	6
TRANID-3	CHAR	CPSM	8	DIFF	Yes	Transaction	4
WORKLOAD-1	CHAR	CPSM	8	DIFF	Yes	Workload name	7
WRKLOWNER-2	CHAR	CPSM	4	DIFF	Yes	System ID of workload owner	8

WLMWAOR Resource Table

A CPSM Workload Manager object that describes a CICS system used as an AOR in an active workload.

This object is referenced within the scope of a workload. As such, the workload name must be explicitly identified in the API GET command PARM option by coding the following text string:

APAR PQ30578

Documentation for APAR PQ30578 added 18/04/2000

```
PARM('WORKLOAD(workload).')
```

where:

workload = (Required) The name of an active workload.

Other parameters can also be specified, but the workload name is required.

The key for this resource class is a composite element.

The following actions are supported:

ACTIVATE

Allow transactions to be routed to an AOR.

QUIESCE

Do not route new transactions to an AOR.

These actions require no unique parameter data.

When an AOR QUIESCE, is requested no new transactions are routed to the AOR. Existing tasks are not affected. Only transactions with an affinity to the AOR continue to be routed. When all affinities have been removed, the AOR no longer receives any new transactions.

External resource name

Length

32

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

Yes

Object type

CICSplex SM Manager

Copybook identifier

EYUt2484

Table 925. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	Yes
PERFORM SET	ACTIVATE	None	N/A
	QUIESCE	None	N/A

Table 926. WLMWAOR FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	NO_AOR	Target region not defined			

Table 927. WLMWAOR resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
AOR-3	CHAR	CPSM	8	DIFF	Yes	Target region name	5
CON_STATUS	EYUDA	CPSM	4	LIKE	No	Target region contact status	7
CON_STATUS Output valid values	LOSTCON, N_A						
STATUS	EYUDA	CPSM	4	LIKE	No	Target region status	6
STATUS Input/output valid values	ACTIVE, QUIESCE						
STATUS Output valid values	QUIESCING, QUIESCED						
WORKLOAD-1	CHAR	CPSM	8	DIFF	Yes	Workload name	4
WRKOWNER-2	CHAR	CPSM	4	DIFF	Yes	System ID of workload owner	8

WLMWDEF Resource Table

A CPSM Workload Manager object that describes a workload definition installed in an active workload.

This object is referenced within the scope of a workload. As such, the workload name must be explicitly identified in the API GET command PARM option by coding the following text string:

APAR PQ30578

Documentation for APAR PQ30578 added 18/04/2000

```
PARM('WORKLOAD(workload).')
```

where workload = (Required) The name of an active workload.

Other parameters can also be specified, but the workload name is required.

The key for this resource class is a composite element.

The following action is supported:

DISCARD

Remove the installed definition.

The DISCARD action requires no unique parameter data.

External resource name

Length

128

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

Yes

Object type

CICSplex SM Manager

Copybook identifier

EYUt2489

Table 928. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	Yes
PERFORM SET	DISCARD	None	N/A

Table 929. WLMWDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
-------	------	-------------	-------	------	-------------

Table 929. WLMDEF FEEDBACK error codes (continued)

21	WLMDEF_NOT_FOUND	Workload management definition not found	22	NO_WORKLOAD	No workload
23	NO_WLMDEF	No workload management definition (WLMDEF)	24	WORKLOAD_FROZEN	Workload frozen
25	MAL_PENDING	Request scheduled for execution later			

Table 930. WLMDEF resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
AORSCOPE	CHAR	CPSM	8	DIFF	No	Scope name of set of target systems	9
DESC	CHAR	CPSM	58	DIFF	No	Description	10
LUNAME	CHAR	CPSM	17	DIFF	No	Terminal LU name	7
NAME-3	CHAR	CPSM	8	DIFF	Yes	Workload definition	4
PROCESSTYPE	CHAR	CPSM	8	DIFF	No	Process type	12
TRANGRP	CHAR	CPSM	8	DIFF	No	Transaction group	6
USERID	CHAR	CPSM	8	DIFF	No	User ID	8
WORKLOAD-1	CHAR	CPSM	8	DIFF	Yes	Workload name	5
WRKLOWNER-2	CHAR	CPSM	4	DIFF	Yes	System ID of workload owner	11

WLMWORK Resource Table

A CPSM Workload Manager object that describes an active workload.

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

Note: The WLMWORK will not exist until the first CICS defined as a router has initialized and created the workload. The creation of the workload is indicated in the CMAS EYULOG by message EYUWM0400I.

External resource name

Length

120

Usage

API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2483

Table 931. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 932. WLMWORK resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ABENDCRIT	BINARY	CPSM	1	AVG	No	Acceptable level of abend probability	15
ABENDTHRESH	BINARY	CPSM	1	AVG	No	Acceptable target region load level	16
AFFAUTO	EYUDA	CPSM	4	LIKE	No	Automatic affinity creation	20
AFFAUTO Output valid values	YES, NO, N_A						
AFFINITY	EYUDA	CPSM	4	LIKE	No	Default affinity relation	5
AFFINITY Output valid values	GLOBAL, LUNAME, USERID, NONE, N_A, BAPPL						
AFFLIFE	EYUDA	CPSM	4	LIKE	No	Default affinity lifetime	6
AFFLIFE Output valid values	LOGON, PCONV, PERMANENT, SIGNON, SYSTEM, DELIMIT, NONE, N_A, ACTIVITY, PROCESS						
ALGTYPE	EYUDA	CPSM	4	LIKE	No	Algorithm type	14
ALGTYPE Output valid values	QUEUE, GOAL						
AORCNT	BINARY	CPSM	2	AVG	No	Active target regions	8
AORSCOPE	CHAR	CPSM	8	DIFF	No	Default target scope	9
DESC	CHAR	CPSM	58	DIFF	No	Description	10
EVENTNAME	CHAR	CPSM	8	DIFF	No	Event name	17
SHARED	EYUDA	CPSM	4	LIKE	No	Shared status	21
SHARED Output valid values	YES, NO						
STATUS	EYUDA	CPSM	4	LIKE	No	Workload status	12
STATUS Output valid values	ACTIVE, FROZEN						
TORCNT	BINARY	CPSM	2	AVG	No	Active routing regions	7
WORKLOAD-1	CHAR	CPSM	8	DIFF	Yes	Name	4
WRKLOWNER-2	CHAR	CPSM	4	DIFF	Yes	Owning system ID	18

WLMAWTOR Resource Table

A CPSM Workload Manager object that describes a CICS system used as a TOR in an active workload.

This object is referenced within the scope of a workload. As such, the workload name must be explicitly identified in the API GET command PARM option by coding the following text string:

APAR PQ30578

Documentation for APAR PQ30578 added 18/04/2000

PARM('WORKLOAD(workLoad).')

where workload = (Required) The name of an active workload.

Other parameters can also be specified, but the workload name is required.

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

External resource name

Length

32

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

Yes

Object type

CICSplex SM Manager

Copybook identifier

EYUt2485

Table 933. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	Yes

Table 934. WLMAWTOR resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CON_STATUS	EYUDA	CPSM	4	LIKE	No	Routing region contact status	7
CON_STATUS Output valid values	LOSTCON, N_A						
TOR-3	CHAR	CPSM	8	DIFF	Yes	Routing region name	5
TOROWNER	CHAR	CPSM	8	DIFF	No	Name of controlling CMAS	9
WORKLOAD-1	CHAR	CPSM	8	DIFF	Yes	Workload name	4
WRKLOWNER-2	CHAR	CPSM	4	DIFF	Yes	System ID of workload owner	8

WLMDEF Resource Table

A CPSM Workload Manager Definition that describes the separation and affinity requirements for a set of dynamic transactions.

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

The following action is supported:

INSTALL

Install the definition into a workload.

The parameter data for the INSTALL action is:

PARM('WORKLOAD(workload) OWNER(owner).')

where:

workload = (Required) Name of an active workload to process definition.

owner = (Required) System ID of CMAS that created workload, as identified by WLMWORK.

External resource name

Length

128

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

Yes

Object type

CICSplex SM Definition

Copybook identifier

EYUt3508

Table 935. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	OWNER(value)	Yes
		WORKLOAD(value)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 936. WLMDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	not found	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	21	NO_WLMDEF	No workload management definition
22	NO_WORKLOAD	No workload	23	WORKLOAD_FROZEN	Workload frozen

Table 936. WLMDEF FEEDBACK error codes (continued)

24	MAL_PENDING	Request scheduled for execution later	25	PARMS_IGNORED	Parameters ignored
26	NODEFS_INSTALL	No definitions installed	27	AORSCOPE_NOT_FOUND	Scope not found
28	TRANGRP_NOT_FOUND	Transaction group not found			

Table 937. WLMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
AORSCOPE	CHAR	CPSM	8	Yes	DIFF	No	Scope name of set of target systems			9
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
DESC	CHAR	CPSM	58	No	DIFF	No	Description			10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	13
LUNAME	CHAR	CPSM	17	Yes	DIFF	No	Terminal LU name			7
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Workload management definition			5
PROCESSTYPE	CHAR	CPSM	8	Yes	DIFF	No	BTS process type	*		11
TRANGRP	CHAR	CPSM	8	No	DIFF	No	Transaction group			6
USERID	CHAR	CPSM	8	Yes	DIFF	No	User ID			8

WLMGROUP Resource Table

A CPSM Workload Manager Definition that provides the association anchor for a set of WLMDEF definitions. References to a WLMGROUP are inferred to be references to the set of associated WLMDEF instances.

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

The following action is supported:

INSTALL

Install the set of WLMDEF definitions.

The parameter data for the INSTALL action is:

```
PARM('WORKLOAD(workload) OWNER(owner).')
```

where:

workload = (Required) Name of an active workload to process group.
owner = (Required) System ID of CMAS that created workload, as identified by WLMWORK.

External resource name

Length
80

Usage API or Batch Utility

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
Yes

Object type
CICSplex SM Definition

Copybook identifier
EYUt3506

Table 938. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	OWNER(value)	Yes
		WORKLOAD(value)	Yes
	ADDTOSPC	SPEC(value)	Yes

Table 939. WLMGROUP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REF	Not found	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	21	NO_WLMGROUP	No workload management group
22	NO_WORKLOAD	No workload	23	WORKLOAD_FROZEN	Workload frozen
24	MAL_PENDING	Request scheduled for execution later	25	PARMS_IGNORED	Parameters ignored
26	NODEFS_INSTALLED	No definitions installed	27	NODEFS_ASSOCIATED	No definitions in group

Table 940. WLMGROUP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
DESC	CHAR	CPSM	58	No	DIFF	No	Description			6
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	7

Table 940. WLMGROUP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Workload management group			5

WLMINGRP Resource Table

A CPSM Workload Manager Definition that describes the membership of a workload definition (WLMDEF) in a workload group (WLMGROUP). A WLMDEF can be a member of multiple WLMGROUPs.

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

There are no object specific actions for this resource class.

External resource name

Length

24

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt5378

Table 941. Valid CPSM operations

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

Table 942. WLMINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists

Table 943. WLMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
DEF-2	CHAR	CPSM	8	Yes	DIFF	Yes	Name of workload management (WLM) definition	6
GROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Workload management (WLM) group	5

WLMINSPC Resource Table

A CPSM Workload Manager Definition that describes the membership of a workload group (WLMGROUP) in a workload specification (WLMSPEC). A WLMGROUP can be a member of multiple WLMSPeCs.

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

There are no object specific actions for this resource class.

External resource name

Length

24

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt5123

Table 944. Valid CPSM operations

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

Table 945. WLMINSPC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists

Table 946. WLMINSPC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
GROUP-2	CHAR	CPSM	8	Yes	DIFF	Yes	Workload management (WLM) group	6
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Workload management specification	5

WLMSPEC Resource Table

A CPSM Workload Manager Definition that describes the control directives for generating a workload. Using group associators a WLMSPEC object can determine which WLMDEF instances are to be installed into the workload. Using scope link associators (LNKSWSCS), a WLMSPEC object can determine which CICS systems are to be referenced as TORs. A CICS system acting as a TOR can have a scope link associator to only one WLMSPEC.

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

External resource name

Length

120

Usage API or Batch Utility

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt3513

Table 947. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDSYSGRP	FORCE	Yes
		GROUP(value)	Yes
		NONE	Yes
		NULL	Yes
		SYSTEM(value)	Yes
	ADDSYSDEF		

Table 948. WLMSPEC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 948. WLMSPEC FEEDBACK error codes (continued)

1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Does not exist	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	21	ABEND_COMBINATION	Abend load must be less than abend probability
22	AORSCOPE_NOT_FOUND	AORSCOPE not found	23	LNKASSOC_EXISTS	Association already exists

Table 949. WLMSPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ABENDCRIT	BINARY	CPSM	1	Yes	AVG	No	Acceptable level of abend probability	0	2-99	14
ABENDCRIT Input/output valid values	0									
ABENDTHRESH	BINARY	CPSM	1	Yes	AVG	No	Acceptable abend load threshold	0	1-98	15
ABENDTHRESH Input/output valid values	0									
AFFAUTO	EYUDA	CPSM	4	No	LIKE	No	Automatic affinity creation option	N_A		17
AFFAUTO Input/output valid values	YES, NO, N_A									
AFFINITY	EYUDA	CPSM	4	No	LIKE	No	Default affinity			7
AFFINITY Input/output valid values	N_A, GLOBAL, LUNAME, USERID, BAPPL									
AFFLIFE	EYUDA	CPSM	4	No	LIKE	No	Default affinity lifetime			8
AFFLIFE Input/output valid values	N_A, LOGON, PCONV, DELIMIT, PERMANENT, SIGNON, SYSTEM, ACTIVITY, PROCESS									
ALGTYPE	EYUDA	CPSM	4	Yes	LIKE	No	Algorithm type			10
ALGTYPE Input/output valid values	GOAL, QUEUE									
AORSCOPE	CHAR	CPSM	8	Yes	DIFF	No	Default target scope			6
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
DESC	CHAR	CPSM	58	No	DIFF	No	Description			12

Table 949. WLMSPEC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	18
EVENTNAME	CHAR	CPSM	8	No	DIFF	No	RTA event			13
MATCH	EYUDA	CPSM	4	Yes	LIKE	No	Primary search criterion			9
MATCH Input/output valid values	LUNAME, USERID									
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			5

WORKREQ Resource Table

A CICS Resource that describes EJB work requests and the transactions associated with them.

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

The following actions are supported:

PURGE

Purge a selected work request.

FORCEPURGE

Forcepurge a selected work request.

External resource name

Length

112

Usage

API or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0136

Table 950. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	PURGE	None	N/A
	FORCEPURGE	None	N/A

Table 951. WORKREQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
CLIENTIPADDR	CHAR	INQ	15	DIFF	No	Client TCP/IP address			2
CORBASERVER	CHAR	INQ	4	DIFF	No	Associated CorbaServer			15
LISTENERPORT	BINARY	INQ	4	AVG	No	Host port that received the request			5
NAME-1	CHAR	INQ	8	DIFF	Yes	Work request			1
OAPPLID	CHAR	INQ	8	DIFF	No	Originating tasks application ID			7
OTASK	DECIMAL	INQ	4	AVG	No	Task that received the request			8
OTRANSID	CHAR	INQ	4	DIFF	No	Transaction ID that received the request			9
PURGETYPE	CVDAS	INQ	4	LIKE	Yes	Purge type		EALL	16
PURGETYPE Input/output valid values	PURGE, FORCEPURGE								
REQUESTID	BINARY	INQ	4	AVG	No	Current request ID			12
STACK	BINARY	INQ	4	AVG	No	Stack level of call			13
TASK	DECIMAL	INQ	4	AVG	Yes	Local task number			4
TRANSID	CHAR	INQ	4	DIFF	No	Local transaction ID			6
TSYSTEM	CHAR	INQ	21	DIFF	No	Address of target CICS system			10
WORKTYPE	CVDAS	INQ	4	LIKE	Yes	Type of work being performed	IIOF		14
WORKTYPE Input/output valid values	IIOF, SOAP								

Resource table summary

CICS Definition

Table 952. Summary of CICS Definition resource tables

CONNDEF	FSEGDEF	SESSDEF
DB2CDEF	IPCONDEF	TCPDEF
DB2EDEF	JRNMDEF	TDQDEF
DB2TDEF	LIBDEF	TERMDEF
DOCDEF	LSRDEF	TRANDEF
EJCODEF	MAPDEF	TRNCLDEF
EJDJDEF	PARTDEF	TSMDEF
ENQMDEF	PIPEDEF	TYPTMDEF
FENODDEF	PROCDEF	URIMPDEF
FEPODEF	PROFDEF	WEBSVDEF
FEPRODEF	PROGDEF	
FETRGDEF	PRTNDEF	
FILEDEF	RQMDEF	

CICS Monitored

Table 953. Summary of CICS Monitored resource tables

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

CICS Resource

Table 954. Summary of CICS Resource resource tables

AIMODEL	FEPITRGT	REQID
BRFACIL	HOST	RPLLIST
CFDTPPOOL	HTASK	RQMODEL
CICSDSA	INDTDQ	STREAMNM
CICSRGN	INTRATDQ	SYSDUMP
CICSSTOR	IPCONN	TASK
CLCACHE	IPFACIL	TASKASSC
CMDT	JRNLMODL	TASKESTG
CONNECT	JRNLNAM	TASKFILE
DBCTLSS	JVM	TASKRMI
DB2CONN	JVMPPOOL	TASKTSQ
DB2ENTRY	JVMPROF	TCPIPGBL
DB2SS	LIBDSN	TCPIPS
DB2THRD	LIBRARY	TDQGBL
DB2TRAN	LOADACT	TERMNL
DB2TRN	LOADER	TRANCLAS
DOCTEMP	LOCFIL	TRANDUMP
DSNAME	LOCTRAN	TSKSPOLS
DSPGBL	LSRPBUF	TSKSPOOL
DSPMODE	LSRPOOL	TSMODEL
DSPPOOL	MASHIST	TSPOOL
EJCOBEAN	MODENAME	TSQGBL
EJCOSE	MONITOR	TSQNAME
EJDJAR	MQCONN	TSQSHR
EJDJBEAN	MVSESTG	TSQUEUE
ENQMODEL	MVSTCB	UOW
ENQUEUE	MVSTCBGL	UOWDSNF
EXCI	MVSWLM	UOWENQ
EXITGLUE	PARTNER	UOWLINK
EXITTRUE	PIPELINE	URIMAP
EXTGLORD	PROCTYP	URIMPGBL
EXTRATDQ	PROFILE	WEBSERV
FEPICONN	PROGRAM	WORKREQ
FEPINODE	RECOVERY	
FEPIPOOL	REMFIL	
FEPIPROP	REMTDQ	

CPSM Definition

Table 955. Summary of CPSM Definition resource tables

ACTION	LNKSMSCG	RQMINGRP
APSPEC	LNKSMSCS	RTADEF
CMDMPAPS	LNKSRSCG	RTAGROUP
CMDMSAPS	LNKSRSCS	RTAINAPS
CONINGRP	LNKSWSCG	RTAINGRP
CSGLCGCG	LNKSWSCS	RTAINSPC
CSGLCGCS	LSRINGRP	RTASPEC
CSYSDEF	MAPINGRP	SESINGRP
CSYSGRP	MONDEF	STAINGRP
DOCINGRP	MONGROUP	STATDEF
DTRINGRP	MONINGRP	SYSLINK
D2CINGRP	MONINSPC	TCLINGRP
D2EINGRP	MONSPEC	TCPINGRP
D2TINGRP	PARINGRP	TDQINGRP
EJCINGRP	PERIODEF	TRANGRP
EJINGRP	PGMINGRP	TRMINGRP
ENQINGRP	PIPINGRP	TRNINGRP
EVALDEF	PRCINGRP	TSMINGRP
FILINGRP	PRNINGRP	TYPINGRP
FNOINGRP	PROINGRP	URIINGRP
FPOINGRP	RASGNDEF	WEBINGRP
FPRINGRP	RASINDSC	WLMDEF
FSGINGRP	REMTRAN	WLMGROUP
FTRINGRP	RESDESC	WLMINGRP
IPCINGRP	RESGROUP	WLMINSPC
JRMINGRP	RESINDSC	WLMSPEC
LIBINGRP	RESINGRP	

CPSM Configuration Definition

Table 956. Summary of CPSM Configuration Definition resource tables

CMTCMDEF	CMLPMDEF	CPLXDEF
CPLXCMAS		

CPSM Manager

Table 957. Summary of CPSM Manager resource tables

APACTV	CRESFILE	EVENTDTL
BATCHREP	CRESEGLUE	MAS
CICSPLEX	CRESJRNL	POLMON
CMAS	CRESJRNM	RASPROC
CMASLIST	CRESMODE	RDSCPROC
CMASPLEX	CRESPART	RTAACTV
CMTMMLNK	CRESPRGM	SYSRES
CMTPMLNK	CRESPROF	TOPOBJ
CRESAIMD	CRESPRTY	(IBM internal use only)
CRESCONN	CRESRQMD	TREEDATA
CRESDB2C	CRESSDMP	(IBM internal use only)
CRESDB2E	CRESTCPS	TREEHEAD
CRESDB2T	CRESTDMP	(IBM internal use only)WLMATAFF
CRESDOCT	CRESTDQ	WLMATGRP
CRESDSNM	CRESTERM	WLMATRAN
CRESENQM	CRESTRAN	WLMAWAOR
CRESFECO	CRESTRUE	WLMAWDEF
CRESFEND	CRESTSMD	WLMAWORK
CRESFEPO	EVENT	WLMAWTOR
CRESFETR		

CPSM Metadata

Table 958. Summary of CPSM Metadata resource tables

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

CPSM Notification

Table 959. Summary of CPSM Notification resource tables

EACTNTFN	EPLEXCHG	ERMCPRGM
ECSYSCHG	ERESSTAT	ERMCPROF
EDEFCHG	ERMCAIMD	ERMCPRTY
ELIGNAL	ERMCCONN	ERMCRQMD
EMASJOIN	ERMCDDB2C	ERMCSDMP
EMASSICK	ERMCDDB2E	ERMCTCPS
EMASSTOP	ERMCDDB2T	ERMCTDMP
EMASSTRT	ERMCDOCT	ERMCTDQ
EMASWELL	ERMCDSNM	ERMCTERM
EMCICS	ERMCMENQM	ERMCTRAN
EMCONN	ERMCFECO	ERMCTRUE
EMDBX	ERMCFEND	ERMCTSMD
EMFILE	ERMCFEPO	ERMMCONN
EMGLBL	ERMCFETR	ERMMFILE
EMJRNL	ERMCFILE	ERMMJRNL
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EMTRAN	ERMCPART	ESGRPCHG

Bibliography

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Other CICS books

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

<i>Designing and Programming CICS Applications</i>	SR23-9692
<i>CICS Application Migration Aid Guide</i>	SC33-0768
<i>CICS Family: API Structure</i>	SC33-1007
<i>CICS Family: Client/Server Programming</i>	SC33-1435
<i>CICS Transaction Gateway for z/OS Administration</i>	SC34-5528
<i>CICS Family: General Information</i>	GC33-0155
<i>CICS 4.1 Sample Applications Guide</i>	SC33-1173
<i>CICS/ESA 3.3 XRF Guide</i>	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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RSVDA2 field
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- in FEPRODEF resource table 302
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- in FNOINGRP resource table 316
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- in TERMDEF resource table 654
- in TRANDEF resource table 669
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- in TRNCLDEF resource table 681
- in TRNINGRP resource table 683
- in TSMDEF resource table 688
- in TSMINGRP resource table 691
- in TSMODEL resource table 692
- in TYPINGRP resource table 700
- in TYPTMDEF resource table 701
- in URIINGRP resource table 716
- in URIMAP resource table 717
- in URIMPDEF resource table 720
- in WEBINGRP resource table 726
- in WEBSERV resource table 727
- in WEBSVDEF resource table 730

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- in CICSSTOR resource table 60

RSVRD11 field

- in CICSSTOR resource table 60

RSVRD12 field

- in CICSSTOR resource table 60

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- in FETRGDEF resource table 305
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- in IPCONDEF resource table 367
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 in URIMPDEF resource table 720
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 SETCICSRV2 field
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