

CICS Transaction Server for z/OS
Version 5 Release 2



CICSplex SM Resource Tables Reference Vol 1

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Version 5 Release 2



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Note

Before using this information and the product it supports, read the information in “Notices” on page 541.

This edition applies to the IBM CICS Transaction Server for z/OS Version 5 Release 2 (product number 5655-Y04) and to all subsequent releases and modifications until otherwise indicated in new editions.

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Preface

This information describes the format and content of CICSplex® SM resource tables that begin with a letter in the range A to L. To look up a resource table that begins with a letter in the range M to Z, see CICSplex SM resource tables overview in Reference.

The resource tables can be accessed by the application programming interface (API) or the batched repository-update facility, or can be used in realtime analysis.

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 System Manager 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 Reference* 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.

Terminology

In this manual, the term **CICSplex SM** means the CICSplex SM element of CICS® TS for z/OS®. The term *CICSplex* means the largest set of CICS systems to be managed by CICSplex SM as a single entity.

Location of topics in the information center

The topics in this publication can also be found in the CICS information center. The information center uses content types to structure how the information is displayed.

The information center content types are generally task-oriented, for example; upgrading, configuring, and installing. Other content types include reference, overview and scenario or tutorial-based information. The following mapping shows the relationship between topics in this publication and the information center content types, with links to the external information center:

Table 1. Mapping of PDF topics to information center content types. This table lists the relationship between topics in the PDF and topics in the content types in the information center

Set of topics in this publication	Location in the information center
All content	CICSplex SM resource tables and views reference in Reference

Changes in CICS Transaction Server for z/OS, Version 5 Release 2

For information about changes that have been made in this release, please refer to *What's New* in the information center, or the following publications:

- *CICS Transaction Server for z/OS What's New*
- *CICS Transaction Server for z/OS Upgrading from CICS TS Version 5.1*
- *CICS Transaction Server for z/OS Upgrading from CICS TS Version 4.2*
- *CICS Transaction Server for z/OS Upgrading from CICS TS Version 4.1*
- *CICS Transaction Server for z/OS Upgrading from CICS TS Version 3.2*
- *CICS Transaction Server for z/OS Upgrading from CICS TS Version 3.1*

Any technical changes that are made to the text after release are indicated by a vertical bar (|) to the left of each new or changed line of information.

Developing system programs using CICSplex SM resource tables

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 Web User Interface (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 in CICSplex SM. All requests for resource data from the API, batched repository-update facility, or RTA evaluation definitions must use the resource class name that is defined in the resource table.

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 CICS definition resource tables describe resource definitions that CICSplex SM can assign to and possibly install in CICS systems.

Table 2.

Summary of resource tables

ATOMDEF	FEPRODEF	PROFDEF
BUNDDEF	FETRGDEF	PROGDEF
CONNDEF	FILEDEF	PRTNDEF
CSDGROUP	FSEGDEF	RQMDEF
CSDINGRP	IPCONDEF	SESSDEF
CSDINLST	JRNLDDEF	TCPDEF
CSDLIST	JRNMDEF	TDQDEF
DB2CDEF	JVMSVDEF	TERMDEF
DB2EDEF	LIBDEF	TRANDEF
DB2TDEF	LIBDSN	TRNCLDEF
DOCDEF	LSRDEF	TSMDEF
EJCODEF	MAPDEF	TYPTMDEF
EJDJDEF	MQCONDEF	URIMPDEF
ENQMDEF	PARTDEF	WEBSVDEF
FENODDEF	PIPEDEF	
FEPOODEF	PROCDEF	

CICS operations resource tables

The CICS operations resource tables describe resources that exist in active CICS systems that are being managed by CICSplex SM.

Table 3.

Summary of resource tables

AIMODEL	EXTRATDQ	RECOVERY
ATOMSERV	FEPICONN	REMFIL
BRFACIL	FEPINODE	REMTDQ
BUNDLE	FETIPPOOL	REMTAN
BUNDPART	FETIPPROP	REQID
CFDTPPOOL	FETITRGT	RPLLIST
CICSDSA	HOST	RQMODEL
CICSPAGP	HTASK	SMFJRN
CICSRGN	INDTDQ	STREAMNM
CICSSTOR	INTRATDQ	SYSDUMP
CLCACHE	IPCONN	SYSPARM
CMDT	IPFACIL	TAPEJRN
CONNECT	JRNLMODL	TASK
DBCTLSS	JRNLNAM	TASKESTG
DB2CONN	JVM	TASKFILE
DB2ENTRY	JVMPPOOL	TASKRMI
DB2SS	JVMPROF	TASKTSQ
DB2THRD	JVMSERV	TASKASSC
DB2TRAN	LIBRARY	TCPIPGBL
DB2TRN	LOADACT	TCPIPS
DOCTEMP	LOADER	TDQGBL
DOMSPOOL	LOCFILE	TERMINL
DSKJRN	LOCTRAN	TRANCLAS
DSNAME	LSRPBUF	TRANDUMP
DSPGBL	LSRPOOL	TSKSPOLS
DSPMODE	MASHIST	TSKSPPOOL
DSPPOOL	MASSTAT	TSMODEL
EJCOBEAN	MODENAME	TSPOOL
EJCOSE	MONITOR	TSQGBL
EJDJAR	MQCON	TSQNAME
EJDBEAN	MQCONN	TSQSHR
ENQMODEL	MQINI	TSQUEUE
ENQUEUE	MVSESTG	UOW
EPADAPT	MVSTCB	UOWDSNF
EPADSET	MVSTCBGL	UOWENQ
EPAINSET	MVSWLM	UOWLINK
EVCSDATA	OSGIBUND	URIINGRP
EVCSINFO	OSGISERV	URIMPGBL
EVCSOPT	PARTNER	URIMAP
EVCSPEC	PIPELINE	VOLUME
EVNTBIND	PIPINGRP	WEBSERV
EVNTGBL	PROCTYP	WORKREQ
EXCI	PROFILE	XMLTRANS
EXITGLUE	PROGRAM	
EXITTRUE		
EXTGLORD		

CICS monitored resource tables

The following table lists resources that exist in active CICSplex SMs and which are being monitored by CICSplex SM.

Table 4.

Summary of resource tables

MCICSDSA	MJRNLNAM	MREMAFILE
MCICSRGN	MLOCFILE	MREMTDQ
MCMDT	MLOCTAN	MREMTAN
MCONNECT	MLSRPBUF	MTDQGBL
MDB2THRD	MLSRPOOL	MTERMNL
MFEPICON	MMODNAME	MTRANCLS
MINDTDQ	MNTRATDQ	MTSQGBL
MJOURNL	MPROGRAM	MXTRATDQ

CICSplex SM definition resource tables

The CICSplex SM definition resource tables are used by CICSplex SM management applications, such as Workload Manager and Business Application Services.

Table 5.

Summary of resource tables

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

CICSplex SM configuration definition resource tables

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

Table 6.

Summary of resource tables

CMTCMDEF	CPLXCMAS
CMTPMDEF	CPLXDEF

CICSplex SM management resource tables

A list of runtime resources that are either built from CICSplex SM definitions or created by CICSplex SM management applications during processing.

Table 7.

Summary of resource tables

APACTV	CRESFEND	CRESURIM
APPLCTN	CRESFEPO	CRESWEBS
BATCHREP	CRESFETR	CRESXMLT
CICSplex	CRESFILE	EVENT
CMAS	CRESGLUE	EVENTDTL
CMASLIST	CRESIPCN	MAS
CMASplex	CRESJRNL	MGMTPART
CMTCMLNK	CRESJRNM	PLATFORM
CMTPMLNK	CRESJVMs	POLMON
CRESAIMD	CRESLIBR	RASPROC
CRESATOM	CRESMODE	RDSCPROC
CRESBUND	CRESPART	RTAACTV
CRESCONN	CRESPIPE	SYSRES
CRESDB2C	CRESPRGM	TOPOBJ (IBM® internal use only)
CRESDB2E	CRESprof	TREEDATA (IBM internal use only)
CRESDB2T	CRESPTY	TREEHEAD (IBM internal use only)
CRESDOCT	CRESRQMD	WLMATAFF
CRESDSNM	CRESSDMP	WLMATARG
CRESENQM	CRESTCPS	WLMATGRP
CRESEPAD	CRESTDMP	WLMATRAN
CRESEPAS	CRESTDQ	WLMAWAOR
CRESEVBD	CRESTERM	WLMAWDEF
CRESEVCS	CRESTRAN	WLMAWORK
CRESFECO	CRESTRUE	WLMAWTOR
	CRESTSMD	

CICSplex SM notification resource tables

The CICSplex SM notification resource tables list messages that are generated asynchronously by CICSplex SM managed objects to report an interesting event.

Table 8.

Summary of resource tables

EACTNTFN	ERMCCONN	ERMCOGS
ECSYSCHG	ERMCDDB2C	ERMCPART
EDEFCHG	ERMCDDB2E	ERMCPPIPE
ELIGNAL	ERMCDDB2T	ERMCPRGM
EMASJOIN	ERMCDDOCT	ERMCPROF
EMASSICK	ERMCDSDNM	ERMCPRTY
EMASSTOP	ERMCDENQM	ERMCRQMD
EMASSTRT	ERMCEPAD	ERMCDSDMP
EMASWELL	ERMCEPAS	ERMCTCPS
EMCICS	ERMCEVBD	ERMCTDMP
EMCONN	ERMCEVCS	ERMCTDQ
EMDBX	ERMCEVSD	ERMCTERM
EMFILE	ERMCEVSI	ERMCTRAN
EMGLBL	ERMCEVSO	ERMCTRUE
EMJRNL	ERMCFECO	ERMCTSMD
EMPROG	ERMCFEND	ERMCCURIM
EMSTATUS	ERMCFEPO	ERMCCWEBS
EMTDQS	ERMCFETR	ERMCCXMLT
EMTERM	ERMCFEFILE	ERMCCONN
EMTRAN	ERMCCGLUE	ERMCCFILE
EPLEXCHG	ERMCCPCN	ERMCCJRNL
ERESSTAT	ERMCCJRNL	ERMCCPRGM
ERMCAIMD	ERMCCJRNM	ERMCCMTDQ
ERMCAIOM	ERMCCJVM	ERMCCTERM
ERMCAIOM	ERMCCLIBR	ERMCCTRAN
ERMCAIOM	ERMCCMODE	ESGRPCHG
ERMCAIOM	ERMCCOSGB	

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 9.

Summary of resource tables

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

Resource class key attributes

Each resource class can have many object instances in a CICSplex. Each object instance is a named entity and 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. 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 and can be used by the CICSplex SM API. However, you cannot refer to these attributes in any batched repository-update facility command.

CHANGEAGENT, CHANGEAGREL, CHANGETIME, CHANGEUSRID, 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 when the definition was created.

CICS TS 4.1 introduced new attribute fields CHANGEAGENT, CHANGEAGREL, and CHANGEUSRID to the resource table resource definition record. These new attributes, combined with the existing CHANGETIME and CREATETIME attributes, form the resource definition signature and are valid only for BAS resource definitions.

CHANGEAGENT displays how the resource was defined or last modified. CHANGEAGREL contains the level of CICS system that created or last modified the resource definition. CHANGEUSRID contains the user ID that created or last modified the resource definition.

The CHANGEAGENT, CHANGEAGREL, CHANGETIME, CHANGEUSRID and CREATETIME attributes are maintained internally by CICSplex SM. Do 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 parameters:

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 parameters:

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 either the CICS Explorer® or the Web 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 the CSYSDEF Resource Table topic in CICSplex SM resource tables overview in Reference.
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.

Parameters for managing CICS definitions with BAS

You can use CICSplex SM to manage your CICS resource definitions as CICS definition objects with BAS.

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).

Managing CICS definitions in the CSD

You can use CICSplex SM to manage your CICS resource definitions in the CSD.

Add a resource to a group

Add a CSD resource to a CSD group either with the **CREATE** command or with the **CSDCOPY** action.

The **CREATE** command creates a new resource definition in the CSD. When the resource definition is created, it must be assigned to a group. The **CREATE** command contains the following parameter:

CSD This parameter is optional.

Specifies whether the resource is a CSD resource. You must specify **PARM=CSD** if you are creating a CSD resource.

The **CSD** parameter is defined without a value. The CSD group into which the resource definition is defined is specified as an attribute of the resource definition: **CSDGROUP=groupname**

The **CSDCOPY** action copies an existing CICS resource definition, which is defined in the CSD, from one CSD group to another. The **CSDCOPY** action contains the following parameters:

AS_RESOURCE(value)

Specifies the name that the copy of the resource will take.

The **AS_RESOURCE** and **TO_CSDRESOURCE** parameters are mutually exclusive. Specify only one of these parameters on a **CSDCOPY** action.

DUPACTION {DUPERROR | DUPNOREPLACE | DUPREPLACE}

This parameter is optional.

Specifies the action that CPSM takes if the **CSDCOPY** action would result in a duplicate definition in the target CSD group.

DUPERROR

If **DUPACTION=DUPERROR** is specified, an error is returned to the user if the **CSDCOPY** action would result in a duplicate resource in the target CSD group.

DUPREPLACE

If **DUPACTION=DUPREPLACE** is specified, duplicate resource definitions in the target CSD group are replaced by the resource definitions that are being copied into the CSD group.

DUPNOREPLACE

If **DUPACTION=DUPNOREPLACE** is specified, duplicate resource definitions in the target CSD group are not replaced.

TO_CSDGROUP(*value*)

Specifies the destination CSD group into which a copy of the resource will be added.

The **AS_RESOURCE** and **TO_CSDRESOURCE** parameters are mutually exclusive. Specify only one of these parameters on a **CSDCOPY** action.

Add a CSD group to a list

Add a CSD group to a CSD list with the **CSDADD** action.

The **CSDADD** action adds a group of CSD resources to a list of CSD groups. The **CSDADD** action contains the following parameters:

TO_CSDLIST(*value*)

Specifies the CSD list to which to add the CSD group.

ADD_CSDGROUP(*value*)

This parameter is optional.

Specifies which existing CSD group to position the supplied CSD group next to in the CSD list. The **ADD_LOCATION** parameter defines whether the supplied CSD group is added before or after the existing CSD group.

ADD_LOCATION {BEFORE|AFTER}

This parameter is optional. If this parameter is not specified, the supplied CSD group is appended to the end of the list.

Specifies whether to add the supplied CSD group BEFORE or AFTER the existing CSD group in the CSD list.

Remove a resource from a group

Delete a CSD resource definition from a CSD group with the **REMOVE** command.

The **REMOVE** command, when issued against a CICS resource definition in a CSD group, deletes the resource from the group and CSD.

CSD This parameter is optional.

Specifies that the resource is to be removed from a group in the CSD.

Remove a group from a list

Remove a CSD group from a CSD list with the **REMOVE** command.

The **REMOVE** command, when issued against the CSDINLST resource, removes a CSD group from a CSD list.

Issuing a **REMOVE** command against the CSDINLST resource is equivalent to issuing a CEDA REMOVE GROUP(*group_name*) LIST(*list_name*) command.

Delete a group

Delete a CSD group from the CSD with the **REMOVE** command.

The **REMOVE** command, when issued against the CSDGROUP resource, deletes a CSD group, and all resource definitions in the group, from the CSD.

Issuing the **REMOVE** command against the CSDGROUP resource is equivalent to issuing a CEDA DELETE GROUP(*group_name*) ALL(*) command.

The **REMOVE** command contains the following parameter:

LISTREMOVE

This parameter is optional.

Specifies that the CSD group is to be removed from all CSD lists.

Parameters for installing CICS definitions using BAS

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

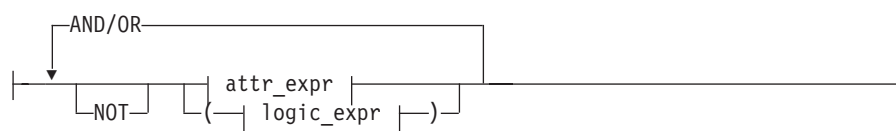
(Optional) When installing a resource group, identify attributes that are to be used in selecting the resources to be installed. CICSplex SM processes only those resources that meet the specified filter criteria.

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 it already exists. YES is the default.

If you specify NO, the definition will be installed anywhere it does not currently exist. CICSplex SM checks to see if the resource is currently installed 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 22.) 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 REMOTE is specified in the Usage field, you can identify how the program is to be routed:

DYNAM

Programs are processed by the dynamic routing program (DTR).

STAT Programs are sent to the remote CICS system identified in the Related Scope

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 22.) 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 22.) 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:

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

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 is checked before an EXEC CICS CREATE command is issued. If you specify YES and one or more resources are not in the required state, the **EXEC CICS CREATE COMMAND** is not issued for any of the selected resources. FORCEINS and STATECHK parameters must both be set to YES for the check to be carried out.

TARGET

(Required except when installing a RESGROUP with the assignment parameter. See “Installing a RESGROUP when ASSIGNMENT is specified” on page 22.) 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 22.) 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 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. The information for a resource table is presented in a set of tables that describe the resource as a whole and the individual attributes of the resource table.

Resource table definition

The first table 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.

External resource name

An external name used for referencing 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.

CICS Management Client Interface

It can be referenced from the CICS Management Client Interface.

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
- CICSplex SM Definition
- CICSplex SM Configuration
- CICSplex SM Manager

- CICSplex SM MetaData
- CICSplex SM 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.

Valid CICS Management Client HTTP methods

Identifies which standard HTTP methods (DELETE, GET, POST, or PUT) 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 TS 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

E660 CICS TS for z/OS Version 4 Release 1

E670 CICS TS for z/OS Version 4 Release 2

E680 CICS TS for z/OS Version 5 Release 1

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 and values that can appear in the FEEDBACK resource table when an error occurs for this object.

Resource table attribute definitions

The second table 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 described 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 z 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. For Assembler and COBOL resource tables, the CPSM translator generates a single doubleword (8 bytes) sized field definition. However, for PL/I and C resource tables a two-fullword array is generated for the DATETIME fields.

DECDATE

Date. Maintained internally as a 4-byte packed decimal field of the form 0CYYDDD+ 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 HHMMSSt+ 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 Clocks and time stamps in Reference -> Monitoring.

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 Clocks and time stamps in Reference -> Monitoring.

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 by specifying a summary expression on the SUMOPT option of the GROUP command. The following summary options can be specified on the GROUP command:

Keyword

Description

AVG

Average of values

DIF

Different character pattern

LIKE

Like values

MIN

Minimum value

MAX

Maximum value

SUM

Sum of values

CICSplex SM notifications and the OBJSTAT resource table do not participate in summary operations. See Developing CICSplex SM applications in Developing system programs 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 2.2

E630 CICS TS for z/OS, Version 2.3

E640 CICS TS for z/OS, Version 3.1

E650 CICS TS for z/OS, Version 3.2

E660 CICS TS for z/OS, Version 4.1

E670 CICS TS for z/OS, Version 4.2

E680 CICS TS for z/OS, Version 5.1

In addition, you might also see the release followed by PLUS; that is, E620PLUS, E630PLUS, E640PLUS, E650PLUS, E660PLUS, E670PLUS, or E680PLUS. This syntax means that the field is not valid for the specified release and all later releases.

Default

For CPSM Definition objects, the default value assumed for the attribute. 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).

CICSplex SM resource table descriptions - A to L

The CICSplex SM resource table descriptions are listed in alphabetic order from A to L. Each resource description includes the external resource name, the list of valid API operations, the valid CMCI HTTP methods, the error codes, and the resource attributes.

To look up resource tables from M to Z, see CICSplex SM resource tables overview in Reference.

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

CICSRTAAActionDefinition

Length

296

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt2812

Table 10. Valid CPSM operations

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

Table 11. ACTION FEEDBACK error codes

Value	Code	Description
1	ACTION_INV_DATA	Attribute data invalid

Table 11. ACTION FEEDBACK error codes (continued)

Value	Code	Description
2	ACTION_REC_NOT_FOUND	Requested resource not found
4	ACTION_REC_EXISTS	Resource already exists
5	ACTION_REC_CHANGED	Resource definition already changed
6	ACTION_INV_RESTYPE	Invalid resource type
7	ACTION_INV_VER	Invalid resource version
8	ACTION_NETVIEW_NOT_FOUND	Netview CMAS not found

Table 12. 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
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			23
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			26
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification userid			25
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			24
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
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSAutoInstallModel

Length

24

Usage API or WUI or CICS Management Client Interface

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0054

Table 13. Valid CPSM operations

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

Table 14. 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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 **Secondary** key field for this resource class is CMAS.

The **Tertiary** key field for this resource class is DEFNAME.

The **Fourth** key field for this resource class is SCOPE.

The **Fifth** key field for this resource class is ACTIVETIME.

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

CICSActiveAnalysisPoint

Length

80

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2528

Table 15. Valid CPSM operations

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

Table 15. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	DEACTIVATE	None	N/A

Table 16. APACTV FEEDBACK error codes

Value	Code	Description
1	APACTV_INV_DATA	Attribute data invalid
21	APACTV_DEACT_NOT_ALLOWED	Deactivate not allowed
22	APACTV_NOT_FOUND	Not found
23	APACTV_SCOPE_NOT_FOUND	Scope not found
24	APACTV_SPEC_NOT_ACTIVE	Specification not active
25	APACTV_NOT_SPECIFIED	Not specified

Table 17. 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
ACTIVTIME-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						

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

APPLCTN Resource Table

An instance of an application that is running in a platform.

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

The **Secondary** key field for this resource class is MAJORVERSION.

The **Tertiary** key field for this resource class is MINORVERSION.

The **Fourth** key field for this resource class is MICROVERSION.

The **Fifth** key field for this resource class is PLATDEF.

The following actions are supported:

AVAILABLE

Make the application available to callers through its application entry points.

ENABLE

Enable an application.

DISABLE

Disable an application.

DISCARD

Remove an application from the platform.

GET Retrieve information about an application.

UNAVAILABLE

Make the application unavailable to callers through its application entry points.

External resource name

CICSApplication

Length

912

Usage API or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt3522

Table 18. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM	DISCARD	None	N/A
SET	ENABLE	None	N/A
	DISABLE	None	N/A
	AVAILABLE	None	N/A
	UNAVAILABLE	None	N/A

Table 19. APPLCTN FEEDBACK error codes

Value	Code	Description
1	APPLCTN_REC_NOT_FOUND	Application not found
2	APPLCTN_DISABLED_SOME_BUNDLES	CICS bundles were not disabled in some regions

Table 19. APPLCTN FEEDBACK error codes (continued)

Value	Code	Description
3	APPLCTN_DISCARDED_SOME_BUNDLES	CICS bundles were not discarded in some regions
4	APPLCTN_DISCARDED_NO_BUNDLES	CICS bundles were not discarded in any regions
5	APPLCTN_ENABLED_SOME_BUNDLES	CICS bundles were not enabled in some regions
6	APPLCTN_ENABLED_NO_BUNDLES	CICS bundles were not enabled in any regions
7	APPLCTN_DISABLED_NO_BUNDLES	CICS bundles were not disabled in any regions
8	APPLCTN_STATUS_CHANGING	The application status is changing due to another action or event.
9	APPLCTN_NOT_DISABLED	The application is not in a DISABLED state
10	APPLCTN_BUSY	Application is busy for another action
11	APPLCTN_AVAILABLE_NO_BUNDLES	CICS bundles were not made available in any regions
12	APPLCTN_AVAILABLE_SOME_BUNDLES	CICS bundles were not made available in some regions
13	APPLCTN_UNAVAIL_NO_BUNDLES	CICS bundles were not made unavailable in any regions
14	APPLCTN_UNAVAIL_SOME_BUNDLES	CICS bundles were not made unavailable in some regions
15	APPLCTN_NOT_UNAVAILABLE	The application is still available
16	APPLCTN_NOT_ENABLED	The application is not in an ENABLED state

Table 20. APPLCTN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
APPLDEF-1	CHAR	CPSM	8	DIFF	Yes	Application definition		4
APPLDIR	CHAR	CPSM	255	DIFF	Yes	Name of the application directory on zFS		10
APPLICATION	CHAR	CPSM	64	DIFF	Yes	Application		5
AVAILSTATUS	EYUDA	CPSM	4	LIKE	No	Availability status		25
AVAILSTATUS Output valid values	AVAILABLE, UNAVAILABLE, SOMEAVAIL, NONE							
BINDDIR	CHAR	CPSM	255	DIFF	Yes	Name of the binding directory on zFS		22
CHANGEAGENT	CVDAS	CPSM	4	LIKE	No	Last modification agent		16
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	DIFF	No	Last modification agent release		19
CHANGETIME	DATETIME	CPSM	8	MAX	No	Last modification		15
CHANGEUSRID	CHAR	CPSM	8	DIFF	No	Last modification user ID		18
CREATETIME	DATETIME	CPSM	8	MAX	No	Time created		17
DESCCODEPAGE	BINARY	CPSM	4	MAX	No	Description code page	37	12
DESCRIPTION	CHAR	CPSM	255	DIFF	Yes	Description of this application		11
ENABLESTATUS	EYUDA	CPSM	4	LIKE	No	Enable status		14
ENABLESTATUS Output valid values	ENABLED, DISABLED, INCOMPLETE, ENABLING, DISABLING, EMPTY, SOMEDISABLED, INSTALLING, DISCARDING, FAILED							
MAJORVERSION-2	BINARY	CPSM	4	MAX	Yes	Major version		6
MICROVERSION-4	BINARY	CPSM	4	MAX	Yes	Micro version		8

Table 20. APPLCTN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
MINORVERSION-3	BINARY	CPSM	4	MAX	Yes	Minor version		7
PLATDEF-5	CHAR	CPSM	8	DIFF	Yes	Platform definition		9

APPLDEF Resource Table

This CICS resource object provides the structure and contents of an APPLCTN resource.

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

The **Secondary** key field for this resource class is MAJORVERSION.

The **Tertiary** key field for this resource class is MINORVERSION.

The **Fourth** key field for this resource class is MICROVERSION.

The **Fifth** key field for this resource class is PLATDEF.

The following actions are supported:

INSTALL

Deploy an APPLDEF resource into the CICSplex.

External resource name

CICSApplicationDefinition

Length

640

Usage API or Batch Utility or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt3524

Table 21. Valid CPSM operations

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

Table 22. APPLDEF FEEDBACK error codes

Value	Code	Description
1	APPLDEF_APPLCTN_INSTALLED	Application is already installed
2	APPLDEF_RESTYPE_INVALID	Invalid resource type
3	APPLDEF_REC_NOT_FOUND	Application definition not found
4	APPLDEF_DATA_INVALID	Attribute data invalid
5	APPLDEF_CONTEXT_INVALID	CICSplex not found
6	APPLDEF_RECORD_INVALID	Invalid record
7	APPLDEF_INV_ACTION	Invalid action
8	APPLDEF_APPLDEF_INVALID	Invalid application definition name
9	APPLDEF_INSTALLED_SOME_BUNDLES	CICS bundles were not installed in some regions
10	APPLDEF_INSTALLED_NO_BUNDLES	CICS bundles were not installed in any regions
11	APPLDEF_BUNDLE_FILE_NOT_AUTH	User ID not authorized to access zFS file
12	APPLDEF_NOT_FOUND_BUNDLE_FILE	Application or binding bundle file not found
13	APPLDEF_XML_IN_BUNDLE_INVALID	Invalid XML in Application or binding bundle
14	APPLDEF_PLATFORM_NOT_FOUND	Target platform not found
15	APPLDEF_INV_RESTYPE	Invalid resource type
16	APPLDEF_PLATDEF_INVALID	Invalid platform definition name
17	APPLDEF_MAJORVERSION_INVALID	Invalid major version
18	APPLDEF_MINORVERSION_INVALID	Invalid minor version
19	APPLDEF_MICROVERSION_INVALID	Invalid micro version
20	APPLDEF_VERSION_MISMATCH	APPLDEF and application versions differ
21	APPLDEF_REC_EXISTS	Application definition already exists
22	APPLDEF_RGNTYPE_NOT_FOUND	A region type in the binding could not be found
23	APPLDEF_REC_CHANGED	Resource definition already changed
24	APPLDEF_INSTALL_FAILED	APPLDEF install failed
25	APPLDEF_APPLCTN_BUSY	Application is busy for another action

Table 23. APPLDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
APPLDIR	CHAR	CPSM	255	Yes	DIFF	Yes	Application directory on the zFS			9
BINDDIR	CHAR	CPSM	255	Yes	DIFF	Yes	Binding bundle directory on the zFS			14
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			127
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			130
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			129
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			128
DESCCODEPAGE	BINARY	CPSM	4	No	MAX	Yes	Description code page	37	0-99999999	7
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Yes	Description			6
MAJORVERSION-2	BINARY	CPSM	4	Yes	MAX	Yes	Application Major Version			11
MICROVERSION-4	BINARY	CPSM	4	Yes	MAX	Yes	Application Micro Version			13

Table 23. APPLDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
MINORVERSION-3	BINARY	CPSM	4	Yes	MAX	Yes	Application Minor Version			12
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Application definition			5
PLATDEF-5	CHAR	CPSM	8	Yes	DIFF	Yes	Platform definition			8

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

CICSActiveAnalysisPointSpecification

Length

112

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt3515

Table 24. Valid CPSM operations

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

Table 25. APSPEC FEEDBACK error codes

Value	Code	Description
1	APSPEC_INV_DATA	Attribute data invalid
2	APSPEC_REC_NOT_FOUND	Requested resource not found
3	APSPEC_INV_REFERENCE	Does not exist
4	APSPEC_REC_EXISTS	Resource already exists
5	APSPEC_REC_CHANGED	Attempt to update changed definition
6	APSPEC_INV_RESTYPE	Invalid resource type

Table 25. APSPEC FEEDBACK error codes (continued)

Value	Code	Description
7	APSPEC_INV_VER	Invalid resource version
21	APSPEC_CMAS_NOT_UNIQU	Not unique
22	APSPEC_DUP_ASSOCIATIO	Duplicate association

Table 26. APSPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			8
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			9
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 27. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 28. ASYNCREQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ATTRDATAVAL	CHAR	CPSM	1	LIKE	Attribute data available	8
ATTRDATAVAL Input/output valid values	Y (YES) - Attribute Ids valid, N (NO) - No Attribute Id data					
ATTR_DTYP1	BINARY	CPSM	1	LIKE	Attribute datatype	21
ATTR_DTYP1 Input/output valid values	0 (COMP) - Component Identifier, 4 (BIN) - Binary Numeric, 8 (RATE) - Binary Derived Rate, 12 (PER) - Binary Derived Percent, 16 (SUM) - Binary Derived Sum, 20 (RATO) - Binary Derived Ratio, 24 (AVG) - Binary Derived Average, 28 (TSTP) - System/390 Timestamp, 32 (BIT) - Bit, 36 (TEXT) - Text Unknown Length, 40 (CHAR) - Character, 44 (EYUD) - EYUDA, 48 (CVDS) - CVDA Standard, 52 (CVDT) - CVDA Terminal, 56 (REST) - Resource Type, 60 (PACK) - Packed Decimal, 64 (DATE) - Date, 68 (ILBL) - Internal Label Field, 72 (HHMM) - Binary HHMM, 76 (SCLK) - Interval Store Clock, 80 (IUSC) - Interval Microseconds, 84 (IMSC) - Interval Milliseconds, 88 (16US) - Interval 16 Microseconds, 92 (ISEC) - Interval Seconds, 96 (IUSS) - Interval Store Clock Delta, 100 (DTGP) - Date Time Group, 104 (DECT) - Packed Decimal Timestamp, 108 (ADDR) - Address, 112 (CNUM) - Coded Numeric, 116 (HCHR) - Non Display Character, 120 (HEX) - Hexadecimal, 124 (TBLV) - Table version, 128 (RAT3) - Binary derived rate 3DP, 132 (PER3) - Binary derived percent 3DP, 136 (SUM3) - Binary derived sum 3DP, 140 (AVG3) - Binary derived average 3DP, 144 (DECS) - Packed Decimal Time - No Tenths, 152 (SC12) - Interval Store Clock Length 12					
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
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 available	9
CEIBDATAVAL Input/output valid values	Y (YES) - EIB data valid, N (NO) - No EIB data					
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 code	7

Table 28. ASYNCREQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
COMMAND Input/output valid values	1 (NOOP) - NOOP, 2 (CANCEL) - Cancel, 3 (CONNECT) - Connect, 4 (COPY) - Copy, 5 (CREATE) - Create, 6 (DELETE) - Delete, 7 (DISCARD) - Discard, 8 (DISCONN) - Disconnect, 9 (FETCH) - Fetch, 10 (GET) - Get, 11 (LOCATE) - Locate, 12 (MARK) - Mark, 13 (ORDER) - Order by, 14 (PERFSET) - Perform Set, 15 (PERFOBJ) - Perform Object, 16 (QUALIFY) - Qualify, 17 (QUERY) - Query, 18 (RECEIVE) - Receive, 19 (REMOVE) - Remove, 20 (FILTER) - Specify Filter, 21 (UNMARK) - Unmark, 22 (ADDRESS) - Address, 23 (GETDEF) - Getdef, 24 (LISTEN) - Listen, 25 (REFRESH) - Refresh, 26 (SET) - Set, 27 (VIEW) - Specify View, 28 (TERM) - Terminate, 29 (TRANS) - Translate, 30 (GROUP) - Group by, 31 (UPDATE) - Update					
COUNT	BINARY	CPSM	4	LIKE	GET COUNT() value	47
CSDAPI	CHAR	CPSM	1	LIKE	CSD API	48
CSDAPI Input/output valid values	Y (YES) - CSD API related request, N (NO) - non-CSD API related request					
DIAGNOSTIC	BINARY	CPSM	32	LIKE	Internal diagnostic data	46
ERRCODEVAL	CHAR	CPSM	1	LIKE	Error code available	10
ERRCODEVAL Input/output valid values	Y (YES) - Error Code valid, N (NO) - No Error Code Data					
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ATMINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of an Atom service, feed, collection, or category document definition (ATOMDEF) in a resource group (RESGROUP). An ATOMDEF can be a member of multiple RESGROUPs.

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

The **Secondary** key field for this resource class is ATMNAME.

The **Tertiary** key field for this resource class is ATMVER.

There are no object specific actions for this resource class.

External resource name

Length

56

Usage API or Batch Utility or WUI

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6183

Table 29. Valid CPSM operations

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

Table 30. ATMINGRP FEEDBACK error codes

Value	Code	Description
1	ATMINGRP_INV_DATA	Attribute data invalid
2	ATMINGRP_REC_NOT_FOUND	Requested resource not found
4	ATMINGRP_REC_EXISTS	Resource already exists
6	ATMINGRP_INV_RESTYPE	Invalid resource type
7	ATMINGRP_INV_VER	Invalid resource version
11	ATMINGRP_NON_MP	Maintenance point CMAS not available
12	ATMINGRP_INV_CONTEXT	Context not found
21	ATMINGRP_INCONSISTENT_SET	Inconsistent set
22	ATMINGRP_DIFF_VERSION	Different version
23	ATMINGRP_INV_NAME	Invalid name
24	ATMINGRP_INV_MINNAME	Invalid minor name

Table 31. ATMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
ATMGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
ATMNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	AtomService definition name	6
ATMVER-3	BINARY	CPSM	1	Yes	AVG	Yes	AtomService definition version	7
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ATOMDEF Resource Table

A CICS Definition that describes an Atom service, feed, collection, or category document served by CICS.

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

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

DISCARD

Discard an Atom service, feed, collection, or category document definition.

INSTALL

Install an Atom service, feed, collection, or category document definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS definitions using BAS” on page 17.

External resource name

CICSDefinitionAtomService

Length

680

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3838

Table 32. Valid CPSM operations

Operations	Actions	Parameters	Required
GET	INSTALL	CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM		FORCEINS(YES, NO)	No
SET			
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No

Table 32. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		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
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 33. ATOMDEF FEEDBACK error codes

Value	Code	Description
1	ATOMDEF_INV_DATA	Attribute data invalid
2	ATOMDEF_REC_NOT_FOUND	Requested resource not found
4	ATOMDEF_REC_EXISTS	Resource already exists
5	ATOMDEF_REC_CHANGED	Resource definition already changed
6	ATOMDEF_INV_RESTYPE	Invalid resource type
7	ATOMDEF_INV_VER	Invalid resource version
11	ATOMDEF_NON_MP	Maintenance point CMAS not available
12	ATOMDEF_INV_CONTEXT	Context not found
13	ATOMDEF_INCONSISTENT_SET	Inconsistent set condition
14	ATOMDEF_INV_RESGROUP	Resource group not found
21	ATOMDEF_INV_ACTION	Invalid action
22	ATOMDEF_INV_RECADDR	Invalid record address
23	ATOMDEF_INV_RECLEN	Invalid record length
24	ATOMDEF_DIFF_VERSION	Different version
25	ATOMDEF_EARLY_NAMELIST_END	Early name list end
26	ATOMDEF_INV_NAMELIST	Invalid name list
27	ATOMDEF_INV_NAME	Invalid name
28	ATOMDEF_INV_MINNAME	Invalid minor name
29	ATOMDEF_NOTIFY	Notify
30	ATOMDEF_PARTIAL_INSTALL	Partial install
31	ATOMDEF_NOTHING_INSTALLED	Nothing installed
32	ATOMDEF_NO_TARGETS	No targets
33	ATOMDEF_NO_RELATED	No related systems
34	ATOMDEF_INV_TSCOPE	Invalid target scope
35	ATOMDEF_INV_RSCOPE	Invalid related scope
36	ATOMDEF_INV_USAGE	Invalid usage
37	ATOMDEF_INV_MODE	Invalid mode
38	ATOMDEF_INV_STATECHK	Invalid state check
39	ATOMDEF_INV_FORCEINS	Invalid force install
40	ATOMDEF_INV_NOTIFY	Invalid notify
41	ATOMDEF_INV_OVERTYPE	Invalid over type
42	ATOMDEF_INV_OVRBLOCK	Invalid override block
43	ATOMDEF_INV_ORSTRING	Invalid override string
44	ATOMDEF_INV_STRNGTERM	Invalid string term
45	ATOMDEF_INV_EMBEDTERM	Invalid embedded terminator
46	ATOMDEF_INV_ATTRIBUTE	Invalid attribute
47	ATOMDEF_INV_LITERAL	Invalid literal

Table 33. ATOMDEF FEEDBACK error codes (continued)

Value	Code	Description
48	ATOMDEF_INV_ORSTGNA	Invalid override string
49	ATOMDEF_SCOPE_REQUIRED	Scope required
50	ATOMDEF_USAGE_CONFLICT	Usage conflict
51	ATOMDEF_NODEFS_SELECTED	No definitions selected
52	ATOMDEF_MORE_THAN_1_RELSYS	More than one related system
53	ATOMDEF_MISSING_RELSYSID	Missing related system identifier
54	ATOMDEF_SCOPE_CONFLICT	Scope conflict
56	ATOMDEF_BAD_BINDCONFLICT	Bindfile option conflicts with Atomtype option.
57	ATOMDEF_BAD_BINDSETCONFLICT	Bindfile should not be set with this Atomtype option.
58	ATOMDEF_BAD_RTYPECONFLICT	Resource type option conflicts with Atomtype option.
59	ATOMDEF_BAD_RTYPESETCONFLICT	Resource type should not be with this Atomtype option.
60	ATOMDEF_BAD_RNAMECONFLICT	Resource name option conflicts with Atomtype option.
61	ATOMDEF_BAD_RNAMESETCONFLICT	Resource name should not be set with this Atomtype option.
62	ATOMDEF_INVALID_CONFIGFILE	Configfile invalid.
63	ATOMDEF_INV_CSDGROUP	Invalid CSD group
64	ATOMDEF_REC_NOT_REMOVED	Record not removed
65	ATOMDEF_INV_RESOURCE	Invalid resource
66	ATOMDEF_INV_CICS_RESTYPE	Invalid CICS restype
67	ATOMDEF_PARTIAL_ACTION	Partial action
68	ATOMDEF_NOTHING_ACTIONED	Nothing actioned
69	ATOMDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
70	ATOMDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
71	ATOMDEF_BAD_RESNAMELEN	Resource name is too long for the Resource type specified.
72	ATOMDEF_CSD_ERROR	CSD access error

Table 34. ATOMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ATOMTYPE	CVDAS	CPSM	4	Yes	MIN	No	Atomtype	FEED			14
ATOMTYPE Input/output valid values	FEED, SERVICE, COLLECTION, CATEGORY										
BINDFILE	CHAR	CPSM	255	No	DIFF	No	Bind file name				17
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	4
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	7
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	6
CONFIGFILE	CHAR	CPSM	255	Yes	DIFF	No	Configuration file name				18

Table 34. ATOMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				5
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		24
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				23
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				12
RESOURCENAME	CHAR	CPSM	16	No	DIFF	No	Resource name				16
RESOURCECTYPE	CVDAS	CPSM	4	Yes	LIKE	No	Resource type	NOTAPPLIC			15
RESOURCECTYPE Input/output valid values	FILE, PROGRAM, TSQUEUE, NOTAPPLIC										
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Enabled status	ENABLED			13
STATUS Input/output valid values	ENABLED, DISABLED										
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ATOMSERV Resource Table

A CICS Resource that provides information about Atom service, feed, collection, or category document definitions.

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

The following actions are supported:

DISABLE

Disable program access to the Atom service, feed, collection, or category document definition.

ENABLE

Enable program access to the Atom service, feed, collection, or category document definition.

External resource name

CICSAtomService

Length

696

Usage API or WUI or CICS Management Client Interface or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0180

Table 35. Valid CPSM operations

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

Table 36. ATOMSERY 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			
ATMSRVDELENT	BINARY	STAT	4	AVG	No	Number of DELETE requests to the entry URL			25
ATMSRVGETENT	BINARY	STAT	4	AVG	No	Number of GET requests to the entry URL			23
ATMSRVGETFED	BINARY	STAT	4	AVG	No	Number of GET requests to the feed URL			22
ATMSRVPSTFED	BINARY	STAT	4	AVG	No	Number of POST requests to the feed URL			21
ATMSRVPUTENT	BINARY	STAT	4	AVG	No	Number of PUT requests to the entry URL			24
ATMSRVREFCT	BINARY	STAT	4	AVG	No	Atom Service reference count			19
ATMSRVREFDIS	BINARY	STAT	4	AVG	No	Atom Service reference disabled count			20
ATOMTYPE	CVDAS	CPSM	4	MIN	No	Atomtype			3
ATOMTYPE Input/output valid values	FEED, SERVICE, COLLECTION, CATEGORY								
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0		17
BINDFILE	CHAR	CPSM	255	DIFF	No	Bind file name			7
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent			10
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATSPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release			11
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time			12
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID			9
CONFIGFILE	CHAR	CPSM	255	DIFF	No	Configuration file name			8
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition			13
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time			14

Table 36. ATOMSERV resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
ENABLESTATUS	CVDAS	CPSM	4	LIKE	Yes	Enabled status			2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650 E660	5
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST, BUNDLE								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time			16
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID			15
NAME-1	CHAR	INQ	8	DIFF	Yes	Name			1
RESOURCENAME	CHAR	CPSM	16	DIFF	No	Resource name			6
RESOURCETYPE	CVDAS	CPSM	4	LIKE	No	Resource type			4
RESOURCETYPE Input/output valid values	FILE, PROGRAM, TSQUEUE, NOTAPPLIC								
URIMAPNAME	CHAR	INQ	8	DIFF	No	URIMAP name		E640 E650 E660	28
XMLTRANSNAME	CHAR	INQ	32	DIFF	No	XMLTRANSFORM name		E640 E650 E660	29

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ATTRAVA Resource Table

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

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

The **Secondary** key field for this resource class is TABLEVER.

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

The **Fourth** key field for this resource class is AVAVALUE.

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 37. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 38. 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	9
IOTYPE Input/output valid values	B (B) - INPUT and Output, I (I) - INPUT operation, O (O) - OUTPUT operation						
LISTTYPE	BINARY	CPSM	1	AVG	No	Valid value type	8
LISTTYPE Input/output valid values	1 (AVA) - AVAVALUE is an AVA, 2 (VALUE) - AVAVALUE is a 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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ATTR Resource Table

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

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

The **Secondary** key field for this resource class is TABLEVER.

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

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 39. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 40. ATTR resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
AVAAVAIL	CHAR	CPSM	1	DIFF	No	AVA set available	17
AVAAVAIL Input/output valid values	Y (YES) - Value assertions, N (NO) - No values						
AVACOUNT	BINARY	CPSM	1	AVG	No	Number of AVAs present	23
CICSSETAVAIL	CHAR	CPSM	1	DIFF	No	CICS set validity available	48
CICSSETAVAIL Input/output valid values	Y (YES) - CICS Set Validity data present, N (NO) - No CICS Set Validity data						
CICSVALAVAIL	CHAR	CPSM	1	DIFF	No	CICS validity data available	18
CICSVALAVAIL Input/output valid values	Y (YES) - CICS Validity active, N (NO) - No CICS Validity data						
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 filtering	50
FILTER Input/output valid values	Y (YES) - Filter by field allowed, N (NO) - Filter by field not allowed						
HDRTEXT	CHAR	CPSM	30	DIFF	No	Attribute header text	44
HDRTXTAVAIL	CHAR	CPSM	1	DIFF	No	Header text available	19
HDRTXTAVAIL Input/output valid values	Y (YES) - Header data active, N (NO) - No header data						
HIGHVALUE	CHAR	CPSM	16	DIFF	No	Highest valid value	43
ID	BINARY	CPSM	2	LIKE	No	Attribute id	57
IDATYPE	BINARY	CPSM	1	LIKE	No	Reserved	54
IDATYPE Input/output valid values	0 (COMP) - Component Identifier, 4 (BIN) - Binary Numeric, 8 (RATE) - Binary Derived Rate, 12 (PER) - Binary Derived Percent, 16 (SUM) - Binary Derived Sum, 20 (RATO) - Binary Derived Ratio, 24 (AVG) - Binary Derived Average, 28 (TSTP) - System/370 Timestamp, 32 (BIT) - Bit, 36 (TEXT) - Text, 40 (CHAR) - Character, 44 (EYUD) - EYUDA, 48 (CVDS) - CVDA Standard, 52 (CVDT) - CVDA Terminal, 56 (REST) - Resource Type, 60 (PACK) - Packed Decimal, 64 (DATE) - Date, 68 (ILBL) - Internal Label Field, 72 (HHMM) - Binary HHMM, 76 (SCLK) - Interval Store Clock, 80 (IUSC) - Interval Microseconds, 84 (IMSC) - Interval Milliseconds, 88 (16US) - Interval 16 Microseconds, 92 (ISEC) - Interval Seconds, 96 (IUSS) - Interval Store Clock delta, 100 (DTGP) - Date Time Group, 104 (DECT) - Packed Decimal Timestamp, 108 (ADDR) - Address, 112 (CNUM) - Coded Numeric, 116 (HCHR) - Non Display Character, 120 (HEX) - Hexadecimal, 124 (TVER) - Table version, 128 (RAT3) - Binary derived rate 3DP, 132 (PER3) - Binary derived percent 3DP, 136 (SUM3) - Binary derived sum 3DP, 140 (AVG3) - Binary derived average 3DP, 144 (DECS) - Packed Decimal Time - No Tenths, 152 (SC12) - Interval Store Clock Length 12, 156 (BITS) - String of bit flags						
IGNVALUE	CHAR	CPSM	16	DIFF	No	Ignore value	41
INHERIT	CHAR	CPSM	1	DIFF	No	Attribute may participate in inheritance	53
INHERIT Input/output valid values	Y (YES) - Inherit supported, N (NO) - Inherit not supported						
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

Table 40. ATTR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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	58
PICKLIST Input/output valid values	Y (YES) - Picklist supported, N (NO) - Picklist not supported						
REQUIRED	CHAR	CPSM	1	DIFF	No	Attribute is required	16
REQUIRED Input/output valid values	Y (YES) - Required for Create, N (NO) - Optional on Create						
SETCICSES2	BIT	CPSM	1	LIKE	No	Not modifiable in CICS/ESA byte 2	56
SETCICSES2 Input/output valid values	128 (E630) - CICS for MVS/ESA 630, 64 (E640) - CICS for MVS/ESA 640, 32 (E650) - CICS for MVS/ESA 650, 16 (E660) - CICS for MVS/ESA 660, 8 (E670) - CICS for MVS/ESA 670, 4 (E680) - CICS for MVS/ESA 680, 2 (E690) - CICS for MVS/ESA 690						
SETCICSESA	BIT	CPSM	1	LIKE	No	Not modifiable in CICS/ESA	33
SETCICSESA Input/output valid values	128 (M212) - CICS/MVS 212, 64 (E330) - CICS/ESA 330, 32 (E410) - CICS/ESA 410, 16 (E510) - CICS for MVS/ESA 510, 8 (E520) - CICS for MVS/ESA 520, 4 (E530) - CICS for MVS/ESA 530, 2 (E610) - CICS for MVS/ESA 610, 1 (E620) - CICS for MVS/ESA 620						
SETCICSOS2	BIT	CPSM	1	LIKE	No	Not modifiable in CICS OS/2	35
SETCICSOS2 Input/output valid values	128 (O201) - CICS OS/2 201, 64 (O300) - CICS OS/2 300, 32 (O311) - CICS OS/2 310						
SETCICSVSE	BIT	CPSM	1	LIKE	No	Not modifiable in CICS/VSE	34
SETCICSVSE Input/output valid values	128 (V220) - CICS/VSE 220, 64 (V230) - CICS/VSE 230, 32 (V410) - CICS/VSE 410						
SETCICSWNT	BIT	CPSM	1	LIKE	No	Not modifiable in CICS for Windows	38
SETCICSWNT Input/output valid values	128 (N430) - CICS for Windows 430, 64 (N500) - CICS for Windows 500						
SETVALID	CHAR	CPSM	1	DIFF	No	Attribute may be set	15
SETVALID Input/output valid values	Y (YES) - Value may be modified, N (NO) - No modification						
SORT	CHAR	CPSM	1	DIFF	No	Attribute eligible for sorting	49
SORT Input/output valid values	Y (YES) - Sort by field allowed, N (NO) - Sort by field not allowed						
SOURCE	CHAR	CPSM	1	DIFF	No	Source of attribute	21
SUMMARIZE	CHAR	CPSM	1	DIFF	No	Attribute eligible for grouping	51
SUMMARIZE Input/output valid values	Y (YES) - Group by field allowed, N (NO) - Group by field not allowed						
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 values	47
UCHAR Input/output valid values	Y (YES) - Uppercase characters, N (NO) - Do not uppercase characters						
VALCICSES2	BIT	CPSM	1	LIKE	No	Not valid in CICS/ESA byte 2	55
VALCICSES2 Input/output valid values	128 (E630) - CICS for MVS/ESA 630, 64 (E640) - CICS for MVS/ESA 640, 32 (E650) - CICS for MVS/ESA 650, 16 (E660) - CICS for MVS/ESA 660, 8 (E670) - CICS for MVS/ESA 670, 4 (E680) - CICS for MVS/ESA 680, 2 (E690) - CICS for MVS/ESA 690						
VALCICSESA	BIT	CPSM	1	LIKE	No	Not valid in CICS/ESA	25
VALCICSESA Input/output valid values	128 (M212) - CICS/MVS 212, 64 (E330) - CICS/ESA 330, 32 (E410) - CICS/ESA 410, 16 (E510) - CICS for MVS/ESA 510, 8 (E520) - CICS for MVS/ESA 520, 4 (E530) - CICS for MVS/ESA 530, 2 (E610) - CICS for MVS/ESA 610, 1 (E620) - CICS for MVS/ESA 620						
VALCICSOS2	BIT	CPSM	1	LIKE	No	Not valid in CICS OS/2	27
VALCICSOS2 Input/output valid values	128 (O201) - CICS OS/2 201, 64 (O300) - CICS OS/2 300, 32 (O311) - CICS OS/2 310						
VALCICSVSE	BIT	CPSM	1	LIKE	No	Not valid in CICS/VSE	26
VALCICSVSE Input/output valid values	128 (V220) - CICS/VSE 220, 64 (V230) - CICS/VSE 230, 32 (V410) - CICS/VSE 410						
VALCICSWNT	BIT	CPSM	1	LIKE	No	Not valid in CICS for Windows	30

Table 40. ATTR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
VALCICSWNT Input/output valid values	128 (N430) - CICS for Windows 430, 64 (N500) - CICS for Windows 500						
VALCOUNT	BINARY	CPSM	1	AVG	No	Number of values present	24
VALSETAVAIL	CHAR	CPSM	1	DIFF	No	Value set available	20
VALSETAVAIL Input/output valid values	Y (YES) - Value set active, N (NO) - No value set						
VIEWMOD	CHAR	CPSM	1	DIFF	No	Attribute may appear in a view	52
VIEWMOD Input/output valid values	Y (YES) - SPECIFY VIEW allowed, N (NO) - SPECIFY VIEW not allowed						

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

BATCHREP Resource Table

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

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

The **Secondary** key field for this resource class is INPUTMEMBER.

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

CICSBatchrepRequest

Length

80

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

Yes

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2554

Table 41. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		INPUTDSN(value)	No
		INPUTMEMBER(value)	No
PERFORM	CHECK	INPUTDSN(value)	Yes
SET		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 42. BATCHREP FEEDBACK error codes

Value	Code	Description
1	BATCHREP_DUPLICATE_REQUEST	Duplicate request for this input data set and member
2	BATCHREP_STORAGE_FAILURE	Failure to obtain storage for job
3	BATCHREP_PRINT_FAILURE	Failure during print processing
4	BATCHREP_INPUT_SEC_VIOLATION	Security violation with input data set
5	BATCHREP_SPOOL_UNAVAILABLE	Spool found to be not available
6	BATCHREP_DATASET_NOT_FOUND	Input data set not found
7	BATCHREP_OUTPUT_SEC_VIOLATION	Security violation with output data set
8	BATCHREP_PRINTNODE_NOT_FOUND	Print node is required but not specified
9	BATCHREP_OUTPUTUSER_NOT_FOUND	Output user is required but not specified
10	BATCHREP_INV_INPUTMEMBER	Invalid input member
11	BATCHREP_INV_INPUTDSN	Invalid input data set name
12	BATCHREP_INV_PRINTCLASS	Invalid output class
13	BATCHREP_INV_PRINTNODE	Invalid print node
14	BATCHREP_INV_OUTPUTUSER	Invalid destination user ID

Table 43. 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 user ID		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							

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is CANDNAME.

The **Tertiary** key field for this resource class is CANDVER.

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 44. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 45. 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
CMASNAME	CHAR	CPSM	8	LIKE	No	CMAS name	4
ERROP	BINARY	CPSM	1	LIKE	No	Error operation	8
ERROP Input/output valid values	1 (ADDSYS) - Add System to System Group, 2 (ADDTOGRP) - Add Definition to Group, 3 (UPDINGRP) - Update Definition in Group, 4 (ADDRASI) - Add RASINDSC, 5 (ADDRESI) - Add RESINDSC, 6 (UPDRASG) - Update RASGNDEF, 7 (UPDRASI) - Update RASINDSC, 8 (UPDRESI) - Update RESDESC Install Scope, 9 (UPDRDSC) - Update RESDESC						
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						

Table 45. BINCONRS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is RELSCOPE.

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 46. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 47. 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 code	7
ERRCODE Input/output valid values	1 (SAMESCP) - Target/Related scopes are same, 2 (TRGINREL) - Target Scope is in Related, 3 (RELINTRG) - Related Scope is in Target, 4 (SYSNBOTH) - CICSNAME in Target and Related, 5 (MULTREL) - Multiple Systems in Related, 6 (RELNOSYS) - Related System has no SYSID						
ERROP	BINARY	CPSM	1	LIKE	No	Error operation	6
ERROP Input/output valid values	1 (ADDRASI) - Add RASINDSC, 2 (UPDRASG) - Update RASGNDEF, 3 (UPDRASI) - Update RASINDSC, 4 (UPDRDSC) - Update RESDESC, 5 (ADDSYS) - Add System to Group						
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is RESNAME.

The **Tertiary** key field for this resource class is RESVER.

The **Fourth** key field for this resource class is RESTYPE.

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 48. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 49. 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 code	10
ERRCODE Input/output valid values	1 (SYSSTATE) - System Inact/Not Cre capable, 2 (INSTNAUT) - Install not authorized, 3 (DSCDNAUT) - Discard not authorized, 4 (INSTFAIL) - Install failure, 5 (DSCDFAIL) - Install discard failure, 6 (INSTCPFL) - Install Complete failure, 7 (INSTNCON) - Install Connection failure, 8 (INSTSTAT) - Install status failure, 9 (INSTNSUP) - Install not supported, 10 (FORCENO) - Resource Install negated, 11 (DSCRDERR) - Discard failure, 12 (METHFAIL) - MAS method failure, 13 (NOCREATE) - System not create capable, 14 (RSRCNSUP) - Resource not supported						
PLEXNAME	CHAR	CPSM	8	LIKE	No	CICSplex name	5
RESNAME-2	CHAR	CPSM	8	LIKE	Yes	Resource name	7
RESTYPE-4	RESTYPE	CPSM	2	LIKE	No	Resource type	8
RESVER-3	BINARY	CPSM	1	LIKE	Yes	Resource version number	9

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSBridgeFacility

Length

88

Usage API or WUI or CICS Management Client Interface 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 50. Valid CPSM operations

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

Table 51. 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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

BUNDEF Resource Table

A CICS definition that describes an application bundle.

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

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

CREATE

Create a BUNDLE resource that represents the application bundle in CICS.

INSTALL

Install a BUNDLE resource so that the application bundle is available in CICS.

The parameter data for the INSTALL action is described in “Parameters for installing CICS definitions using BAS” on page 17

External resource name

CICSDefinitionBundle

Length

656

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3839

Table 52. Valid CPSM operations

Operations	Actions	Parameters	Required
GET	INSTALL	CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
RESGROUP(value)		No	
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM		FORCEINS(YES, NO)	No
SET		MODE(value)	No
	NOTIFY(NO, INACTIVE, RELEASE, FULL)	No	

Table 52. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		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
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 53. BUNDDEF FEEDBACK error codes

Value	Code	Description
1	BUNDDEF_INV_DATA	Attribute data invalid
2	BUNDDEF_REC_NOT_FOUND	Requested resource not found
4	BUNDDEF_REC_EXISTS	Resource already exists
5	BUNDDEF_REC_CHANGED	Resource definition already changed
6	BUNDDEF_INV_RESTYPE	Invalid resource type
7	BUNDDEF_INV_VER	Invalid resource version
11	BUNDDEF_NON_MP	Maintenance point CMAS not available
12	BUNDDEF_INV_CONTEXT	Context not found
13	BUNDDEF_INCONSISTENT_SET	Inconsistent set condition
14	BUNDDEF_INV_RESGROUP	Resource group not found
21	BUNDDEF_INV_ACTION	Invalid action
22	BUNDDEF_INV_RECADDR	Invalid record address
23	BUNDDEF_INV_RECLEN	Invalid record length
24	BUNDDEF_DIFF_VERSION	Different version
25	BUNDDEF_EARLY_NAMELIST_END	Early name list end
26	BUNDDEF_INV_NAMELIST	Invalid name list
27	BUNDDEF_INV_NAME	Invalid name
28	BUNDDEF_INV_MINNAME	Invalid minor name
29	BUNDDEF_NOTIFY	Notify
30	BUNDDEF_PARTIAL_INSTALL	Partial install
31	BUNDDEF_NOTHING_INSTALLED	Nothing installed
32	BUNDDEF_NO_TARGETS	No targets
33	BUNDDEF_NO_RELATED	No related systems
34	BUNDDEF_INV_TSCOPE	Invalid target scope
35	BUNDDEF_INV_RSCOPE	Invalid related scope
36	BUNDDEF_INV_USAGE	Invalid usage
37	BUNDDEF_INV_MODE	Invalid mode
38	BUNDDEF_INV_STATECHK	Invalid state check
39	BUNDDEF_INV_FORCEINS	Invalid force install
40	BUNDDEF_INV_NOTIFY	Invalid notify
41	BUNDDEF_INV_OVERTYPE	Invalid over type
42	BUNDDEF_INV_OVRBLOCK	Invalid override block
43	BUNDDEF_INV_ORSTRING	Invalid override string
44	BUNDDEF_INV_STRNGTERM	Invalid string term
45	BUNDDEF_INV_EMBEDTERM	Invalid embedded terminator
46	BUNDDEF_INV_ATTRIBUTE	Invalid attribute
47	BUNDDEF_INV_LITERAL	Invalid literal

Table 53. BUNDDDEF FEEDBACK error codes (continued)

Value	Code	Description
48	BUNDDDEF_INV_ORSTGNA	Invalid override string
49	BUNDDDEF_SCOPE_REQUIRED	Scope required
50	BUNDDDEF_USAGE_CONFLICT	Usage conflict
51	BUNDDDEF_NODEFS_SELECTED	No definitions selected
52	BUNDDDEF_MORE_THAN_1_RELSYS	More than one related system
53	BUNDDDEF_MISSING_RELSYSID	Missing related system identifier
54	BUNDDDEF_SCOPE_CONFLICT	Scope conflict
55	INVALID_BUNDLE_NAME	Invalid Bundle name.
56	BUNDDDEF_INV_CSDGROUP	Invalid CSD group
57	BUNDDDEF_REC_NOT_REMOVED	Record not removed
58	BUNDDDEF_INV_RESOURCE	Invalid resource
59	BUNDDDEF_INV_CICS_RESTYPE	Invalid CICS restype
60	BUNDDDEF_PARTIAL_ACTION	Partial action
61	BUNDDDEF_NOTHING_ACTIONED	Nothing actioned
62	BUNDDDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
63	BUNDDDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
64	BUNDDDEF_CSD_ERROR	CSD access error

Table 54. BUNDDDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
BASESCOPE	CHAR	CPSM	255	No	DIFF	No	BASESCOPE				20
BUNDLEDIR	CHAR	CPSM	255	Yes	DIFF	No	Name of the BUNDLE directory on zFS				19
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	4
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	7
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	6
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				5
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	21
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		16
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				18
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				12
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Enabled Status	ENABLED			17
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

BUNDLE Resource Table

A CICS resource that provides information about an application bundle.

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

The following actions are supported:

AVAILABLE

Make the application available to callers through its application entry points.

DISABLE

Disable the BUNDLE resource so that the application that is deployed as a bundle is no longer available.

DISCARD

Discard the BUNDLE resource definition. The resource must be disabled.

ENABLE

Enable the BUNDLE resource so that the application is available in CICS.

UNAVAILABLE

Make the application unavailable to callers through its application entry points.

External resource name

CICSBundle

Length

704

Usage API or WUI or CICS Management Client Interface or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0182

Table 55. Valid CPSM operations

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

Table 55. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A
	DISCARD	None	N/A
	AVAILABLE	None	N/A
	UNAVAILABLE	None	N/A

Table 56. BUNDLE 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			
AVAILSTATUS	CVDAS	INQ	4	LIKE	Yes	Availability status		E640 E650 E660 E670 E680	24
AVAILSTATUS Input/output valid values	AVAILABLE, UNAVAILABLE								
AVAILSTATUS Output valid values	SOMEAVAIL, NONE								
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0		13
BASESCOPE	CHAR	INQ	255	DIFF	No	BASESCOPE			14
BUNDLEDIR	CHAR	INQ	255	DIFF	No	Name of the BUNDLE directory on zFS			12
BUNDLEID	CHAR	INQ	64	DIFF	Yes	Bundle ID			19
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent			2
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release			3
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time			10
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID			4
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition			5
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time			9
ENABLEDCOUNT	BINARY	INQ	4	SUM	No	Enabled count			18
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Status			8
ENABLESTATUS Input/output valid values	ENABLED, DISABLED								
ENABLESTATUS Output valid values	ENABLING, DISABLING, DISCARDING								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent			6
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST, CLOUD								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time			11
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID			7
MAJORVERSION	BINARY	INQ	4	MAX	Yes	Major Version			20
MGMTPART	HEX	INQ	8	MIN	Yes	Management part Id			23
MICROVERSION	BINARY	INQ	4	MAX	Yes	Micro Version			22
MINORVERSION	BINARY	INQ	4	MAX	Yes	Minor Version			21
NAME-1	CHAR	INQ	8	DIFF	Yes	Name			1

Table 56. BUNDLE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
PARTCOUNT	BINARY	INQ	4	SUM	No	Part count			16
TARGETCOUNT	BINARY	INQ	4	SUM	No	Target count			17

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

BUNDPART Resource Table

Inquire about the different parts of an application bundle, including the resources that are dynamically created and managed as part of the bundle.

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

The **Secondary** key field for this resource class is BUNDPART.

The **Tertiary** key field for this resource class is SEQNUMBER.

Although the BUNDPART resource identifies multiple key attributes, only the BUNDLE attribute can be specified in an EVALDEF INSTANCE attribute.

The following actions are supported:

INQUIRE

Inquire about contents of the BUNDLE resource, including the resources that were dynamically created by the BUNDLE resource definition. The BUNDLE resource must be installed.

External resource name

CICSBundlePart

Length

872

Usage API or WUI or CICS Management Client Interface or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0191

Table 57. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 58. BUNDPART 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		
AVAILSTATUS	CVDAS	INQ	4	LIKE	No	Availability status	E640 E650 E660 E670 E680	10
AVAILSTATUS Output valid values	AVAILABLE, UNAVAILABLE, NONE							
BUNDLE-1	CHAR	INQ	8	DIFF	Yes	Bundle name		1
BUNDLEPART-2	CHAR	INQ	255	DIFF	Yes	Bundle resource name		2
ENABLESTATUS	CVDAS	INQ	4	LIKE	No	Resource status		4
ENABLESTATUS Output valid values	ENABLED, DISABLED, ENABLING, DISABLING, DISCARDING, UNUSABLE							
METADATAFILE	CHAR	INQ	255	DIFF	No	Relative zFS path to resource description file		6
OPERATION	CHAR	INQ	64	DIFF	No	Operation Name	E640 E650 E660 E670 E680	11
PARTCLASS	CVDAS	INQ	4	LIKE	No	Resource class		5
PARTCLASS Output valid values	DEFINITION, EXPORT, IMPORT, ENTRYPOINT, POLICYSCOPE							
PARTTYPE	CHAR	INQ	255	DIFF	No	Resource type URI		7
SEQNUMBER-3	BINARY	CPSM	4	MAX	No	Browse sequence number		9

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

BUNINGRP Resource Table

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

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

The **Secondary** key field for this resource class is BUNNAME.

The **Tertiary** key field for this resource class is BUNVER.

There are no object specific actions for this resource class.

External resource name

Length
56

Usage API or Batch Utility or WUI

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Definition

Copybook identifier
EYUt6184

Table 59. Valid CPSM operations

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

Table 60. BUNINGRP FEEDBACK error codes

Value	Code	Description
1	BUNINGRP_INV_DATA	Attribute data invalid
2	BUNINGRP_REC_NOT_FOUND	Requested resource not found
4	BUNINGRP_REC_EXISTS	Resource already exists
6	BUNINGRP_INV_RESTYPE	Invalid resource type
7	BUNINGRP_INV_VER	Invalid resource version
11	BUNINGRP_NON_MP	Maintenance point CMAS not available
12	BUNINGRP_INV_CONTEXT	Context not found
21	BUNINGRP_INCONSISTENT_SET	Inconsistent set
22	BUNINGRP_DIFF_VERSION	Different version
23	BUNINGRP_INV_NAME	Invalid name
24	BUNINGRP_INV_MINNAME	Invalid minor name

Table 61. BUNINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
BUNGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
BUNNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	Bundle definition name	6
BUNVER-3	BINARY	CPSM	1	Yes	AVG	Yes	Bundle definition version	7
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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
CICSCFDTPool

Length
32

Usage API or WUI or CICS Management Client Interface 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 62. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 63. 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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSDynamicStorageArea

Length

312

Usage API or WUI or CICS Management Client Interface 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 64. Valid CPSM operations

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

Table 65. CICSDSA FEEDBACK error codes

Value	Code	Description
2	CICSDSA_REC_NOT_FOUND	Requested resource not found
3	CICSGCDSA_NOT_SETTABLE	MEMLIMIT for GCDSA, GUDSA or GSDSA is unmodifiable

Table 66. CICSDSA resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set 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, TRUSTED								
ASACTIVE	BINARY	STAT	8	AVG	No	Current address space storage that is addressable	E640		48

Table 66. CICSDSA resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
ASUBTOTL	BINARY	STAT	4	AVG	No	Number of Add Subpool requests			7
ATBCUSHLIMIT	BINARY	STAT	8	AVG	No	Cushion limit	E640		53
ATBCUSHRELS	BINARY	STAT	8	AVG	No	Number of GCDSA, GUDSA or GSDSA cushion releases	E640		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
CURUNQSSUSRS	BINARY	STAT	4	AVG	No	Current tasks allocated a unique subspace			32
CUSHION	BINARY	INQ	8	AVG	Yes	Cushion size		E410+	3
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	E640		50
GETMTOTL	BINARY	STAT	4	AVG	No	Number of GETMAIN requests			5
GETSTORSIZE	BINARY	STAT	8	AVG	No	The GETSTOR request size	E640		47
HWMALLOC	BINARY	STAT	8	MAX	No	Peak DSA allocation			39
HWMASACTIVE	BINARY	STAT	8	AVG	No	The HWM address space that can be addressed	E640		49
HWMCMNSSUSRS	BINARY	STAT	4	MAX	No	Peak number of common subspace users			37
HWMFREE	BINARY	CPSM	8	MAX	No	Peak amount of free storage available			30
HWMGDSAActiv	BINARY	STAT	8	AVG	No	The peak GDSA active	E640		51
HWMUNQSSUSRS	BINARY	STAT	4	MAX	No	Peak number of unique subspace users			34
LIMIT	BINARY	STAT	8	AVG	Yes	Limit of storage for DSAs			24
LOCATION	EYUDA	STAT	4	LIKE	No	Dynamic storage area (DSA) location			21
LOCATION Output valid values	ABOVE, BELOW, ABOVEBAR								
LWMFREE	BINARY	CPSM	8	MIN	No	Smallest amount of free storage available			31
MEMLIMIT	CNUMERIC	STAT	8	AVG	No	Maximum amount of above the bar storage	E640		46
NAME-1	CHAR	STAT	8	DIFF	Yes	Dynamic storage area (DSA)			1
NSTGCURR	BINARY	STAT	4	SUM	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

Table 66. CICSDSA resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
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
STGSHWM	BINARY	STAT	8	MAX	No	Peak size of DSA			23
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								
STGPGWCNT	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	SUM	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	SUM	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								

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSPagePool

Length

312

Usage API or WUI or CICS Management Client Interface 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 67. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 68. 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	NOTAPPLIC, CICS, USER, READONLY, TRUSTED						
SMSASR	BINARY	STAT	4	AVG	No	Number of ADD_SUBPOOL requests	30

Table 68. CICSPAGP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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
SMSDSABYTES	BINARY	STAT	8	AVG	No	Current size of DSA in bytes	71
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
SMSEDSALIMIT	BINARY	STAT	4	AVG	No	Current EDSA limit	18
SMSEDSATOTAL	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
SMSHWMDASZ	BINARY	STAT	4	AVG	No	Peak DSA size	26
SMSHWMDSATOT	BINARY	STAT	4	AVG	No	Peak storage allocated to DSAs	21
SMSHWMDSATO	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	Location above/below 16M or above the bar	23
SMSLOCN Output valid values	ABOVE, BELOW, ABOVEBAR						
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						

Table 68. CICS PAGING resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

CICS PLEX Resource Table

A CPSM Communications Manager object that describes a CICSplex being managed by a CMAS. CICS PLEX 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 PLEXNAME.

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

There are no object specific actions for this resource class.

External resource name

CICSCICSplex

Length

56

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

Yes

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2449

Table 69. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 70. CICSplex resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	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							
BOTRSUPD	BINARY	CPSM	1	DIFF	No	RS server bottom tier	1	16
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
READRS	BINARY	CPSM	2	DIFF	No	RS server read interval	200	13
RSPOOLID	CHAR	CPSM	8	DIFF	No	RS server pool name	DFHRSTAT	17
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
TOPRSUPD	BINARY	CPSM	1	DIFF	No	RS server top tier	5	15
TRANSITCMAS	CHAR	CPSM	8	DIFF	No	First transit CMAS		6
TRANSICNT	BINARY	CPSM	2	AVG	No	The number of transit CMASs for indirect access		11
UPDATERS	BINARY	CPSM	1	DIFF	No	RS server update frequency	15	14

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

CICSRGN Resource Table

This CICS resource 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 completes successfully even if the MVS CANCEL command fails. The user ID associated with the CMAS (not the API user) must have the appropriate security access 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

Shut down the CICS system.

The parameter data for the SHUTDOWN action is as follows:

```
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.

SSLREBUILD

Rebuild the z/OS SSL environment.

SWITCH

Switch auxiliary tracing from one data set to the other.

External resource name

CICSRegion

Length

1032

Usage API or WUI or CICS Management Client Interface 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 71. Valid CPSM operations

Operations	Actions	Parameters	Required
GET	SHUTDOWN	None	N/A
SET		None	N/A
PERFORM		DUMP	No
SET		IMMEDIATE	No

Table 71. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		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
		ATOMSERVICE	No
		AUTOINSTALL	No
		BEAN	No
		BUNDLE	No
		CAPTURESPEC	No
		CONNECTION	No
		CORBASERVER	No
		DB2	No
		DISPATCHER	No
		DOCTEMP	No
		DTBACKOUT	No
		ENQUEUE	No
		EVENTBINDING	No
		EVENTPROCESS	No
		FEPI	No
		FILE	No
		IPCONN	No
		IRCBATCH	No
		JOURNAL	No
		JRNNAME	No
		JVMPOOL	No
		JVMPROFILE	No
		JVMPROGRAM	No
		JVMSERVER	No
		LIBRARY	No
		LSRPOOL	No
		MONITOR	No
		MQCONN	No
		PIPELINE	No
		PROGAUTOINS	No
		PROGRAM	No
		PROGRAMDEF	No
		RECOVERY	No
		REQUESTMODEL	No
		RESETNOW	No
		STATISTICS	No
		STORAGE	No
		STREAMNAME	No

Table 71. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		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
		XMLTRANSFORM	No
	ARMRESTART	None	N/A
	SSLREBUILD	None	N/A

Table 72. CICSRRGN FEEDBACK error codes

Value	Code	Description
12	CICSRRGN_INV_CONTEXT	Context not found
21	CICSRRGN_ACTNOT_SUPPORTED	Action not supported
22	CICSRRGN_RESOURCE_REQUIRED	Resource required
23	CICSRRGN_SYSTEM_NOT_ACTIVE	System not active
24	CICSRRGN_ARM_NOT_AVAILOPSYS	ARM invalid for Operating System
25	CICSRRGN_ARM_NOT_AVAILCICSREL	ARM invalid for CICS Release
26	CICSRRGN_ARM_NOT_REGISTERED	Not registered for ARM
27	CICSRRGN_ARM_NOT_ACTIVE	ARM restart unavailable - ARM not active on system
28	CICSRRGN_ARM_POLICY_CHECK	Current ARM policy prohibits ARM restart of this MAS
29	CICSRRGN_ALL_REQUIRED	Collect all statistics required
30	CICSRRGN_INVALID_DUMP CODE	Invalid dumpcode
31	CICSRRGN_ARM_NOT_IN_SMSS	ARMRESTART not available in an SMSS

Table 73. CICSRRGN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set 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	E640+		163
ACTJVMTCBS	BINARY	INQ	4	AVG	No	Number of currently allocated JVM pool TCBS	E680+		165
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
ACTTHRDTCBS	BINARY	STAT	4	AVG	No	Number of currently allocated JVM server thread TCBS	E640		182

Table 73. CICSRRN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
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	E410+		5
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
CURAUXDS	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
CURRAMAX	BINARY	STAT	2	AVG	No	Current number of user tasks eligible for dispatch	E410+		51
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)	E410+		54
DDSOSTAT	CVDAS	INQ	4	LIKE	Yes	Dump data set open status			28
DDSOSTAT Input/output valid values	OPEN, CLOSED								
DDSOSTAT Input valid values	SWITCH								

Table 73. CICSRRN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
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								
DFTREMSYS	CHAR	INQ	4	DIFF	Yes	Default remote system	E330+		145
DFTUSER	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	E620+		31
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
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, NOTAPPLIC								
GRSTATUS Output valid values	REGISTERED, UNREGISTERED, UNAVAILABLE, REGERROR, DEREGEROR								
GTFSTATUS	CVDAS	INQ	4	LIKE	Yes	Generalized Tracing Facility (GTF) trace status			40
GTFSTATUS Input/output valid values	GTFSTART, GTFSTOP								
IDNTYCLASS	CVDAS	INQ	4	LIKE	Yes	Identity class status	E640 E650	E640 E650	181
IDNTYCLASS Input/output valid values	NOIDNTY, IDNTY								
INITIALDDS	CHAR	INQ	1	DIFF	Yes	Initial dump data set			86
INITSTATUS	CVDAS	INQ	4	LIKE	No	Initialization status			133

Table 73. CICSRRN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
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								
JOBID	CHAR	CPSM	8	DIFF	No	MVS job ID			184
JOBNAME	CHAR	INQ	8	DIFF	No	MVS job name			1
LASTRESET	BINARY	STAT	8	AVG	No	Last statistics reset time	E410+		55
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
LOADHWMW	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
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	E640+	E640+	162
MAXJVMTCBS	BINARY	INQ	4	AVG	Yes	Maximum number of JVM pool TCBs	E680+	E680+	164
MAXOPENTCBS	BINARY	INQ	4	AVG	Yes	Maximum number of Open pool TCBs		E680	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
MAXTHRDTCBS	BINARY	STAT	4	AVG	No	Maximum number of JVM server thread TCBs.	E640		183
MAXTRCNT	BINARY	STAT	4	AVG	No	Number of times MAXTASK limit reached			111

Table 73. CICSRRN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
MAXXPTCBS	BINARY	INQ	4	AVG	Yes	Maximum number of XPLink pool TCBs		E680	168
MEMLIMIT	CNUMERIC	INQ	8	LIKE	No	Maximum amount of above the bar storage	E640		173
MONRPTTIME	CV DAS	INQ	4	LIKE	No	Time zone for performance class records			102
MONRPTTIME Output valid values	GMT, LOCAL								
MONSTAT	CV DAS	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	E410+		52
PEAKTASKS	BINARY	STAT	2	AVG	No	Peak number of tasks in system			50
PEACTVUSRTR	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	CV DAS	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
PRGMUCNT	BINARY	STAT	4	AVG	No	Number of program uses			58
PRGMWAIT	BINARY	STAT	4	AVG	No	Number of waiting loader requests			59
PROG AUTOATTM	BINARY	STAT	4	AVG	No	Number of program autoinstall attempts			120
PROG AUTOCTLG	CV DAS	INQ	4	LIKE	Yes	Autoinstalled-program catalog type			105
PROG AUTOCTLG Input/output valid values	CTLGALL, CTLGMODIFY, CTLGNONE								
PROG AUTOEXIT	CHAR	INQ	8	DIFF	Yes	Autoinstall program exit name			104
PROG AUTOFAIL	BINARY	STAT	4	AVG	No	Number of failed program autoinstall attempts			122
PROG AUTOINST	CV DAS	INQ	4	LIKE	Yes	Status of autoinstall for programs			106
PROG AUTOINST Input/output valid values	AUTOACTIVE, AUTOINACTIVE								
PROG AUTOXREJ	BINARY	STAT	4	AVG	No	Number of times autoinstall prog request rejected			121

Table 73. CICS/SGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
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
PRSSNIBCNT	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
PRSSUNBNCNT	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
PSTYPE	CVDAS	INQ	4	LIKE	No	Persistent session type	E640 E650		180
PSTYPE Output valid values	SNPS, MNPS, NOPS								
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, NOTAPPLIC								
RUNAWAY	BINARY	INQ	4	AVG	Yes	Runaway time interval			20
SCANDELAY	BINARY	INQ	4	AVG	Yes	Terminal scan delay time			21
SDMPSPUP	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								
SIOREQ	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								

Table 73. CICSRRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
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								
STRTIME	DATETIME	CPSM	8	MAX	No	CICS start time			73
SUBSYSTEMID	CHAR	INQ	4	DIFF	No	Subsystem ID used on SYSEVENT class records	E650+		100
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								
SYNCPPOINTST	CVDAS	INQ	4	LIKE	Yes	Performance record at syncpoint			101
SYNCPPOINTST Input/output valid values	SYNCPPOINT, NOSYNCPPOINT								
SYSDUMP	CVDAS	INQ	4	LIKE	Yes	System dump status			8
SYSDUMP Input/output valid values	SYSDUMP, NOSYSDUMP								
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								
TDMPSUPP	BINARY	STAT	4	AVG	No	Number of transaction dumps suppressed			72

Table 73. CICSRRN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
TDMPTOTL	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								
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
XMGATMXT	EYUDA	STAT	4	LIKE	No	Currently at MXT	E640 E650 E660 E670 E680		188
XMGATMXT Input/output valid values	YES, NO								
XMGLAMXT	DATETIME	STAT	8	LIKE	No	Time the MAXTASKS limit last reached	E640 E650 E660 E670 E680		187
XMGLSMXT	DATETIME	STAT	8	LIKE	No	Time MAXTASKS last changed	E640 E650 E660 E670 E680		185
XMGLTAT	DATETIME	STAT	8	LIKE	No	Time last transaction attached	E640 E650 E660 E670 E680		186
XRFSTATUS	CVDAS	INQ	4	LIKE	No	Extended recovery facility (XRF) status			23
XRFSTATUS Output valid values	PRIMARY, TAKEOVER, NOTAPPLIC								

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSGlobalDynamicStorageArea

Length

2672

Usage API or WUI or CICS Management Client Interface 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 74. Valid CPSM operations

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

Table 75. CICSSTOR 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		
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

Table 75. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
ECNONIMMGET	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
ETAVGTIMESOS	INTTSTP	CPSM	8	AVG	No	Average time spent short-on-storage in ETDSA	E640 E650 E660	458
ETNONIMMGET	BINARY	CPSM	8	AVG	No	Number of ETDSA non-immediate GETMAIN requests	E640 E650 E660	452
ETRATECREL	RATE3	CPSM	8	AVG	No	ETDSA cushion release rate	E640 E650 E660	457

Table 75. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
ETRATEEXTSA	RATE3	CPSM	8	AVG	No	ETDSA extent increase rate	E640 E650 E660	460
ETRATEEXTSR	RATE3	CPSM	8	AVG	No	ETDSA extent release rate	E640 E650 E660	461
ETRATEFM	RATE3	CPSM	8	AVG	No	ETDSA FREEMAIN request rate	E640 E650 E660	451
ETRATEGM	RATE3	CPSM	8	AVG	No	ETDSA GETMAIN request rate	E640 E650 E660	450
ETRATESTORV	RATE3	CPSM	8	AVG	No	ETDSA storage violation rate	E640 E650 E660	459
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
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	E640	389
GCNONIMMGET	BINARY	CPSM	8	AVG	No	Number of GCDSA non-immediate GETMAIN requests	E640	386
GCRATEFM	RATE3	CPSM	8	AVG	No	GCDSA FREEMAIN request rate	E640	385
GCRATEGM	RATE3	CPSM	8	AVG	No	GCDSA GETMAIN request rate	E640	384
GCRATESTORV	RATE3	CPSM	8	AVG	No	GCDSA storage violation rate	E640	390
GSAVGTIMESOS	INTTSTP	CPSM	8	AVG	No	Average time spent short on storage (SOS) in GSDSA	E640 E650 E660 E670	519
GSNONIMMGET	BINARY	CPSM	8	AVG	No	Number of GSDSA non-immediate GETMAIN requests	E640 E650 E660 E670	516
GSRATEFM	RATE3	CPSM	8	AVG	No	GSDSA FREEMAIN request rate	E640 E650 E660 E670	515
GSRATEGM	RATE3	CPSM	8	AVG	No	GSDSA GETMAIN request rate	E640 E650 E660 E670	514
GSRATESTORV	RATE3	CPSM	8	AVG	No	GSDSA storage violation rate	E640 E650 E660 E670	520

Table 75. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
GUAVGTIMESOS	INTTSTP	CPSM	8	AVG	No	Average time spent short on storage (SOS) in GUDSA	E640 E650 E660 E670	487
GUNONIMMGET	BINARY	CPSM	8	AVG	No	Number of GUDSA non-immediate GETMAIN requests	E640 E650 E660 E670	484
GURATEFM	RATE3	CPSM	8	AVG	No	GUDSA FREEMAIN request rate	E640 E650 E660 E670	483
GURATEGM	RATE3	CPSM	8	AVG	No	GUDSA GETMAIN request rate	E640 E650 E660 E670	482
GURATESTORV	RATE3	CPSM	8	AVG	No	GUDSA storage violation rate	E640 E650 E660 E670	488
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
LPCTETFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in ETDSA	E640 E650 E660	448
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

Table 75. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
PCTETCSH	PERCENT3	CPSM	4	AVG	No	Percentage of cushion releases in ETDSA	E640 E650 E660	455
PCTETFREE	PERCENT3	CPSM	4	AVG	No	Percentage of free storage in ETDSA	E640 E650 E660	446
PCTETGMF	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN failures in ETDSA	E640 E650 E660	453
PCTETGMP	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN requests purged in ETDSA	E640 E650 E660	454
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
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	E640	387
PCTGCGMP	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN requests purged in GCDSA	E640	388
PCTGSGMF	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN failures in GSDSA	E640 E650 E660 E670	517
PCTGSGMP	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN requests purged in GSDSA	E640 E650 E660 E670	518
PCTGUGMF	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN failures in GUDSA	E640 E650 E660 E670	485
PCTGUGMP	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN requests purged in GUDSA	E640 E650 E660 E670	486
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
PCTLFAETDSA	PERCENT3	CPSM	4	AVG	No	Largest percentage of free storage in ETDSA	E640 E650 E660	449

Table 75. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
PCTSTGETDSA	PERCENT3	CPSM	4	AVG	No	Percentage of storage above 16MB in ETDSA	E640 E650 E660	444
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	E640	382
PCTSTGGSDSA	PERCENT3	CPSM	4	AVG	No	Percentage of storage above the bar in GSDSA	E640 E650 E660 E670	512
PCTSTGGUDSA	PERCENT3	CPSM	4	AVG	No	Percentage of storage above the bar in GUDSA	E640 E650 E660 E670	480
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

Table 75. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
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
PPCTETFREE	PERCENT3	CPSM	4	AVG	No	Peak percentage of free storage in ETDSA	E640 E650 E660	447
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
PPCTSTGETDSA	PERCENT3	CPSM	4	AVG	No	Peak percent in ETDSA of peak storage above 16MB	E640 E650 E660	445
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	E640	383
PPCTSTGGSDSA	PERCENT3	CPSM	4	AVG	No	Peak percentage in GSDSA of storage above the bar	E640 E650 E660 E670	513
PPCTSTGGUDSA	PERCENT3	CPSM	4	AVG	No	Peak percentage in GUDSA of storage above the bar	E640 E650 E660 E670	481
PPCTSTGRDSA	PERCENT3	CPSM	4	AVG	No	Peak percentage in RDSA of peak storage below 16MB		263
PPCTSGSDSA	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

Table 75. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
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	E640	361
SMSATBCUSHLI	BINARY	STAT	8	AVG	No	Cushion limit	E640	366
SMSATBCUSHRE	BINARY	STAT	8	AVG	No	Number of GCDSA cushion releases	E640	365
SMSCASR	BINARY	STAT	4	AVG	No	Number of CDSA ADD_SUBPOOL requests		29
SMSCCREL	BINARY	STAT	4	AVG	No	Number of CDSA 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
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

Table 75. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
SMSECDASZ	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
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
SMSEASR	BINARY	STAT	4	AVG	No	Number of ERDSA ADD_SUBPOOL requests		190
SMSEACREL	BINARY	STAT	4	AVG	No	Number of ERDSA cushion releases		196
SMSEACRISS	BINARY	STAT	4	AVG	No	Number of ERDSA requests failing with no storage		192
SMSEACSIZE	BINARY	STAT	4	AVG	No	Current ERDSA cushion size		187
SMSEACSUBP	BINARY	STAT	4	AVG	No	Current number of ERDSA subpools		199
SMSEARDSASZ	BINARY	STAT	4	AVG	No	Current size of ERDSA		185

Table 75. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSERDSR	BINARY	STAT	4	AVG	No	Number of ERDSA DELETE_SUBPOOL requests		191
SMSEEXTS	BINARY	STAT	4	AVG	No	Number of ERDSA extents		205
SMSEEXTSA	BINARY	STAT	4	AVG	No	Number of ERDSA extents added		206
SMSEEXTSR	BINARY	STAT	4	AVG	No	Number of ERDSA extents released		207
SMSEFMREQ	BINARY	STAT	4	AVG	No	Number of ERDSA FREEMAIN requests		189
SMSEFSTG	BINARY	STAT	4	AVG	No	Size of ERDSA free storage including cushion		200
SMSEGMREQ	BINARY	STAT	4	AVG	No	Number of ERDSA GETMAIN requests		188
SMSEHWMFSTG	BINARY	STAT	4	AVG	No	Peak ERDSA free storage level		201
SMSEHWMSS	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
SMSEUCSS	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
SMSESCRISS	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
SMSESDSASZ	BINARY	STAT	4	AVG	No	Current size of ESDSA		162
SMSESDSR	BINARY	STAT	4	AVG	No	Number of ESDSA DELETE_SUBPOOL requests		168
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
SMSESEFSTG	BINARY	STAT	4	AVG	No	ESDSA free storage including cushion		177
SMSESEGMREQ	BINARY	STAT	4	AVG	No	Number of ESDSA GETMAIN requests		165
SMSESEHWMFSTG	BINARY	STAT	4	AVG	No	Peak ESDSA free storage level		178
SMSESEHWMSS	BINARY	STAT	4	AVG	No	Peak number of ESDSA requests suspended		171
SMSESELFA	BINARY	STAT	4	AVG	No	Largest ESDSA free area		180

Table 75. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
SMSESTOS	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
SMSETASR	BINARY	STAT	4	AVG	No	Number of ETDSA ADD_SUBPOOL requests	E640 E650 E660	425
SMSETCREL	BINARY	STAT	4	AVG	No	Number of ETDSA cushion releases	E640 E650 E660	431
SMSETCRISS	BINARY	STAT	4	AVG	No	Number of ETDSA requests failing with no storage	E640 E650 E660	427
SMSETCSIZE	BINARY	STAT	4	AVG	No	Current ETDSA cushion size	E640 E650 E660	422
SMSETCSUBP	BINARY	STAT	4	AVG	No	Current number of ETDSA subpools	E640 E650 E660	434
SMSETDSASZ	BINARY	STAT	4	AVG	No	Current size of ETDSA	E640 E650 E660	420
SMSETDSR	BINARY	STAT	4	AVG	No	Number of ETDSA DELETE_SUBPOOL requests	E640 E650 E660	426
SMSETEXTS	BINARY	STAT	4	AVG	No	Number of ETDSA extents	E640 E650 E660	440
SMSETEXTSA	BINARY	STAT	4	AVG	No	Number of ETDSA extents added	E640 E650 E660	441
SMSETEXTSR	BINARY	STAT	4	AVG	No	Number of ETDSA extents released	E640 E650 E660	443
SMSETFMREQ	BINARY	STAT	4	AVG	No	Number of ETDSA FREEMAIN requests	E640 E650 E660	424
SMSETFSTG	BINARY	STAT	4	AVG	No	Size of ETDSA free storage including cushion	E640 E650 E660	435
SMSETGMREQ	BINARY	STAT	4	AVG	No	Number of ETDSA GETMAIN requests	E640 E650 E660	423
SMSETHWMFSTG	BINARY	STAT	4	AVG	No	Peak ETDSA free storage level	E640 E650 E660	436
SMSETHWMSS	BINARY	STAT	4	AVG	No	Peak number of ETDSA requests suspended	E640 E650 E660	429
SMSETLFA	BINARY	STAT	4	AVG	No	Largest ETDSA free area	E640 E650 E660	438

Table 75. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSETLWMFSTG	BINARY	STAT	4	AVG	No	Lowest ETDSA free storage level	E640 E650 E660	437
SMSETPWWS	BINARY	STAT	4	AVG	No	Number of ETDSA requests purged	E640 E650 E660	430
SMSETSOS	BINARY	STAT	4	AVG	No	Number of times short-on-storage occurred in ETDSA	E640 E650 E660	432
SMSETSV	BINARY	STAT	4	AVG	No	Number of ETDSA storage violations	E640 E650 E660	439
SMSETTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short-on-storage (SOS) in ETDSA	E640 E650 E660	433
SMSETUCSS	BINARY	STAT	4	AVG	No	Number of ETDSA requests suspended	E640 E650 E660	428
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
SMSEUHMSS	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
SMSEUCSS	BINARY	STAT	4	AVG	No	Number of EUDSA requests suspended		147

Table 75. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSFRMGFLSZ	BINARY	STAT	8	LIKE	No	The largest failing IARV64 CONVERT(FROMGUARD) request	E640 E650 E660	405
SMSFRMGRDFL	BINARY	STAT	8	LIKE	No	Number of IARV64 CONVERT(FROMGUARD) failures	E640 E650 E660	404
SMSGCASR	BINARY	STAT	4	AVG	No	Number of GCDSA ADD_SUBPOOL requests	E640	371
SMSGCCREL	BINARY	STAT	8	LIKE	No	Number of cushion releases	E640 E650 E660	413
SMSGCCRISS	BINARY	STAT	4	AVG	No	Number of GCDSA requests failing with no storage	E640	373
SMSGCCSIZE	BINARY	STAT	8	LIKE	No	Current GCDSA cushion size	E640 E650 E660	412
SMSGCCSS	BINARY	STAT	4	AVG	No	Current requests suspended for GCDSA storage	E640	375
SMSGCCSUBP	BINARY	STAT	4	AVG	No	Current number of subpools in GCDSA	E640	380
SMSGCDSASZ	BINARY	STAT	8	AVG	No	Current size of GCDSA	E640	367
SMSGCDSR	BINARY	STAT	4	AVG	No	Number of GCDSA DELETE_SUBPOOL requests	E640	372
SMSGCFMREQ	BINARY	STAT	4	AVG	No	Number of GCDSA FREEMAIN requests	E640	370
SMSGCFSTG	BINARY	STAT	8	LIKE	No	GCDSA Free storage	E640 E650 E660	414
SMSGCGMREQ	BINARY	STAT	4	AVG	No	Number of GCDSA GETMAIN requests	E640	369
SMSGCHWMSS	BINARY	STAT	4	AVG	No	Peak number of GCDSA requests suspended	E640	376
SMSGCLFA	BINARY	STAT	8	LIKE	No	Largest free area in GCDSA	E640 E650 E660	417
SMSGCPWWS	BINARY	STAT	4	AVG	No	Number of GCDSA requests purged	E640	377
SMSGCSOS	BINARY	STAT	4	AVG	No	Number of times short-on-storage occurred in GCDSA	E640	378
SMSGCSV	BINARY	STAT	4	AVG	No	Number of GCDSA storage violations	E640	381
SMSGCTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short-on-storage in the GCDSA	E640	379
SMSGCUCSS	BINARY	STAT	4	AVG	No	Number of GCDSA requests suspended	E640	374
SMSGDAACTIV	BINARY	STAT	8	AVG	No	The current GDSA active	E640	363
SMSGDAALOC	BINARY	STAT	8	LIKE	No	Current GDSA allocated	E640 E650 E660	406
SMSGDSALIMIT	CNUMERIC	STAT	8	AVG	Yes	Current GDSA limit	E640 E650 E660	442
SMSGDSATOTAL	BINARY	STAT	8	AVG	No	Total storage currently allocated to GDSAs	E640 E650 E660	418
SMSGETSTORSZ	BINARY	STAT	8	AVG	No	The GETSTOR request size	E640	360

Table 75. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSGASR	BINARY	STAT	4	AVG	No	Number of GSDSA ADD_SUBPOOL requests	E640 E650 E660 E670	501
SMSGSCREL	BINARY	STAT	8	LIKE	No	Number of GSDSA cushion releases	E640 E650 E660 E670	522
SMSGSCRISS	BINARY	STAT	4	AVG	No	Number of GSDSA requests failing with no storage	E640 E650 E660 E670	503
SMSGSCSIZE	BINARY	STAT	8	LIKE	No	Current GSDSA cushion size	E640 E650 E660 E670	521
SMSGSCSS	BINARY	STAT	4	AVG	No	Current requests suspended for GSDSA storage	E640 E650 E660 E670	505
SMSGSCSUBP	BINARY	STAT	4	AVG	No	Current number of subpools in GSDSA	E640 E650 E660 E670	510
SMSGSDSASZ	BINARY	STAT	8	AVG	No	Current size of GSDSA	E640 E650 E660 E670	497
SMSGSDSR	BINARY	STAT	4	AVG	No	Number of GSDSA DELETE_SUBPOOL requests	E640 E650 E660 E670	502
SMSGSFREQ	BINARY	STAT	4	AVG	No	Number of GSDSA FREEMAIN requests	E640 E650 E660 E670	500
SMSGSFSTG	BINARY	STAT	8	LIKE	No	GSDSA Free storage	E640 E650 E660 E670	523
SMSGSGMREQ	BINARY	STAT	4	AVG	No	Number of GSDSA GETMAIN requests	E640 E650 E660 E670	499
SMSGSHWMSS	BINARY	STAT	4	AVG	No	Peak number of GSDSA requests suspended	E640 E650 E660 E670	506
SMSGSLFA	BINARY	STAT	8	LIKE	No	Largest free area in GSDSA	E640 E650 E660 E670	526
SMSGSPWWS	BINARY	STAT	4	AVG	No	Number of GSDSA requests purged	E640 E650 E660 E670	507
SMSGSSOS	BINARY	STAT	4	AVG	No	Number of times short on storage occurred in GSDSA	E640 E650 E660 E670	508
SMSGSSV	BINARY	STAT	4	AVG	No	Number of GSDSA storage violations	E640 E650 E660 E670	511

Table 75. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSGSTSOS	INTSTP	STAT	8	AVG	No	Total time spent short on storage in the GSDSA	E640 E650 E660 E670	509
SMSGUCSS	BINARY	STAT	4	AVG	No	Number of GSDSA requests suspended	E640 E650 E660 E670	504
SMSGUASR	BINARY	STAT	4	AVG	No	Number of GUDSA ADD_SUBPOOL requests	E640 E650 E660 E670	468
SMSGUCREL	BINARY	STAT	8	LIKE	No	Number of GUDSA cushion releases	E640 E650 E660 E670	490
SMSGUCRISS	BINARY	STAT	4	AVG	No	Number of GUDSA requests failing with no storage	E640 E650 E660 E670	470
SMSGUCSIZE	BINARY	STAT	8	LIKE	No	Current GUDSA cushion size	E640 E650 E660 E670	489
SMSGUCSS	BINARY	STAT	4	AVG	No	Current requests suspended for GUDSA storage	E640 E650 E660 E670	472
SMSGUCSUBP	BINARY	STAT	4	AVG	No	Current number of subpools in GUDSA	E640 E650 E660 E670	478
SMSGUDSASZ	BINARY	STAT	8	AVG	No	Current size of GUDSA	E640 E650 E660 E670	464
SMSGUDSR	BINARY	STAT	4	AVG	No	Number of GUDSA DELETE_SUBPOOL requests	E640 E650 E660 E670	469
SMSGUFMREQ	BINARY	STAT	4	AVG	No	Number of GUDSA FREEMAIN requests	E640 E650 E660 E670	467
SMSGUFSTG	BINARY	STAT	8	LIKE	No	GUDSA Free storage	E640 E650 E660 E670	491
SMSGUGMREQ	BINARY	STAT	4	AVG	No	Number of GUDSA GETMAIN requests	E640 E650 E660 E670	466
SMSGUHWMS	BINARY	STAT	4	AVG	No	Peak number of GUDSA requests suspended	E640 E650 E660 E670	473
SMSGULFA	BINARY	STAT	8	LIKE	No	Largest free area in GUDSA	E640 E650 E660 E670	494
SMSGUPWWS	BINARY	STAT	4	AVG	No	Number of GUDSA requests purged	E640 E650 E660 E670	474

Table 75. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSGUSOS	BINARY	STAT	4	AVG	No	Number of times short on storage occurred in GUDSA	E640 E650 E660 E670	475
SMSGUSV	BINARY	STAT	4	AVG	No	Number of GUDSA storage violations	E640 E650 E660 E670	479
SMSGUTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short on storage in the GUDSA	E640 E650 E660 E670	477
SMSGUUCSS	BINARY	STAT	4	AVG	No	Number of GUDSA requests suspended	E640 E650 E660 E670	471
SMSHGDSAALC	BINARY	STAT	8	LIKE	No	Peak GDSA allocated	E640 E650 E660	407
SMSHPGSNREAL	BINARY	STAT	8	LIKE	No	Peak number of real storage frames to back 64-bit private memory	E640 E650 E660	409
SMSHVAXSLTS	BINARY	STAT	8	LIKE	No	Number of aux slots used to back 64-bit private storage	E640 E650 E660	399
SMSHVGAXSTS	BINARY	STAT	8	LIKE	No	Peak number of aux slots used to back 64-bit private storage	E640 E650 E660	400
SMSHWMASACT	BINARY	STAT	8	AVG	No	Peak address space that can be addressed	E640	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
SMSHWMETDSA	BINARY	STAT	4	AVG	No	Peak size of ETDSA	E640 E650 E660	421
SMSHWEUDSA	BINARY	STAT	4	AVG	No	Peak size of EUDSA		140
SMSHWMGCDSA	BINARY	STAT	8	AVG	No	Peak size of GCDSA	E640	368
SMSHWMGCFSTG	BINARY	STAT	8	LIKE	No	Peak amount of GCDSA free storage (inc cushion)	E640 E650 E660	415
SMSHWMGDSAAC	BINARY	STAT	8	AVG	No	The peak amount of storage available for use above the bar	E640	364
SMSHWMGDSATO	BINARY	STAT	8	AVG	No	Peak amount of storage allocated to GDSAs	E640 E650 E660	419
SMSHWMGSDSA	BINARY	STAT	8	AVG	No	Peak size of GSDSA	E640 E650 E660 E670	498
SMSHWMGSFSTG	BINARY	STAT	8	LIKE	No	Peak amount of GSDSA free storage (inc cushion)	E640 E650 E660 E670	524

Table 75. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSHWMGUDSA	BINARY	STAT	8	AVG	No	Peak size of GUDSA	E640 E650 E660 E670	465
SMSHWMGUFSTG	BINARY	STAT	8	LIKE	No	Peak amount of GUDSA free storage (inc cushion)	E640 E650 E660 E670	492
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
SMSLRGMEMOBJ	BINARY	STAT	8	LIKE	No	Number of Large Memory Objects allocated	E640 E650 E660	410
SMSLRGPGBNRL	BINARY	STAT	8	LIKE	No	Number of Large Pages owned by this address space	E640 E650 E660	411
SMSLVABYTES	BINARY	STAT	8	LIKE	No	Number of bytes allocated from large virtual memory	E640 E650 E660	395
SMSLVGBYTES	BINARY	STAT	8	LIKE	No	Peak number of usable bytes within large virtual memory objects	E640 E650 E660	397
SMSLVHBYTES	BINARY	STAT	8	LIKE	No	Number of bytes hidden with large virtual memory objects	E640 E650 E660	396
SMSLVNMOMBS	BINARY	STAT	8	LIKE	No	Number of private memory objects allocated	E640 E650 E660	398
SMSLVSHRBTS	BINARY	STAT	8	LIKE	No	Number of shared bytes allocated from high virtual memory	E640 E650 E660	401
SMSLVSHRGBS	BINARY	STAT	8	LIKE	No	Peak number of shared bytes within large virtual memory objects	E640 E650 E660	402
SMSLVSHRNMO	BINARY	STAT	8	LIKE	No	Number of shared memory objects allocated	E640 E650 E660	403
SMSLWMGCFSTG	BINARY	STAT	8	LIKE	No	Lowest amount of GCDSA free storage (inc cushion)	E640 E650 E660	416
SMSLWMGSFSTG	BINARY	STAT	8	LIKE	No	Lowest amount of GSDSA free storage (inc cushion)	E640 E650 E660 E670	525
SMSLWMGUFSTG	BINARY	STAT	8	LIKE	No	Lowest amount of GUDSA free storage (inc cushion)	E640 E650 E660 E670	493
SMSMEMLIMIT	CNUMERIC	STAT	8	AVG	No	Maximum amount of above bar storage	E640	357
SMSMEMLIMSRC	EYUDA	STAT	4	LIKE	No	The source setting the memory limit	E640	356
SMSMEMLIMSRC Output valid values	JCL, REGION, SMF, IEFUSI							
SMSNAPGP	BINARY	STAT	2	AVG	No	Number of page pools		5
SMSPGSINREAL	BINARY	STAT	8	LIKE	No	Number of real storage frames used for 64-bit private memory	E640 E650 E660	408
SMSRASR	BINARY	STAT	4	AVG	No	Number of RDSA ADD_SUBPOOL requests		98

Table 75. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
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
SMSRHWMSS	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

Table 75. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSSEXTSA	BINARY	STAT	4	AVG	No	Number of SDSA extents added		91
SMSSEXTSR	BINARY	STAT	4	AVG	No	Number of SDSA extents released		92
SMSSFMREQ	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	Short on storage status above the bar	E640	391
SMSSOSABAR Output valid values	SOS, NOTSOS							
SMSSOSALINE	CVDAS	INQ	4	LIKE	No	Short on storage status above the line	E640	392
SMSSOSALINE Output valid values	SOS, NOTSOS							
SMSSOSBLINE	CVDAS	INQ	4	LIKE	No	Short on storage status below the line	E640	393
SMSSOSBLINE Output valid values	SOS, NOTSOS							
SMSSOSSTATUS	CVDAS	INQ	4	LIKE	No	Short on storage status below the bar		22
SMSSOSSTATUS Output valid values	SOS, NOTSOS, SOSABOVE, SOSBELOW							
SMSSPWWS	BINARY	STAT	4	AVG	No	Number of SDSA requests purged		80
SMSSSOS	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	INTTSIP	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

Table 75. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
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

Table 75. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

CLCACHE Resource Table

A CICS resource that provides information about the shared class cache for pooled JVMs. This resource is not supported in CICS TS for z/OS, Version 5.1 and later versions.

There is no key field for this resource class.

The following actions are supported:

PHASEOUT

Mark pooled JVMs for deletion.

PURGE

Terminate all tasks that use pooled JVMs in the shared class cache by using the **SET TASK PURGE** command.

FORCEPURGE

Terminate all tasks that use pooled JVMs in the shared class cache by using the **SET TASK FORCEPURGE** command.

START

Start the shared class cache for pooled JVMs.

RELOAD

Reload the shared class cache for pooled JVMs.

External resource name

CICSJVMClassCache

Length

80

Usage API or WUI or CICS Management Client Interface 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 76. Valid CPSM operations

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

Table 77. CLCACHE 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			
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 pooled (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		E660+	5
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 ACCESTYPE(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:

SHUTDOWN

Shutdown the CMAS

PURGE

Purge incore ESM security profiles

SECUREBUILD

Rebuild the ESM Security profiles

These actions require no unique parameter data.

External resource name

CICSCICSManagingAddressSpaceList

Length

56

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

Yes

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2450

Table 78. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 78. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
PERFORM SET	SHUTDOWN	None	N/A
	PURGE	None	N/A
	SECREBUILD	None	N/A
	RESET	USERID(value)	Yes
	RESETTIME	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 79. CMASLIST FEEDBACK error codes

Value	Code	Description
1	CMASLIST_INV_DATA	Invalid attribute data
2	CMASLIST_REC_NOT_FOUND	Requested resource not found
22	CMASLIST_SECURITY_NOT_ACTIVE	Security not active
23	CMASLIST_INV_USERID	User ID missing or invalid

Table 80. 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
JOBID	CHAR	CPSM	8	DIFF	No	MVS job ID	12
JOBNAME	CHAR	CPSM	8	DIFF	No	MVS job name	11
STATUS	EYUDA	CPSM	4	LIKE	No	Status of CMAS	8
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 **Secondary** key field for this resource class is MPSTATE.

External resource name
CICSCICSplexList

Length
48

Usage API or WUI or CICS Management Client Interface

API view
No

CMAS context
Yes

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2452

Table 81. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM	REMPLEX	None	N/A
SET	FORCEREMPLEX	None	N/A

Table 82. CMASPLEX FEEDBACK error codes

Value	Code	Description
2	CMASPLEX_REC_NOT_FOUND	Requested resource not found
26	CMASPLEX_INV_NAMELIST	Invalid name list
27	CMASPLEX_MAS_ACTIVE	A connected MAS is active
28	CMASPLEX_NOT_FOUND	CICSplex not found
29	CMASPLEX_NOT_SUPPORTED	ACTION not supported by CMAS
30	CMASPLEX_BAD_REMOVE	MPSTATE must be INVALID for REMPLEX action
31	CMASPLEX_BAD_FRCREM	MPSTATE must be NOTCONNECTED for FORCEREMPLEX action
32	CMASPLEX_BAD_ACTION	Invalid ACTION parameter specified

Table 83. CMASPLEX resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
BOTRSUPD	BINARY	CPSM	1	DIFF	No	RS server bottom tier	1	16

Table 83. CMASPLEX resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
DAYLGHTSV	EYUDA	CPSM	4	LIKE	No	Daylight saving time in effect		11
DAYLGHTSV Output valid values	YES, NO							
MPCMAS	CHAR	CPSM	8	DIFF	Yes	Maintenance point CMAS		18
MPSTATE-2	EYUDA	CPSM	4	LIKE	No	State of MP CMAS		19
MPSTATE-2 Output valid values	VALID, INVALID, NOTCONNECTED							
MPSTATUS	EYUDA	CPSM	4	LIKE	No	CMAS is maintenance point		5
MPSTATUS Output valid values	YES, NO							
PERFINTVL	BINARY	CPSM	2	AVG	No	Performance interval duration		7
PLEXNAME-1	CHAR	CPSM	8	DIFF	Yes	CICSplex		4
READRS	BINARY	CPSM	2	DIFF	No	RS server read interval	200	13
RSPoolID	CHAR	CPSM	8	DIFF	No	RS server pool name	DFHRSTAT	17
TMEZONE	CHAR	CPSM	1	DIFF	No	Time zone		10
TMEZONEO	BINARY	CPSM	1	AVG	No	Time zone offset		9
TOPRSUPD	BINARY	CPSM	1	DIFF	No	RS server top tier	5	15
UPDATERS	BINARY	CPSM	1	DIFF	No	RS server update frequency	15	14

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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:

SHUTDOWN

Shutdown the CMAS

PURGE

Purge incore ESM security profiles

SECUREBUILD

Rebuild the ESM Security profiles

These actions require no unique parameter data.

External resource name

CICSCICSManagingAddressSpace

Length

344

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

Yes

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2451

Table 84. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM	SHUTDOWN	None	N/A
SET			
	PURGE	None	N/A
	SECREBUILD	None	N/A
	RESET	USERID(value)	Yes
	RESETTIME	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
	COMMAND	CMDTEXT(value)	Yes

Table 85. CMAS FEEDBACK error codes

Value	Code	Description
1	CMAS_INV_DATA	Attribute data invalid
2	CMAS_REC_NOT_FOUND	Requested resource not found
5	CMAS_REC_CHANGED	Resource definition already changed
21	CMAS_NO_ACTION_TO_PERFORM	No action to perform
22	CMAS_SECURITY_NOT_ACTIVE	Security not active
23	CMAS_INV_USERID	User ID missing or invalid

Table 85. CMAS FEEDBACK error codes (continued)

Value	Code	Description
24	CMAS_INV_CMDTEXT	Command text invalid

Table 86. 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
DATTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Data repository services trace flags		38
DAYLIGHT	EYUDA	CPSM	4	LIKE	Yes	Daylight saving time		58
DAYLIGHT Input/output valid values	YES, NO							
DREPSDN	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
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							
JOBID	CHAR	CPSM	8	DIFF	No	MVS job ID		71

Table 86. CMAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
JOBNAME	CHAR	CPSM	8	DIFF	No	MVS 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
MAXTCNT	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 system ID		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
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

Table 86. CMAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SOSBELOWLINE Output valid values	SOS, NOTSOS							
SRVTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Common services trace flags		36
STRTIME	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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is SPEC.

There are no object specific actions for this resource class.

External resource name

CICSPrimaryAnalysisPointCMAS

Length

56

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Definition

Copybook identifier
EYUt4353

Table 87. Valid CPSM operations

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

Table 88. CMDMPAPS FEEDBACK error codes

Value	Code	Description
1	CMDMPAPS_INV_DATA	Attribute data invalid
2	CMDMPAPS_REC_NOT_FOUND	Requested resource not found
3	CMDMPAPS_INV_REFERENCE	Attribute references an invalid resource
4	CMDMPAPS_REC_EXISTS	Resource already exists
6	CMDMPAPS_INV_RESTYPE	Invalid resource type
7	CMDMPAPS_INV_VER	Invalid resource version
21	CMDMPAPS_CMAS_NOT_UNIQUE	Association is not unique
22	CMDMPAPS_DUP_ASSOCIATION	Duplicate association

Table 89. CMDMPAPS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	7
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	10
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	9
CMASNAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Primary CMAS	5
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	8
SPEC-2	CHAR	CPSM	8	Yes	DIFF	Yes	Analysis point specification	6

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is SPEC.

There are no object specific actions for this resource class.

External resource name

CICSSecondaryAnalysisPointCMAS

Length

56

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt4354

Table 90. Valid CPSM operations

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

Table 91. CMDMSAPS FEEDBACK error codes

Value	Code	Description
1	CMDMSAPS_INV_DATA	Attribute data invalid
2	CMDMSAPS_REC_NOT_FOUND	Requested resource not found
3	CMDMSAPS_INV_REFERENCE	Attribute references an invalid resource
4	CMDMSAPS_REC_EXISTS	Resource already exists
6	CMDMSAPS_INV_RESTYPE	Invalid resource type
7	CMDMSAPS_INV_VER	Invalid resource version
22	CMDMSAPS_DUP_ASSOCIATION	Duplicate association

Table 92. CMDMSAPS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	7
CHANGEAGENT Input/output valid values	DREPAPI							

Table 92. CMDMSAPS resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	10
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	9
CMASNAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Secondary CMAS	5
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	8
SPEC-2	CHAR	CPSM	8	Yes	DIFF	Yes	Analysis point specification	6

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSDataTable

Length

384

Usage API or WUI or CICS Management Client Interface 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 93. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	CLOSE	BUSY(WAIT, NOWAIT, FORCE)	Yes
	DISABLE	BUSY(WAIT, NOWAIT, FORCE)	Yes
	DISCARD	None	N/A
	ENABLE	None	N/A
	OPEN	None	N/A

Table 94. CMDT FEEDBACK error codes

Value	Code	Description
1	CMDT_INV_DATA	Attribute data invalid

Table 95. CMDT 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			
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

Table 95. CMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
ADDTFULL	BINARY	STAT	4	AVG	No	Number of add requests rejected when table full			37
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	76
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
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	68
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, TABLE, SYSTEM, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	69
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	70
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	67
CONTENTION	CNUMERIC	STAT	4	AVG	No	Number of CFDT contentions			66
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
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	71
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	72
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

Table 95. CMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	75
INSTALLAGENT Input/output valid values	CSDAPI, CREATSPI, TABLE, SYSTEM, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	74
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	73
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								
LOCDELCNT	BINARY	STAT	4	AVG	No	Number of DELETE requests			28
LSRPOOLID	BINARY	INQ	2	MAX	Yes	LSR Pool number			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
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, NOTRECOVABLE								
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
STGDTAINU	BINARY	STAT	4	AVG	No	Storage in use for record data (kilobytes)			50
STGDTATOT	BINARY	STAT	4	AVG	No	Storage allocated for record data (kilobytes)			49

Table 95. CMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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
STGIXTOT	BINARY	STAT	4	AVG	No	Storage allocated for index (kilobytes)			47
STRINGS	BINARY	INQ	4	AVG	Yes	Number of strings			17
TABLE	CV DAS	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	CV DAS	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
UPDATEMODEL	CV DAS	INQ	4	LIKE	Yes	CFDT update model			64
UPDATEMODEL Input/output valid values	LOCKING, CONTENTION, NOTAPPLIC								
VSAMTYPE	CV DAS	INQ	4	LIKE	No	Type of VSAM data set			19
VSAMTYPE Input/output valid values	NOTAPPLIC								
VSAMTYPE Output valid values	ESDS, KSDS, RRDS, VRRDS								
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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, SESSION definition set. For LU6.2 connections, a CICS PARTNER definition also exists. These CICS CSD resources are managed internally by CICSplex SM.

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
CICSCMASToCMASLinkDefinition

Length
168

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view
No

CMAS context
Yes

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Definition

Copybook identifier
EYUt2732

Table 96. Valid CPSM operations

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

Table 97. CMTCMDEF FEEDBACK error codes

Value	Code	Description
1	CMTCMDEF_INV_DATA	Attribute data invalid
2	CMTCMDEF_REC_NOT_FOUND	Requested resource not found
4	CMTCMDEF_REC_EXISTS	Resource already exists
5	CMTCMDEF_REC_CHANGED	Resource definition already changed
8	CMTCMDEF_REPOSITORY_FAILURE	Error in data repository
21	CMTCMDEF_CEDA_TIMEOUT	Timeout whilst updating CICS CSD
22	CMTCMDEF_CEDA_FAILURE_DEFINE	Failure defining resource on CICS CSD
23	CMTCMDEF_CEDA_FAILURE_INSTALL	Install to CICS CSD failed
24	CMTCMDEF_CEDA_FAILURE_MOVE	Move on CICS CSD failed
25	CMTCMDEF_CONNECTION_ACTIVE	Connection active
26	CMTCMDEF_CONNECTION_PENDING	Connection pending
27	CMTCMDEF_CONNECTION_RESET	Connection reset
28	CMTCMDEF_SYSID_DUP	Duplicate system ID
29	CMTCMDEF_APPLID_DUP	Duplicate application ID
30	CMTCMDEF_LINK_TYPE	Invalid link type
31	CMTCMDEF_LINK_DATA	Link data
32	CMTCMDEF_UNKNOWN_METH_STATUS	Unexpected return code from internal program call
33	CMTCMDEF_TIMEOUT	Timeout
34	CMTCMDEF_MISMATCH_TARGNAME	Target CMAS exists with different Target Applid/SYSID
35	CMTCMDEF_MISMATCH_APPLID	Target Applid does not match existing Target CMAS/SYSID

Table 97. CMTCMDEF FEEDBACK error codes (continued)

Value	Code	Description
36	CMTCMDEF_MISMATCH_SYSID	SYSID does not match existing Target CMAS/Applid
37	CMTCMDEF_CRTE_FAILURE_DEFN	Creating the CICS CONNECTION or SESSION failed
38	CMTCMDEF_CRTE_FAILURE_COMP	Completing the CICS connection failed
39	CMTCMDEF_CRTE_FAILURE_DISC	Discarding the aborted CICS connection failed

Table 98. CMTCMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			19
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			22
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			21
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			20
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									
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

CMTCMLNK Resource Table

A CPSM Communications Manager object that describes an installed CMAS-to-CMAS connection from the perspective of the context CMAS. CMTCMLNK 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 CMTCMLNK, INSERVICE and ACQUIRED. This action can only be used on CMTCMLNKs using a PROTOCOL of LU62.

DISCARD

Discard the connection.

The DISCARD action requires no unique parameter data.

External resource name

CICSCMASToCMASLink

Length

152

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

Yes

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2444

Table 99. Valid CPSM operations

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

Table 100. CMTCMLNK FEEDBACK error codes

Value	Code	Description
1	CMTCMLNK_INV_DATA	Attribute data invalid
2	CMTCMLNK_REC_NOT_FOUND	Requested resource not found
21	CMTCMLNK_LINK_IS_ACTIVE	Link is active
22	CMTCMLNK_LINK_RESET	Link reset

Table 100. CMTCMLNK FEEDBACK error codes (continued)

Value	Code	Description
23	CMTCMLNK_LINK_PENDING	Link pending
24	CMTCMLNK_DISCARD_FAILED	Discard failed
25	CMTCMLNK_CICS_FAILURE	CICS failure
26	CMTCMLNK_RECNAME_MISSING	Record name missing
27	CMTCMLNK_PLEXNAME_MISSING	CICSplex name missing
28	CMTCMLNK_LINK_NOTINSERVICE	CICS link not INSERVICE
29	CMTCMLNK_LINK_NOTACQUIRED	CICS link not Acquired
30	CMTCMLNK_LINK_NOTLU62	Link protocol not LU62

Table 101. CMTCMLNK 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	CV DAS	INQ	4	LIKE	No	CICS connection status	7
CICSCONN Output valid values	RELEASED, OBTAINING, ACQUIRED, FREEING, AVAILABLE						
CICSSERV	CV DAS	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
MALSRCVD	BINARY	CPSM	8	AVG	No	Total requests received	15
MALSSSENT	BINARY	CPSM	8	AVG	No	Total requests 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	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
TBUFRCD	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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

CMLPMLNK Resource Table

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

CICSMLPToMASLink

Length

160

Usage API or WUI or CICS Management Client Interface

API view

No

CMLP context

Yes

SCOPE applies

No

Only query CMLPs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2445

Table 102. Valid CMLP operations

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

Table 103. CMLPMLNK FEEDBACK error codes

Value	Code	Description
1	CMLPMLNK_INV_DATA	Attribute data invalid
2	CMLPMLNK_REC_NOT_FOUND	Requested resource not found
21	CMLPMLNK_LINK_IS_ACTIVE	Link is active
22	CMLPMLNK_LINK_RESET	Link reset
23	CMLPMLNK_LINK_PENDING	Link pending
24	CMLPMLNK_DISCARD_FAILED	Discard failed
25	CMLPMLNK_CICS_FAILURE	CICS failure

Table 103. CMTPLNK FEEDBACK error codes (continued)

Value	Code	Description
26	CMTPLNK_RECNAME_MISSING	Record name missing
27	CMTPLNK_PLEXNAME_MISSING	CICSplex name missing

Table 104. 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
CBYSENT	BINARY	CPSM	8	AVG	No	Number of bytes sent (compressed)	14
CICSCONN	CV DAS	INQ	4	LIKE	No	CICS connection status	7
CICSCONN Output valid values	RELEASED, OBTAINING, ACQUIRED, FREEING, AVAILABLE						
CICSSERV	CV DAS	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	CONTACT, 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
MALSENT	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
MSGSENT	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						
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
TBUFSNT	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
UBYTRCVD	BINARY	CPSM	8	AVG	No	Number of bytes received (uncompressed)	18
UBYSENT	BINARY	CPSM	8	AVG	No	Number of bytes sent (uncompressed)	13

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is CONNNNAME.

The **Tertiary** key field for this resource class is CONNVER.

There are no object specific actions for this resource class.

External resource name

Length

56

Usage API or Batch Utility or WUI

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6145

Table 105. Valid CPSM operations

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

Table 106. CONINGRP FEEDBACK error codes

Value	Code	Description
1	CONINGRP_INV_DATA	Attribute data invalid
2	CONINGRP_REC_NOT_FOUND	Requested resource not found
4	CONINGRP_REC_EXISTS	Resource already exists
6	CONINGRP_INV_RESTYPE	Invalid resource type
7	CONINGRP_INV_VER	Invalid resource version
11	CONINGRP_NON_MP	Maintenance point CMAS not available
12	CONINGRP_INV_CONTEXT	Context not found
21	CONINGRP_INCONSISTENT_SET	Inconsistent set
22	CONINGRP_DIFF_VERSION	Different version
23	CONINGRP_INV_NAME	Invalid name
24	CONINGRP_INV_MINNAME	Invalid minor name

Table 107. CONINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
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
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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. A connection name can be only 4 characters long. The remainder of the 8-character NAME field should be padded with blank spaces.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

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 using BAS” on page 17.

External resource name

CICSDefinitionISCMROConnection

Length

408

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type
CICS Definition
Copybook identifier
EYUt3800

Table 108. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM	INSTALL	FORCEINS(YES, NO)	No
SET		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	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
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 109. CONNDEF FEEDBACK error codes

Value	Code	Description
1	CONNDEF_INV_DATA	Attribute data invalid
2	CONNDEF_REC_NOT_FOUND	Requested resource not found
4	CONNDEF_REC_EXISTS	Resource already exists
5	CONNDEF_REC_CHANGED	Resource definition already changed
6	CONNDEF_INV_RESTYPE	Invalid resource type
7	CONNDEF_INV_VER	Invalid resource version
11	CONNDEF_NON_MP	Maintenance point CMAS not available
12	CONNDEF_INV_CONTEXT	Context not found
13	CONNDEF_INCONSISTENT_SET	Inconsistent set condition
14	CONNDEF_INV_RESGROUP	Resource group not found
21	CONNDEF_INV_ACTION	Invalid action
22	CONNDEF_INV_RECADDR	Invalid record address
23	CONNDEF_INV_RECLEN	Invalid record length
24	CONNDEF_DIFF_VERSION	Different version
25	CONNDEF_EARLY_NAMELIST_END	Early name list end
26	CONNDEF_INV_NAMELIST	Invalid name list
27	CONNDEF_INV_NAME	Invalid name
28	CONNDEF_INV_MINNAME	Invalid minor name
29	CONNDEF_NOTIFY	Notify
30	CONNDEF_PARTIAL_INSTALL	Partial install
31	CONNDEF_NOHING_INSTALLED	Nothing installed

Table 109. CONNDEF FEEDBACK error codes (continued)

Value	Code	Description
32	CONNDEF_NO_TARGETS	No targets
33	CONNDEF_NO_RELATED	No related systems
34	CONNDEF_INV_TSCOPE	Invalid target scope
35	CONNDEF_INV_RSCOPE	Invalid related scope
36	CONNDEF_INV_USAGE	Invalid usage
37	CONNDEF_INV_MODE	Invalid mode
38	CONNDEF_INV_STATECHK	Invalid state check
39	CONNDEF_INV_FORCEINS	Invalid force install
40	CONNDEF_INV_NOTIFY	Invalid notify
41	CONNDEF_INV_OVERTYPE	Invalid over type
42	CONNDEF_INV_OVRBLOCK	Invalid override block
43	CONNDEF_INV_ORSTRING	Invalid override string
44	CONNDEF_INV_STRNGTERM	Invalid string terminator
45	CONNDEF_INV_EMBEDTERM	Invalid embedded terminator
46	CONNDEF_INV_ATTRIBUTE	Invalid attribute
47	CONNDEF_INV_LITERAL	Invalid literal
48	CONNDEF_INV_ORSTGNA	Invalid override string
49	CONNDEF_SCOPE_REQUIRED	Scope required
50	CONNDEF_USAGE_CONFLICT	Usage conflict
51	CONNDEF_REFASSGN_REQ	Referenced resource assignment required
52	CONNDEF_REFASSIGN_NOTFND	Referenced resource assignment not found
53	CONNDEF_SESS_NOTINSTL	Session not installed
54	CONNDEF_NODEFS_SELECTED	No definitions selected
55	CONNDEF_MORE_THAN_1_RELSYS	More than one related system
56	CONNDEF_MISSING_RELSYSID	Missing related system identifier
57	CONNDEF_SCOPE_CONFLICT	Scope conflict
58	CONNDEF_REFASSIGN_EMPTY	Referenced resource assignment empty
59	CONNDEF_INV_CSDGROUP	Invalid CSD group
60	CONNDEF_REC_NOT_REMOVED	Record not removed
61	CONNDEF_INV_RESOURCE	Invalid resource
62	CONNDEF_INV_CICS_RESTYPE	Invalid CICS restype
63	CONNDEF_PARTIAL_ACTION	Partial action
64	CONNDEF_NOTHING_ACTIONED	Nothing actioned
65	CONNDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
66	CONNDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
67	CONNDEF_CSD_ERROR	CSD access error

Table 110. 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

Table 110. CONNDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
AUTOCONNECT Input/output valid values	NO, ALL, YES										
BINDPASSWORD	HIDCHAR	CPSM	16	No	DIFF	No	Bind password			E410+	12
BINDSECURITY	EYUDA	CPSM	4	Yes	LIKE	No	Bind time security	NO			13
BINDSECURITY Input/output valid values	YES, NO										
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	50
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	52
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	51
CONNPRIORITY	CHAR	CPSM	4	No	DIFF	No	Connection priority	86	0-255	EALL	30
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
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	54
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 110. 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	*										
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										
USEDFLTUSER	EYUDA	CPSM	4	Yes	LIKE	No	Use default user ID	N_A			39
USEDFLTUSER 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										

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSISCMROConnection

Length

392

Usage API or WUI or CICS Management Client Interface 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 111. Valid CPSM operations

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

Table 111. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	FORCEPURGE	None	N/A
	KILL	None	N/A
	FORCECANCEL	None	N/A

Table 112. CONNECT 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			
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
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								
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	79
BIDSENT	BINARY	STAT	4	AVG	No	Total number of bids sent			21
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	70
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, AUTOINSTALL, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	72
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	73
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	71
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, NOTAPPLIC								
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	74

Table 112. CONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	75
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
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
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	78
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, AUTOINSTALL, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	77
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	76
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

Table 112. CONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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	CNUMERIC	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
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

Table 112. CONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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								

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

Note: The value for the DAYLIGHTSV attribute in the CPLEXDEF definition is stored for documentation purposes, but it is not used in time zone calculations.

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

CICSCICSplexDefinition

Length

152

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

Yes

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt2736

Table 113. Valid CPSM operations

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

Table 114. CPLEXDEF FEEDBACK error codes

Value	Code	Description
1	CPLEXDEF_INV_DATA	Attribute data invalid
2	CPLEXDEF_REC_NOT_FOUND	Requested resource not found
4	CPLEXDEF_REC_EXISTS	Resource already exists
5	CPLEXDEF_REC_CHANGED	Resource definition already changed
8	CPLEXDEF_REPOSITORY_FAILURE	Error in data repository
21	CPLEXDEF_REMOTE_METH_FAIL	Attempt to run program in remote system failed
22	CPLEXDEF_REM_EYUDREP_CORRUPT	Error updating remote data repository
23	CPLEXDEF_DIRECTORY_ERROR	Directory error
24	CPLEXDEF_ALL_COUNTS_ZERO	All counts zero
25	CPLEXDEF_DELETE_PENDING	CICSplex delete pending

Table 114. CPLEXDEF FEEDBACK error codes (continued)

Value	Code	Description
26	CPLEXDEF_MAS_ACTIVE	MAS active
27	CPLEXDEF_LCL_EYUDREP_CORRUPT	Error updating local data repository
28	CPLEXDEF_INV_CMASNAME	Invalid CMAS name
29	CPLEXDEF_CMAS_IS_MP	CMAS is maintenance point
30	CPLEXDEF_DELETING_MP	Removing maintenance point
31	CPLEXDEF_DEL_PENDING	Removal pending
32	CPLEXDEF_CMAS_LEVEL	CMAS at higher level
33	CPLEXDEF_LCL_EYUDREP_FAILURE	Error in local repository
34	CPLEXDEF_LCL_REP_INV_LENGTH	Record length error in local repository

Table 115. CPLEXDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
BOTRSUPD	BINARY	CPSM	1	Yes	DIFF	No	RS server bottom tier	1	1-25	38
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			32
CHANGEAGENT Input/output valid values	DREPAPI, DREPBATCH									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			35
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			34
CICSplex-1	CHAR	CPSM	8	Yes	DIFF	Yes	CICSplex name			5
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			33
DAYLGHTSV	EYUDA	CPSM	4	Yes	LIKE	No	Daylight saving time	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
READRS	BINARY	CPSM	2	Yes	DIFF	No	RS server read interval	200	0-2000	30
RODMPOP	EYUDA	CPSM	4	Yes	LIKE	No	Resource status facility population	NO		27
RODMPOP Input/output valid values	YES, NO									
RSPOOLID	CHAR	CPSM	8	Yes	DIFF	No	RS server pool name	DFHRSTAT		39
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									
SECRESCHK	EYUDA	CPSM	4	Yes	LIKE	No	Simulated CICS-resource security checking	NO		7
SECRESCHK Input/output valid values	YES, NO									

Table 115. CPLEXDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
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 CICSplex			13
STATUS Input/output valid values	1 (ACTIVE) - CICSplex Active, 2 (DELPEND) - Removal pending, 3 (UNDELETE) - Definition re-created									
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
TOPRSUPD	BINARY	CPSM	1	Yes	DIFF	No	RS server top tier	5	1-25	37
UPDATERS	BINARY	CPSM	1	Yes	DIFF	No	RS server update frequency	15	0-25	31

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 **Secondary** key field for this resource class is CICSplex.

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

CICSCMASInCICSplex

Length

120

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

Yes

SCOPE applies

No

Only query CMASs in workload
No

Object type
CICSplex SM Definition

Copybook identifier
EYUt2737

Table 116. Valid CPSM operations

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

Table 117. CPLXCMAS FEEDBACK error codes

Value	Code	Description
1	CPLXCMAS_INV_DATA	Attribute data invalid
2	CPLXCMAS_REC_NOT_FOUND	Requested resource not found
8	CPLXCMAS_LCL_REP_INV_LENGTH	Record length error in local repository
21	CPLXCMAS_REMOTE_METH_FAIL	Attempt to run program in remote system failed
22	CPLXCMAS_REM_EYUDREP_CORRUPT	Error updating remote data repository
26	CPLXCMAS_MAS_ACTIVE	MAS active
27	CPLXCMAS_LCL_EYUDREP_CORRUPT	Error updating local data repository
28	CPLXCMAS_INV_CMASNAME	Invalid CMAS name
30	CPLXCMAS_DELETING_MP	Unassign not valid for MP CMAS

Table 118. CPLXCMAS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
BOTRSUPD	BINARY	CPSM	1	Yes	DIFF	No	RS server bottom tier	1	1-25	46
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			40
CHANGEAGENT Input/output valid values	DREPAPI, DREPBATCH									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			43
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			42
CICSplex-2	CHAR	CPSM	8	Yes	DIFF	Yes	CICSplex			6
CMASNAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	CMAS			5
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			41
DAYLGHTSV	EYUDA	CPSM	4	Yes	LIKE	No	Daylight saving time 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									

Table 118. CPLXCMAS resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
READRS	BINARY	CPSM	2	Yes	DIFF	No	RS server read interval	200	0-2000	38
RODMPOP	EYUDA	CPSM	4	Yes	LIKE	No	Resource status facility populate indicator			34
RODMPOP Input/output valid values	YES, NO									
RSPOOLID	CHAR	CPSM	8	Yes	DIFF	No	RS server pool name	DFHRSTAT		47
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	Status			17
STATUS Input/output valid values	1 (CREPEND) - Create pending, 2 (ACTIVE) - CICSplex Active, 3 (UPDPEND) - Updates pending, 4 (DELPEND) - Removal pending, 5 (UNDELETE) - Recreated									
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
TOPRSUPD	BINARY	CPSM	1	Yes	DIFF	No	RS server top tier	5	1-25	45
UPDATERS	BINARY	CPSM	1	No	DIFF	No	RS server update frequency	15	0-25	39

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSTopologyAutoInstallModel

Length

32

Usage API or WUI or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2813

Table 119. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 120. 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 status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Autoinstall model	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

CRESATOM Resource Table

A CPSM Topology Manager object that describes an instance of an Atom service, feed, collection, or category document definition 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

CICSTopologyAtomService

Length

32

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2842

Table 121. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 122. CRESATOM 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	CV DAS	INQ	4	LIKE	Yes	Enable status	6
ENABLESTATUS Input/output valid values	ENABLED, DISABLED						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
NAME-1	CHAR	CPSM	8	DIFF	Yes	ATOMSERVICE name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

CRESBUND Resource Table

A CPSM Topology Manager object that describes an instance of a bundle definition in 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
CICSTopologyBundle

Length
120

Usage API or WUI or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2843

Table 123. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 124. CRESBUND 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	
BUNDLEID	CHAR	INQ	64	DIFF	Yes	Bundle ID	9
ENABLESTATUS	CVDas	INQ	4	LIKE	Yes	Enable status	6
ENABLESTATUS Input/output valid values	ENABLED, DISABLED, ENABLING, DISABLING, DISCARDING						
MAJORVERSION	BINARY	INQ	4	MAX	Yes	Major Version	10
MGMTPART	CHAR	CPSM	8	DIFF	Yes	Management Part	13
MICROVERSION	BINARY	INQ	4	MAX	Yes	Micro Version	12
MINORVERSION	BINARY	INQ	4	MAX	Yes	Minor Version	11
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
NAME-1	CHAR	CPSM	8	DIFF	Yes	BUNDLE name	4
PARTCOUNT	BINARY	INQ	4	SUM	No	Part count	8

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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
CICSTopologyISCMROConnection

Length
48

Usage API or WUI or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2803

Table 125. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 126. 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 status	7
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
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						

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSTopologyDb2Connection

Length

32

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2826

Table 127. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 128. 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 status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
NAME-1	CHAR	CPSM	8	DIFF	Yes	DB2 connection	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSTopologyDb2Entry

Length

32

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2827

Table 129. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 130. 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 status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
NAME-1	CHAR	CPSM	8	DIFF	Yes	DB2 entry	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSTopologyDb2Transaction

Length

32

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2828

Table 131. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 132. 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 status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
NAME-1	CHAR	CPSM	8	DIFF	Yes	DB2 transaction	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSTopologyDocumentTemplate

Length

32

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2834

Table 133. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 134. 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 status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Document template	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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
CICSTopologyDataSet

Length
80

Usage API or WUI or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2819

Table 135. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 136. CRESDSNM 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		
BACKOUTSTAT	CVDAS	INQ	4	LIKE	No	Backout status	E510+	7
BACKOUTSTAT Output valid values	NORMALBKOUT, FAILEDBKOUT, FAILINGBKOUT, N_A							
DTYPE	CVDAS	CPSM	4	LIKE	No	Data set type		4
DTYPE Output valid values	VSAM, BDAM							
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status		6
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active							
NAME-1	CHAR	CPSM	44	DIFF	Yes	Data set		5
VALIDITY	CVDAS	INQ	4	LIKE	No	Validity status		8

Table 136. CRESDSNM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
VALIDITY Output valid values	VALID, INVALID							

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSTopologyEnqueueModel

Length

32

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2830

Table 137. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 138. 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 status	5

Table 138. CRESENQM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Enqueue model	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

CRESEPAD Resource Table

A CPSM Topology Manager object that describes an instance of an event processing adapter.

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

This resource class has no object specific actions.

External resource name

CICSTopologyEPAdapter

Length

56

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2849

Table 139. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 140. CRESEPAD 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	6

Table 140. CRESEPAD resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ENABLESTATUS Output valid values	ENABLED, DISABLED						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
NAME-1	CHAR	CPSM	32	DIFF	Yes	EP adapter	4

CRESEPAS Resource Table

A CPSM Topology Manager object that describes an instance of an event processing adapter set.

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

This resource class has no object specific actions.

External resource name

CICSTopologyEPAdapterSet

Length

56

Usage API or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2855

Table 141. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 142. CRESEPAS 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	6
ENABLESTATUS Output valid values	ENABLED, DISABLED						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	5

Table 142. CRESEPAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
NAME-1	CHAR	CPSM	32	DIFF	Yes	EP adapter set	4

CRESEVBD Resource Table

A CPSM Topology Manager object that describes an instance of an event binding in a CICS system.

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

This resource class has no object specific actions.

External resource name

CICSTopologyEventBinding

Length

56

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2844

Table 143. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 144. CRESEVBD 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	6
ENABLESTATUS Input/output valid values	ENABLED, DISABLED						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
NAME-1	CHAR	CPSM	32	DIFF	Yes	Event binding name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

CRESEVCS Resource Table

A CPSM Topology Manager object that describes an instance of a capture specification in a CICS system.

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

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

This resource class has no object specific actions.

External resource name

CICSTopologyCaptureSpecification

Length

88

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2847

Table 145. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 146. CRESEVCS 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	
EVENTBINDING-1	CHAR	CPSM	32	DIFF	Yes	Event binding name	4
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	6
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						

Table 146. CRESEVCS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
NAME-2	CHAR	CPSM	32	DIFF	Yes	Event processing capture specification name	5

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSTopologyFEPIConnection

Length

48

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2820

Table 147. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 148. 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

Table 148. CRESFECO resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ACQSTATUS Output valid values	RELEASED, RELEASING, ACQUIRED, ACQUIRING						
MONSTAT	BIT	CPSM	1	LIKE	No	FEPI connection monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
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						

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSTopologyFEPINode

Length

32

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2814

Table 149. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 150. 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 status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted						
NAME-1	CHAR	CPSM	8	DIFF	Yes	FEPI node	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSTopologyFEPIPool

Length

32

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2815

Table 151. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 152. 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 status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted						
NAME-1	CHAR	CPSM	8	DIFF	Yes	FEPI pool	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSTopologyFEPITarget

Length

32

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSPlex SM Manager

Copybook identifier

EYUt2816

Table 153. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 154. 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 status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted						
NAME-1	CHAR	CPSM	8	DIFF	Yes	FEPI target	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSTopologyFile

Length

96

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSPlex SM Manager

Copybook identifier

EYUt2801

Table 155. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 156. CRESFILE 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	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 status	8
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is EXITNAME.

There are no object specific actions for this resource class.

External resource name

CICSTopologyGlobalUserExit

Length

40

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload
No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2821

Table 157. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 158. 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 status	6
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
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						

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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
CICSTopologyIPICConnection

Length
48

Usage API or WUI or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2835

Table 159. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 160. 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	INQ	4	LIKE	No	Connection type	4
CTYPE Output valid values	IPIC						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	7
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
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						

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 or WUI

API view
No

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2804

Table 161. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 162. 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 status	6
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
NAME-1	BINARY	CPSM	2	AVG	Yes	Journal	5
OPENSTATUS	CVDAS	INQ	4	LIKE	No	Open status	7
OPENSTATUS Output valid values	OPENOUTPUT, CLOSED						

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

There are no object specific actions for this resource class.

External resource name

CICSTopologyJournalName

Length

40

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2825

Table 163. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 164. 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 status	6
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
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						

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

CRESJVMS Resource Table

A CPSM Topology Manager object that describes an instance of a JVMSERVER definition in 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

CICSTopologyJVMServer

Length

32

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSPlex SM Manager

Copybook identifier

EYUt2846

Table 165. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 166. CRESJVMS 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	CPSM	4	LIKE	No	Enable status	7
ENABLESTATUS Input/output valid values	ENABLED, DISABLED						
ENABLESTATUS Output valid values	ENABLING, DISABLING, DISCARDING						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
NAME-1	CHAR	CPSM	8	DIFF	Yes	JVM server name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

CRESLIBR Resource Table

A CPSM Topology Manager object that describes an instance of a LIBRARY definition in 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

CICSTopologyLibrary

Length

48

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSPlex SM Manager

Copybook identifier

EYUt2836

Table 167. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 168. CRESLIBR 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		
APPLTOKEN	BINARY	CPSM	8	MAX	Yes	Application Qualifier Token	E640 E650 E660 E670 E680	8
CRITSTATUS	CVDAS	INQ	4	LIKE	Yes	Critical status		6
CRITSTATUS Input/output valid values	CRITICAL, NONCRITICAL							
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enable status		7
ENABLESTATUS Input/output valid values	DISABLED, ENABLED, DISABLING, ENABLING, DISCARDING							
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status		5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active							
NAME-1	CHAR	CPSM	8	DIFF	Yes	LIBRARY name		4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is CONNNAME.

There are no object specific actions for this resource class.

External resource name

CICSTopologyLU62ModeName

Length

40

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2807

Table 169. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 170. 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						

Table 170. CRESMODE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Mode name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSTopologyPartner

Length

32

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2817

Table 171. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 172. 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	

Table 172. CRESPART resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Partner	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

CRESPIPE Resource Table

A CPSM Topology Manager object that describes an instance of a PIPELINE definition in 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

CICSTopologyPipeline

Length

32

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2841

Table 173. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 174. CRESPIPE 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 174. CRESPIPE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enable status	6
ENABLESTATUS Input/output valid values	ENABLED, DISABLED, ENABLING, DISABLING, DISCARDING						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
NAME-1	CHAR	CPSM	8	DIFF	Yes	PIPELINE name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSTopologyProgram

Length

56

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSPlex SM Manager

Copybook identifier

EYUt2802

Table 175. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 176. CRESPRGM 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		
APPLTOKEN	BINARY	CPSM	8	MAX	Yes	Application Qualifier Token	E640 E650 E660 E670 E680	9
ENABLESTATUS	CV DAS	INQ	4	LIKE	No	Enabled status		8
ENABLESTATUS Output valid values	ENABLED, DISABLED							
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status		7
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active							
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSTopologyProfile

Length

32

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2818

Table 177. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 178. 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 status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Profile	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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
CICSTopologyBTSPProcessType

Length
32

Usage API or WUI or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2832

Table 179. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 180. 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 status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
NAME-1	CHAR	CPSM	8	DIFF	Yes	BTS process type	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSTopologyRequestModel

Length

32

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier
EYUt2831

Table 181. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 182. 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 status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Request model	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSTopologySystemDump

Length

40

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier
EYUt2822

Table 183. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 184. 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 status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
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						

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSTopologyTCPIPService

Length

32

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload
No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2833

Table 185. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 186. 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 status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
NAME-1	CHAR	CPSM	8	DIFF	Yes	TCP/IP service	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSTopologyTransactionDump

Length

40

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload
No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2823

Table 187. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 188. 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 status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
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						

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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
CICSTopologyTDQueue

Length
48

Usage API or WUI or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICSplex SM Manager

Copybook identifier
EYUt2805

Table 189. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 190. 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, NOTAPPLIC						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	8
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
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, NOTAPPLIC						
QTYPE	CVDAS	CPSM	4	LIKE	No	TD queue type	4
QTYPE Output valid values	INTRA, EXTRA, REMOTE, INDIRECT						
REMOTENAME	CHAR	CPSM	4	DIFF	No	TD queue name on remote system	6
REMOTESYSTEM	CHAR	CPSM	4	DIFF	No	Remote system ID	7

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSTopologyTerminal

Length

40

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2806

Table 191. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 192. 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, RELEASING, NOTAPPLIC						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
NAME-1	CHAR	CPSM	4	DIFF	Yes	Terminal	4
NETNAME	CHAR	CPSM	8	DIFF	No	Terminal network name	8
SERVSTATUS	CVDAS	INQ	4	LIKE	No	Service status	7
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE						

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSTopologyTransaction

Length

56

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSPlex SM Manager

Copybook identifier

EYUt2800

Table 193. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 194. 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	CV DAS	INQ	4	LIKE	No	Enabled status	9
ENABLESTATUS Output valid values	ENABLED, DISABLED						
MONSTAT	BIT	CPSM	1	LIKE	No	Transaction monitoring status	8
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
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
TTYTYPE	EYUDA	CPSM	4	LIKE	No	Transaction type	4
TTYTYPE Output valid values	LTRAN, RTRAN						

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is ENTRYNME.

There are no object specific actions for this resource class.

External resource name

CICSTopologyTaskRelatedExit

Length

40

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2824

Table 195. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 196. 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 status	5

Table 196. CRESTRUE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
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						

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSTopologyTSMModel

Length

32

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2829

Table 197. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 198. 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 status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
NAME-1	CHAR	CPSM	8	DIFF	Yes	Temporary storage model	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

CRESURIM Resource Table

A CPSM Topology Manager object that describes an instance of a URIMAP definition in 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

CICSTopologyURIMap

Length

32

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSPlex SM Manager

Copybook identifier

EYUt2840

Table 199. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 200. CRESURIM resource table attributes

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

Table 200. CRESURIM 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	
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enable status	6
ENABLESTATUS Input/output valid values	ENABLED, DISABLED, DISABLEDHOST						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
NAME-1	CHAR	CPSM	8	DIFF	Yes	URIMAP name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

CRESWEBS Resource Table

A CPSM Topology Manager object that describes an instance of a WEBSERVICE definition in 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

CICSTopologyWebService

Length

56

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSPlex SM Manager

Copybook identifier

EYUt2839

Table 201. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 202. CRESWEBS 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 status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
NAME-1	CHAR	CPSM	32	DIFF	Yes	WEBSERVICE name	4
STATE	CVDAS	INQ	4	LIKE	Yes	Web service state	6
STATE Input/output valid values	DISCARDING, INITING, INSERVICE, UNUSABLE						

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

CRESXMLT Resource Table

A CPSM Topology Manager object that describes an instance of an XMLTRANSFORM resource in a CICS system.

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

There are no object specific actions for this resource class.

External resource name

CICSTopologyXMLTransform

Length

56

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2848

Table 203. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 204. CRESXMLT 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	6
ENABLESTATUS Input/output valid values	ENABLED, DISABLED						
ENABLESTATUS Output valid values	ENABLING, DISABLING						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
NAME-1	CHAR	CPSM	32	DIFF	Yes	XML Transform name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

CSDGROUP Resource Table

A CICSplex SM CICS System Definition (CSD) that provides the association anchor for a set of CICS CSD resources. References to a CSDGROUP are inferred to be references to the set of associated CICS CSD resources.

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

The following actions are supported:

CSDADD

Adds a CSD group to a CSD list.

The parameter data for the CSDADD action is described in “Managing CICS definitions in the CSD” on page 14.

CSDINSTALL

Install the CICS CSD resource definitions in a CSD group into an active system.

The parameter data for the CSDINSTALL action is described in “Managing CICS definitions in the CSD” on page 14.

CSDLOCK

Restricts update or delete access to a CSD list. When you lock a CSD list, other users can view or copy it, but they are restricted from changing or deleting it.

CSDUNLOCK

Removes the lock from a CSD list previously locked by the CSDLOCK action.

External resource name

CICSCSDGroup

Length

16

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt3701

Table 205. Valid CPSM operations

Operations	Actions	Parameters	Required
GET	CSDADD	None	N/A
REMOVE		LISTREMOVE	No
PERFORM		ADD_CSDGROUP(value)	No
SET		ADD_LOCATION(BEFORE, AFTER)	No
		TO_CSDLIST(value)	Yes
		CSDINSTALL	N/A
		CSDLOCK	N/A
	CSDUNLOCK	None	N/A

Table 206. CSDGROUP FEEDBACK error codes

Value	Code	Description
1	CSDGROUP_INV_DATA	Attribute data invalid
2	CSDGROUP_REC_NOT_FOUND	Requested resource not found
21	CSDGROUP_PARTIAL_ACTION	Partial action
22	CSDGROUP_NOTHING_ACTIONED	Nothing actioned
23	CSDGROUP_PARTIAL_INSTALL	Partial install
24	CSDGROUP_NOTHING_INSTALLED	Nothing installed
25	CSDGROUP_REC_NOT_REMOVED	Requested resource not removed
26	CSDGROUP_CSD_ERROR	CSD access error

Table 207. CSDGROUP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CICSSYS	CHAR	CPSM	8	DIFF	CICS system name	5
NAME-1	CHAR	CPSM	8	DIFF	CSD group name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

CSDINGRP Resource Table

A CICSplex SM CICS System Definition (CSD) resource class that references the CICS CSD resources associated with a specific CSDGROUP resource class.

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

The **Secondary** key field for this resource class is DEFNAME.

The **Tertiary** key field for this resource class is DEFTYPE.

The following action is supported:

CSDINSTALL

Install the CICS CSD resource definitions in a CSD group into an active system.

The parameter data for the CSDINSTALL action is described in “Managing CICS definitions in the CSD” on page 14.

External resource name

CICSCSDResource

Length

32

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt3751

Table 208. Valid CPSM operations

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

Table 209. CSDINGRP FEEDBACK error codes

Value	Code	Description
1	CSDINGRP_INV_DATA	Attribute data invalid
2	CSDINGRP_REC_NOT_FOUND	Requested resource not found
23	CSDINGRP_PARTIAL_INSTALL	Partial install
24	CSDINGRP_NOTHING_INSTALLED	Nothing installed
25	CSDINGRP_CSD_ERROR	CSD access error

Table 210. CSDINGRP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CICSSYS	CHAR	CPSM	8	DIFF	CICS system name	8
CPSMTYPE	RESTYPE	CPSM	2	LIKE	CPSM resource definition type	7
CSDGROUP-1	CHAR	CPSM	8	DIFF	CSD group name	4
DEFNAME-2	CHAR	CPSM	8	DIFF	Resource definition	5
DEFTYPE-3	CVDAS	CPSM	4	LIKE	CICS resource definition type	6
DEFTYPE-3 Output valid values	ATOMSERVICE, BUNDLE, CONNECTION, CORBASERVER, DB2CONN, DB2ENTRY, DB2TRAN, DJAR, DOCTEMPLATE, ENQMODEL, FILE, IPCONN, JOURNALMODEL, JVMSERVER, LIBRARY, LSRPOOL, MAP, MQCONN, PARTITIONSET, PARTNER, PIPELINE, PROCESSTYPE, PROFILE, PROGRAM, REQUESTMODEL, SESSIONS, TCPIPSERVICE, TDQUEUE, TERMINAL, TRANCLASS, TRANSACTION, TSMODEL, TYPETERM, URIMAP, WEBSERVICE					

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

CSDINLST Resource Table

A CICSplex SM CICS System Definition (CSD) resource class that references the CICS CSD groups associated with a specific CSDLIST.

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

The **Secondary** key field for this resource class is LISTSEQ.

The **Tertiary** key field for this resource class is CSDGROUP.

There are no object specific actions for this resource class.

External resource name

CICSCSDGroupInList

Length

32

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt3750

Table 211. Valid CPSM operations

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

Table 212. CSDINLST FEEDBACK error codes

Value	Code	Description
1	CSDINLST_INV_DATA	Attribute data invalid
2	CSDINLST_REC_NOT_FOUND	Requested resource not found
21	CSDINLST_REC_NOT_REMOVED	Requested resource not removed
22	CSDINLST_CSD_ERROR	CSD access error

Table 213. CSDINLST resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CICSSYS	CHAR	CPSM	8	DIFF	CICS system name	6
CSDGROUP-3	CHAR	CPSM	8	DIFF	CSD group name	5
CSDLIST-1	CHAR	CPSM	8	DIFF	CSD list name	4
LISTSEQ-2	BINARY	CPSM	4	DIFF	CSD list sequence number	7

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

CSDLIST Resource Table

A CICSplex SM CICS System Definition (CSD) object that lists collections of CSD groups that can be installed in CICS systems manually or during a cold or initial start.

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

The following actions are supported:

CSDAPPEND

Append the CSD groups in one CSD list to another list.

The parameter data for the CSDAPPEND action is described in “Managing CICS definitions in the CSD” on page 14.

CSDINSTALL

Install the CICS CSD resource definitions in a CSD list into an active system.

The parameter data for the CSDINSTALL action is described in “Managing CICS definitions in the CSD” on page 14.

CSDLOCK

Restricts update or delete access to a CSD list. When you lock a CSD list, other users can view or copy it, but they are restricted from changing or deleting it.

CSDUNLOCK

Removes the lock from a CSD list previously locked by the CSDLOCK action.

External resource name
CICSCSDList

Length
16

Usage API or WUI or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICSplex SM Manager

Copybook identifier
EYUt3700

Table 214. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM	CSDAPPEND	To_CSDList(value)	Yes
SET	CSDINSTALL	None	N/A
	CSDLOCK	None	N/A
	CSDUNLOCK	None	N/A

Table 215. CSDLIST FEEDBACK error codes

Value	Code	Description
1	CSDLIST_INV_DATA	Attribute data invalid
2	CSDLIST_REC_NOT_FOUND	Requested resource not found
21	CSDLIST_PARTIAL_INSTALL	Partial install
22	CSDLIST_NOTHING_INSTALLED	Nothing installed
23	CSDLIST_PARTIAL_ACTION	Partial action
24	CSDLIST_NOTHING_ACTIONED	Nothing actioned
25	CSDLIST_CSD_ERROR	CSD access error

Table 216. CSDLIST resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CICSSYS	CHAR	CPSM	8	DIFF	CICS system name	5
NAME-1	CHAR	CPSM	8	DIFF	CSD list name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

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

There are no object specific actions for this resource class.

External resource name

CICSSystemGroupToSystemGroup

Length

56

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSPlex SM Definition

Copybook identifier

EYUt4099

Table 217. Valid CPSM operations

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

Table 218. CSGLCGCG FEEDBACK error codes

Value	Code	Description
1	CSGLCGCG_INV_DATA	Attribute data invalid
2	CSGLCGCG_REC_NOT_FOUND	Requested resource not found
3	CSGLCGCG_INV_REFERENCE	Attribute references an invalid resource
4	CSGLCGCG_REC_EXISTS	Resource already exists
21	CSGLCGCG_ASSOCIATION	Invalid associated group
22	CSGLCGCG_INCONSISTENT_SET	BAS inconsistent set
23	CSGLCGCG_CYCLIC_GROUPS	Link causes cyclical groups
24	CSGLCGCG_INCONSISTENT_SCOPES	Inconsistent scopes
25	CSGLCGCG_INV_ATTR	Must be a system group
26	CSGLCGCG_IS_PLATFORM_SYSGROUP	System group is a platform group
27	CSGLCGCG_UNKNOWN_SCOPE	Unknown scope

Table 219. CSGLCGCG resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	7
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	10
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	9
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	8
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

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

There are no object specific actions for this resource class.

External resource name

CICSSystemToSystemGroup

Length

56

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt4098

Table 220. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 220. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
CREATE		MONSPC_INHRT(KEEP, NULL, FORCE)	No
		RTASPC_INHRT(KEEP, NULL, FORCE)	No
		WLMSPC_INHRT(KEEP, NULL, FORCE)	No
REMOVE		MONSPC_INHRT(NONE, KEEP)	No
		RTASPC_INHRT(NONE, KEEP)	No
		WLMSPC_INHRT(NONE, KEEP)	No

Table 221. CSGLCGCS FEEDBACK error codes

Value	Code	Description
1	CSGLCGCS_INV_DATA	Attribute data invalid
2	CSGLCGCS_REC_NOT_FOUND	Requested resource not found
3	CSGLCGCS_INV_REFERENCE	Attribute references an invalid resource
4	CSGLCGCS_REC_EXISTS	Resource already exists
21	CSGLCGCS_ASSOCIATION	Invalid group association
22	CSGLCGCS_INCONSISTENT_SET	BAS inconsistent set
23	CSGLCGCS_INCONSISTENT_SCOPES	Inconsistent scopes
24	CSGLCGCS_UNKNOWN_SCOPE	Unknown scope
25	CSGLCGCS_INV_ATTR	Must be a system definition
26	CSGLCGCS_IS_PLATFORM_SYSGROUP	System group is a platform group
27	CSGLCGCS_CICSSYS_IN_USE	CICS system is currently in use
28	CSGLCGCS_INVALID_SCOPE	Unknown scope treated as invalid

Table 222. CSGLCGCS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	7
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	10
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	9
CICSNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	CICS system	6
CREATEORIGIN	EYUDA	CPSM	4	No	DIFF	Yes	Definition origin	12
CREATEORIGIN Input/output valid values	N_A, PLATFORM							
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	8
GROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	CICS system group	5

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

BOTRSUP, CICSSAMP, CONNSAMP, DBXSAMP, FILESAMP, GLBLSAMP, JRNLSAMP, PROGSAMP, RETENTION, READRS, TDQSAMP, TERMSAMP, TOPRSUPD 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 9.

External resource name

CICSRegionDefinition

Length

472

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt3500

Table 223. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		MODEL(value)	No
UPDATE		MODEL(value)	No
REMOVE		None	N/A
PERFORM	ADDTOGRP	MONSPC_INHRT(KEEP, NULL, FORCE)	No
SET		RTASPC_INHRT(KEEP, NULL, FORCE)	No
		TOGROUP(value)	Yes
		WLMSPC_INHRT(KEEP, NULL, FORCE)	No

Table 224. CSYSDEF FEEDBACK error codes

Value	Code	Description
1	CSYSDEF_INV_DATA	Attribute data invalid
2	CSYSDEF_REC_NOT_FOUND	Requested resource not found
3	CSYSDEF_INV_REFERENCE	Group not found
4	CSYSDEF_REC_EXISTS	Resource already exists
5	CSYSDEF_REC_CHANGED	Resource definition already changed
6	CSYSDEF_INV_RESTYPE	Invalid resource type
21	CSYSDEF_INV_SYS_NAME	Invalid system name
22	CSYSDEF_INV_MODEL_NAME	Invalid model name
23	CSYSDEF_INV_RECADDR	Invalid record address
24	CSYSDEF_INV_RECLEN	Invalid record length
25	CSYSDEF_INCONSISTENT_SET	BAS inconsistent set
26	CSYSDEF_INCONSISTENT_SCOPES	BAS inconsistent Scopes
27	CSYSDEF_ASSOCIATION	Invalid group association
28	CSYSDEF_CYCLIC_GROUPS	Link causes cyclic groups
29	CSYSDEF_CICSSYS_IN_USE	Requested resource in use
30	CSYSDEF_IS_PLATFORM_SYSGROUP	System group is a platform group
31	CSYSDEF_IS_PLATFORM_SYSTEM	System is a platform system
32	CSYSDEF_PLATFORM_PROTECT_FIELD	Platform protected field

Table 225. 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, COLDONLY, WARMONLY									
BOTRSUPD	BINARY	CPSM	1	Yes	DIFF	No	RS server bottom tier	*	1-25	61
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			53
CHANGEAGENT Input/output valid values	DREPAPI, DREPBATCH									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			56

Table 225. CSYSDEF 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
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			55
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
CONTEXT	CHAR	CPSM	8	No	DIFF	No	CSYSDEF context			59
CREATEORIGIN	EYUDA	CPSM	4	No	LIKE	Yes	Definition origin			67
CREATEORIGIN Input/output valid values	N_A, PLATFORM									
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			54
DAYLIGHTSV	EYUDA	CPSM	4	Yes	LIKE	No	Daylight saving time in effect	INHERIT		41
DAYLIGHTSV Input/output valid values	YES, NO, INHERIT									
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
HOST	CHAR	CPSM	116	No	DIFF	Yes	Host name			49
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									
MPCMASID	CHAR	CPSM	8	No	DIFF	No	Maintenance point CMAS ID			58
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
NETWORKID	CHAR	CPSM	8	No	DIFF	No	Network ID			48
NRMACTION	CHAR	CPSM	8	No	DIFF	No	Action for Non-responsive-MAS event	*		66
NRMSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for Non-responsive-MAS event	HW		65

Table 225. CSYSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
NRMSEV Input/output valid values	N_A, NO, VLS, LS, LW, HW, HS, VHS, INHERIT									
PORT	CHAR	CPSM	8	No	DIFF	No	Port number		1-65535	50
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
READRS	BINARY	CPSM	2	No	DIFF	No	RS server read interval	*	0-2000	51
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
SECRESCHK 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									

Table 225. CSYSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
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
TOPRSUPD	BINARY	CPSM	1	Yes	DIFF	No	RS server top tier	*	1-25	60
TRANSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for transaction monitoring	INHERIT	0-86400	17
UPDATERS	BINARY	CPSM	1	No	DIFF	No	RS server update frequency	*	0-25	52
WLMOPTEN	EYUDA	CPSM	4	Yes	LIKE	No	WLM optimization enablement	DISABLED		64
WLMOPTEN Input/output valid values	ENABLED, DISABLED									
WLMQMODE	EYUDA	CPSM	4	Yes	LIKE	No	Task load queue mode	ALL		63
WLMQMODE Input/output valid values	ALL, MAXTASK									
WLMSTATUS	EYUDA	CPSM	4	Yes	LIKE	No	Routing region active at startup	YES		20
WLMSTATUS Input/output valid values	YES, NO									
WLMTHRSH	BINARY	CPSM	1	Yes	DIFF	No	Task load health threshold	60	1-100	62

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The following action is supported:

ADDTOGRP

Add a group to group link.

External resource name

CICSRegionGroup

Length

184

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt3501

Table 226. 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 227. CSYSGRP FEEDBACK error codes

Value	Code	Description
1	CSYSGRP_INV_DATA	Attribute data invalid
2	CSYSGRP_REC_NOT_FOUND	Requested resource not found
3	CSYSGRP_INV_REFERENCE	Group does not exist
4	CSYSGRP_REC_EXISTS	Resource already exists
5	CSYSGRP_REC_CHANGED	Resource definition already changed
21	CSYSGRP_INV_GROUP	Invalid group
22	CSYSGRP_SYSGROUP_IN_USE	System group in use
23	CSYSGRP_ASSOCIATION	Togroup matches group
24	CSYSGRP_INCONSISTENT_SET	BAS inconsistent set
25	CSYSGRP_CYCLIC_GROUPS	Link causes cyclic groups
26	CSYSGRP_INCONSISTENT_SCOPES	BAS inconsistent set
27	CSYSGRP_IS_PLATFORM_SYSGROUP	System group is a platform group
28	CSYSGRP_NOT_PLATFORM_SYSGROUP	System group is a not a platform group
29	CSYSGRP_INV_REGIONTYPE	Region type invalid
30	CSYSGRP_INV_PLATDEF	Platform definition invalid

Table 228. CSYSGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			8
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed			1

Table 228. CSYSGRP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			10
CREATEORIGIN	EYUDA	CPSM	4	No	DIFF	Yes	Definition origin			15
CREATEORIGIN Input/output valid values	N_A, PLATFORM									
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			9
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
PLATDEF	CHAR	CPSM	8	No	DIFF	Yes	Associated platform definition			13
REGIONTYPE	CHAR	CPSM	64	No	DIFF	Yes	Region type			14

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is DB2CNAME.

The **Tertiary** key field for this resource class is DB2CVER.

There are no object specific actions for this resource class.

External resource name

Length

56

Usage API or Batch Utility or WUI

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6162

Table 229. Valid CPSM operations

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

Table 230. D2CINGRP FEEDBACK error codes

Value	Code	Description
1	D2CINGRP_INV_DATA	Attribute data invalid
2	D2CINGRP_REC_NOT_FOUND	Requested resource not found
4	D2CINGRP_REC_EXISTS	Resource already exists
6	D2CINGRP_INV_RESTYPE	Invalid resource type
7	D2CINGRP_INV_VER	Invalid resource version
11	D2CINGRP_NON_MP	Maintenance point CMAS not available
12	D2CINGRP_INV_CONTEXT	Context not found
21	D2CINGRP_INCONSISTENT_SET	Inconsistent set
22	D2CINGRP_DIFF_VERSION	Different version
23	D2CINGRP_INV_NAME	Invalid name
24	D2CINGRP_INV_MINNAME	Invalid minor name

Table 231. D2CINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is DB2ENAME.

The **Tertiary** key field for this resource class is DB2EVER.

There are no object specific actions for this resource class.

External resource name

Length

56

Usage API or Batch Utility or WUI

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6163

Table 232. Valid CPSM operations

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

Table 233. D2EINGRP FEEDBACK error codes

Value	Code	Description
1	D2EINGRP_INV_DATA	Attribute data invalid
2	D2EINGRP_REC_NOT_FOUND	Requested resource not found
4	D2EINGRP_REC_EXISTS	Resource already exists
6	D2EINGRP_INV_RESTYPE	Invalid resource type
7	D2EINGRP_INV_VER	Invalid resource version
11	D2EINGRP_NON_MP	Maintenance point CMAS not available
12	D2EINGRP_INV_CONTEXT	Context not found
21	D2EINGRP_INCONSISTENT_SET	Inconsistent set
22	D2EINGRP_DIFF_VERSION	Different version
23	D2EINGRP_INV_NAME	Invalid name
24	D2EINGRP_INV_MINNAME	Invalid minor name

Table 234. D2EINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
DB2EGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5

Table 234. D2EINGRP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 DB2TGROU.

The **Secondary** key field for this resource class is DB2TNAME.

The **Tertiary** key field for this resource class is DB2TVER.

There are no object specific actions for this resource class.

External resource name

Length

56

Usage API or Batch Utility or WUI

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6164

Table 235. Valid CPSM operations

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

Table 236. D2TINGRP FEEDBACK error codes

Value	Code	Description
1	D2TINGRP_INV_DATA	Attribute data invalid
2	D2TINGRP_REC_NOT_FOUND	Requested resource not found
4	D2TINGRP_REC_EXISTS	Resource already exists
6	D2TINGRP_INV_RESTYPE	Invalid resource type
7	D2TINGRP_INV_VER	Invalid resource version
11	D2TINGRP_NON_MP	Maintenance point CMAS not available
12	D2TINGRP_INV_CONTEXT	Context not found
21	D2TINGRP_INCONSISTENT_SET	Inconsistent set
22	D2TINGRP_DIFF_VERSION	Different version
23	D2TINGRP_INV_NAME	Invalid name
24	D2TINGRP_INV_MINNAME	Invalid minor name

Table 237. D2TINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

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 using BAS” on page 17.

External resource name

CICSDefinitionDb2Connection

Length

280

Usage API or Batch Utility or WUI or CICS Management Client Interface**API view**

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3817

Table 238. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM	INSTALL	FORCEINS(YES, NO)	No
SET		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	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
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 239. DB2CDEF FEEDBACK error codes

Value	Code	Description
1	DB2CDEF_INV_DATA	Attribute data invalid
2	DB2CDEF_REC_NOT_FOUND	Requested resource not found
4	DB2CDEF_REC_EXISTS	Resource already exists
5	DB2CDEF_REC_CHANGED	Resource definition already changed
6	DB2CDEF_INV_RESTYPE	Invalid resource type
7	DB2CDEF_INV_VER	Invalid resource version
11	DB2CDEF_NON_MP	Maintenance point CMAS not available

Table 239. DB2CDEF FEEDBACK error codes (continued)

Value	Code	Description
12	DB2CDEF_INV_CONTEXT	Context not found
13	DB2CDEF_INCONSISTENT_SET	Inconsistent set condition
14	DB2CDEF_INV_RESGROUP	Resource group not found
21	DB2CDEF_INV_ACTION	Invalid action
22	DB2CDEF_INV_RECADDR	Invalid record address
23	DB2CDEF_INV_RECLEN	Invalid record length
24	DB2CDEF_DIFF_VERSION	Different version
25	DB2CDEF_EARLY_NAMELIST_END	Early name list end
26	DB2CDEF_INV_NAMELIST	Invalid name list
27	DB2CDEF_INV_NAME	Invalid name
28	DB2CDEF_INV_MINNAME	Invalid minor name
29	DB2CDEF_NOTIFY	Notify
30	DB2CDEF_PARTIAL_INSTALL	Partial install
31	DB2CDEF_NOTHING_INSTALLED	Nothing installed
32	DB2CDEF_NO_TARGETS	No targets
33	DB2CDEF_NO_RELATED	No related systems
34	DB2CDEF_INV_TSCOPE	Invalid target scope
35	DB2CDEF_INV_RSCOPE	Invalid related scope
36	DB2CDEF_INV_USAGE	Invalid usage
37	DB2CDEF_INV_MODE	Invalid mode
38	DB2CDEF_INV_STATECHK	Invalid state check
39	DB2CDEF_INV_FORCEINS	Invalid force install
40	DB2CDEF_INV_NOTIFY	Invalid notify
41	DB2CDEF_INV_OVERTYPE	Invalid over type
42	DB2CDEF_INV_OVRBLOCK	Invalid override block
43	DB2CDEF_INV_ORSTRING	Invalid override string
44	DB2CDEF_INV_STRNGTERM	Invalid string terminator
45	DB2CDEF_INV_EMBEDTERM	Invalid embedded terminator
46	DB2CDEF_INV_ATTRIBUTE	Invalid attribute
47	DB2CDEF_INV_LITERAL	Invalid literal
48	DB2CDEF_INV_ORSTGNA	Invalid override string
49	DB2CDEF_SCOPE_REQUIRED	Scope required
50	DB2CDEF_USAGE_CONFLICT	Usage conflict
51	DB2CDEF_NODEFS_SELECTED	No definitions selected
52	DB2CDEF_MORE_THAN_1_RELSYS	More than one related system
53	DB2CDEF_MISSING_RELSYSID	Missing related system identifier
54	DB2CDEF_SCOPE_CONFLICT	Scope conflict
55	DB2CDEF_INV_CSDGROUP	Invalid CSD group
56	DB2CDEF_REC_NOT_REMOVED	Record not removed
57	DB2CDEF_INV_RESOURCE	Invalid resource
58	DB2CDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	DB2CDEF_PARTIAL_ACTION	Partial action
60	DB2CDEF_NOTHING_ACTIONED	Nothing actioned
61	DB2CDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	DB2CDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	DB2CDEF_CSD_ERROR	CSD access error

Table 240. DB2CDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	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										
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	43
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	45
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	44
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
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	47
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
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7

Table 240. DB2CDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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	TCB priority	HIGH			28
PRIORITY Input/output valid values	HIGH, LOW, EQUAL										
PURGE CYCLEM	CHAR	CPSM	2	Yes	DIFF	No	Protected thread purge cycle (minutes)	0	0-59		15
PURGE CYCLES	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										
REUSELIMIT	CHAR	CPSM	5	Yes	LIKE	No	Thread reuse limit	1000	0-10000	E640 E650 E660	48
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 connections into DB2	12	4-2000		20
THREADERROR	CVDAS	CPSM	4	Yes	LIKE	No	Action following thread error	N906D			21
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSDB2Connection

Length

400

Usage API or WUI or CICS Management Client Interface 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 241. Valid CPSM operations

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

Table 242. DB2CONN 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			
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								
AUTHTYPE Output valid values	NOTAPPLIC								
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	77
CCALLS	CNUMERIC	STAT	4	AVG	No	Number of calls using command threads			55
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	69
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	70
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	72
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	68
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								
COMAUTHTYPE Output valid values	NOTAPPLIC								
COMTHREADLIM	CNUMERIC	INQ	4	AVG	Yes	Maximum number of command threads			6
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								

Table 242. DB2CONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	73
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	74
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
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	71
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	76
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	75
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

Table 242. DB2CONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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
PREUSELIMCT	BINARY	STAT	4	AVG	No	Number of times a pool thread reached REUSELIMIT		E640 E650 E660	80
PRIORITY	CVDAS	INQ	4	LIKE	Yes	TCB priority			20
PRIORITY Input/output valid values	HIGH, EQUAL, LOW								
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, NOTAPPLIC								
REUSELIMIT	BINARY	INQ	4	AVG	Yes	Thread reuse limit		E640 E650 E660	79
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 connections without a TCB			62
TCBLIMIT	CNUMERIC	INQ	4	AVG	Yes	Maximum number of connections (TCBLIMIT)			26

Table 242. DB2CONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
TCBRDYQCURR	CNUMERIC	STAT	4	AVG	No	Current number of tasks waiting for a connection			63
TCBRDYQHWM	CNUMERIC	STAT	4	AVG	No	Peak number of tasks waiting for a connection			64
TCBS	CNUMERIC	INQ	4	AVG	No	Current number of connections with a TCB			25
TCURR	CNUMERIC	STAT	4	AVG	No	Current number of connections with a TCB			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
TLIMIT	CNUMERIC	STAT	4	AVG	No	Current maximum number of subtask TCBs			36

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

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 using BAS” on page 17.

External resource name

CICSDefinitionDb2Entry

Length

200

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICS Definition

Copybook identifier
EYUt3818

Table 243. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM	INSTALL	FORCEINS(YES, NO)	No
SET		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		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
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 244. DB2EDEF FEEDBACK error codes

Value	Code	Description
1	DB2EDEF_INV_DATA	Attribute data invalid
2	DB2EDEF_REC_NOT_FOUND	Requested resource not found
4	DB2EDEF_REC_EXISTS	Resource already exists
5	DB2EDEF_REC_CHANGED	Resource definition already changed
6	DB2EDEF_INV_RESTYPE	Invalid resource type
7	DB2EDEF_INV_VER	Invalid resource version
11	DB2EDEF_NON_MP	Maintenance point CMAS not available
12	DB2EDEF_INV_CONTEXT	Context not found
13	DB2EDEF_INCONSISTENT_SET	Inconsistent set condition
14	DB2EDEF_INV_RESGROUP	Resource group not found
21	DB2EDEF_INV_ACTION	Invalid action
22	DB2EDEF_INV_RECADDR	Invalid record address
23	DB2EDEF_INV_RECLN	Invalid record length

Table 244. DB2EDEF FEEDBACK error codes (continued)

Value	Code	Description
24	DB2EDEF_DIFF_VERSION	Different version
25	DB2EDEF_EARLY_NAMELIST_END	Early name list end
26	DB2EDEF_INV_NAMELIST	Invalid name list
27	DB2EDEF_INV_NAME	Invalid name
28	DB2EDEF_INV_MINNAME	Invalid minor name
29	DB2EDEF_NOTIFY	Notify
30	DB2EDEF_PARTIAL_INSTALL	Partial install
31	DB2EDEF_NOHING_INSTALLED	Nothing installed
32	DB2EDEF_NO_TARGETS	No targets
33	DB2EDEF_NO_RELATED	No related systems
34	DB2EDEF_INV_TSCOPE	Invalid target scope
35	DB2EDEF_INV_RSCOPE	Invalid related scope
36	DB2EDEF_INV_USAGE	Invalid usage
37	DB2EDEF_INV_MODE	Invalid mode
38	DB2EDEF_INV_STATECHK	Invalid state check
39	DB2EDEF_INV_FORCEINS	Invalid force install
40	DB2EDEF_INV_NOTIFY	Invalid notify
41	DB2EDEF_INV_OVERTYPE	Invalid over type
42	DB2EDEF_INV_OVRBLOCK	Invalid override block
43	DB2EDEF_INV_ORSTRING	Invalid override string
44	DB2EDEF_INV_STRNGTERM	Invalid string terminator
45	DB2EDEF_INV_EMBEDTERM	Invalid embedded terminator
46	DB2EDEF_INV_ATTRIBUTE	Invalid attribute
47	DB2EDEF_INV_LITERAL	Invalid literal
48	DB2EDEF_INV_ORSTGNA	Invalid override string
49	DB2EDEF_SCOPE_REQUIRED	Scope required
50	DB2EDEF_USAGE_CONFLICT	Usage conflict
51	DB2EDEF_NODEFS_SELECTED	No definitions selected
52	DB2EDEF_MORE_THAN_1_RELSYS	More than one related system
53	DB2EDEF_MISSING_RELSYSID	Missing related system identifier
54	DB2EDEF_SCOPE_CONFLICT	Scope conflict
55	DB2EDEF_INV_CSDGROUP	Invalid CSD group
56	DB2EDEF_REC_NOT_REMOVED	Record not removed
57	DB2EDEF_INV_RESOURCE	Invalid resource
58	DB2EDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	DB2EDEF_PARTIAL_ACTION	Partial action
60	DB2EDEF_NOHING_ACTIONED	Nothing actioned
61	DB2EDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	DB2EDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	DB2EDEF_CSD_ERROR	CSD access error

Table 245. DB2EDEF resource table attributes

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

Table 245. DB2EDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
AUTHTYPE Input/output valid values	NOTAPPLIC, GROUP, SIGN, TERM, TX, OPID, USERID										
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	26
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	28
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	27
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				20
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	30
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	TCB 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
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				23

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSDB2Entry

Length

240

Usage API or WUI or CICS Management Client Interface 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 246. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM	DISABLE	BUSY(WAIT, NOWAIT, FORCE)	Yes
SET	DISCARD	None	N/A
	ENABLE	None	N/A

Table 247. DB2ENTRY 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			
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								
BASDEFINER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	44
CALLS	CNUMERIC	STAT	4	AVG	No	Number of calls			16
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	35
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	37
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	38
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	36
COMMITTS	CNUMERIC	STAT	4	AVG	No	Number of commits			18
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	39
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	40
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								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	43
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	42
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	41
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	TCB priority			12
PRIORITY Input/output valid values	HIGH, EQUAL, LOW								
PROTECTNUM	CNUMERIC	INQ	4	AVG	Yes	Maximum number of protected threads			15

Table 247. DB2ENTRY resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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
REUSELMCT	BINARY	STAT	4	AVG	No	Number of times a DB2ENTRY thread reached REUSELIMIT		E640 E650 E660	46
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
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 WUI 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 248. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 249. 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	DB2 connection name	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						

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

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 using BAS” on page 17.

External resource name

CICSDefinitionDb2Transaction

Length

152

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3819

Table 250. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM	INSTALL	FORCEINS(YES, NO)	No
SET		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No

Table 250. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 251. DB2TDEF FEEDBACK error codes

Value	Code	Description
1	DB2TDEF_INV_DATA	Attribute data invalid
2	DB2TDEF_REC_NOT_FOUND	Requested resource not found
4	DB2TDEF_REC_EXISTS	Resource already exists
5	DB2TDEF_REC_CHANGED	Resource definition already changed
6	DB2TDEF_INV_RESTYPE	Invalid resource type
7	DB2TDEF_INV_VER	Invalid resource version
11	DB2TDEF_NON_MP	Maintenance point CMAS not available
12	DB2TDEF_INV_CONTEXT	Context not found
13	DB2TDEF_INCONSISTENT_SET	Inconsistent set condition
14	DB2TDEF_INV_RESGROUP	Resource group not found
21	DB2TDEF_INV_ACTION	Invalid action
22	DB2TDEF_INV_RECADDR	Invalid record address
23	DB2TDEF_INV_RECLEN	Invalid record length
24	DB2TDEF_DIFF_VERSION	Different version
25	DB2TDEF_EARLY_NAMELIST_END	Early name list end
26	DB2TDEF_INV_NAMELIST	Invalid name list
27	DB2TDEF_INV_NAME	Invalid name
28	DB2TDEF_INV_MINNAME	Invalid minor name
29	DB2TDEF_NOTIFY	Notify
30	DB2TDEF_PARTIAL_INSTALL	Partial install
31	DB2TDEF_NOHING_INSTALLED	Nothing installed
32	DB2TDEF_NO_TARGETS	No targets
33	DB2TDEF_NO_RELATED	No related systems
34	DB2TDEF_INV_TSCOPE	Invalid target scope
35	DB2TDEF_INV_RSCOPE	Invalid related scope
36	DB2TDEF_INV_USAGE	Invalid usage
37	DB2TDEF_INV_MODE	Invalid mode
38	DB2TDEF_INV_STATECHK	Invalid state check
39	DB2TDEF_INV_FORCEINS	Invalid force install
40	DB2TDEF_INV_NOTIFY	Invalid notify
41	DB2TDEF_INV_OVERTYPE	Invalid over type
42	DB2TDEF_INV_OVRBLOCK	Invalid override block
43	DB2TDEF_INV_ORSTRING	Invalid override string
44	DB2TDEF_INV_STRNGTERM	Invalid string terminator
45	DB2TDEF_INV_EMBEDTERM	Invalid embedded terminator
46	DB2TDEF_INV_ATTRIBUTE	Invalid attribute
47	DB2TDEF_INV_LITERAL	Invalid literal
48	DB2TDEF_INV_ORSTGNA	Invalid override string
49	DB2TDEF_SCOPE_REQUIRED	Scope required
50	DB2TDEF_USAGE_CONFLICT	Usage conflict

Table 251. DB2TDEF FEEDBACK error codes (continued)

Value	Code	Description
51	DB2TDEF_NODEFS_SELECTED	No definitions selected
52	DB2TDEF_MORE_THAN_1_RELSYS	More than one related system
53	DB2TDEF_MISSING_RELSYSID	Missing related system identifier
54	DB2TDEF_SCOPE_CONFLICT	Scope conflict
55	DB2TDEF_INV_CSDGROUP	Invalid CSD group
56	DB2TDEF_REC_NOT_REMOVED	Record not removed
57	DB2TDEF_INV_RESOURCE	Invalid resource
58	DB2TDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	DB2TDEF_PARTIAL_ACTION	Partial action
60	DB2TDEF_NOTHING_ACTIONED	Nothing actioned
61	DB2TDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	DB2TDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	DB2TDEF_CSD_ERROR	CSD access error

Table 252. DB2TDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	17
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	19
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	18
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				11
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	21
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	No	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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 WUI 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 253. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 254. DB2THRD 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

Table 254. DB2THRD resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ROLLBACKOPT Output valid values	YES, NO						
RSVTHREADS	BINARY	CPSM	4	AVG	No	Number of reserved threads	7
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** 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 WUI

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0034

Table 255. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 256. 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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSDB2Transaction

Length

120

Usage API or WUI or CICS Management Client Interface 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 257. Valid CPSM operations

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

Table 257. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
PERFORM SET	DISCARD	None	N/A

Table 258. DB2TRN 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			
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	15
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	6
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, DYNAMIC, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	8
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	10
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	7
DB2ENTRY	CHAR	INQ	8	DIFF	Yes	DB2 entry name for DB2TRN			2
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	11
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	12
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	9
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, DYNAMIC, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	14
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	13
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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
CICSDBCTLSubsystem

Length
104

Usage API or WUI or CICS Management Client Interface 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 259. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 260. 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
MAXTHRCNT	BINARY	CPSM	4	AVG	No	Number of times maximum threads reached	12
MAXTHRTIME	BINARY	CPSM	4	AVG	No	Elapsed time at maximum threads condition	13
MAXTHREAD	BINARY	CPSM	2	AVG	No	Maximum number of threads	10
MINTHRCNT	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
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

DOCDEF Resource Table

A CICS Definition that describes a document template.

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

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

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 using BAS” on page 17.

External resource name

CICSDefinitionDocumentTemplate

Length

512

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3824

Table 261. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM	INSTALL	FORCEINS(YES, NO)	No
SET			

Table 261. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	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
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 262. DOCDEF FEEDBACK error codes

Value	Code	Description
1	DOCDEF_INV_DATA	Attribute data invalid
2	DOCDEF_REC_NOT_FOUND	Requested resource not found
4	DOCDEF_REC_EXISTS	Resource already exists
5	DOCDEF_REC_CHANGED	Resource definition already changed
6	DOCDEF_INV_RESTYPE	Invalid resource type
7	DOCDEF_INV_VER	Invalid resource version
11	DOCDEF_NON_MP	Maintenance point CMAS not available
12	DOCDEF_INV_CONTEXT	Context not found
13	DOCDEF_INCONSISTENT_SET	Inconsistent set condition
14	DOCDEF_INV_RESGROUP	Resource group not found
21	DOCDEF_INV_ACTION	Invalid action
22	DOCDEF_INV_RECADDR	Invalid record address
23	DOCDEF_INV_RECLEN	Invalid record length
24	DOCDEF_DIFF_VERSION	Different version
25	DOCDEF_EARLY_NAMELIST_END	Early name list end
26	DOCDEF_INV_NAMELIST	Invalid name list
27	DOCDEF_INV_NAME	Invalid name
28	DOCDEF_INV_MINNAME	Invalid minor name
29	DOCDEF_NOTIFY	Notify
30	DOCDEF_PARTIAL_INSTALL	Partial install
31	DOCDEF_NOTHING_INSTALLED	Nothing installed
32	DOCDEF_NO_TARGETS	No targets
33	DOCDEF_NO_RELATED	No related systems
34	DOCDEF_INV_TSCOPE	Invalid target scope
35	DOCDEF_INV_RSCOPE	Invalid related scope
36	DOCDEF_INV_USAGE	Invalid usage
37	DOCDEF_INV_MODE	Invalid mode
38	DOCDEF_INV_STATECHK	Invalid state check
39	DOCDEF_INV_FORCEINS	Invalid force install
40	DOCDEF_INV_NOTIFY	Invalid notify
41	DOCDEF_INV_OVERTYPE	Invalid over type
42	DOCDEF_INV_OVRBLOCK	Invalid override block
43	DOCDEF_INV_ORSTRING	Invalid override string
44	DOCDEF_INV_STRNGTERM	Invalid string terminator
45	DOCDEF_INV_EMBEDTERM	Invalid embedded terminator

Table 262. DOCDEF FEEDBACK error codes (continued)

Value	Code	Description
46	DOCDEF_INV_ATTRIBUTE	Invalid attribute
47	DOCDEF_INV_LITERAL	Invalid literal
48	DOCDEF_INV_ORSTGNA	Invalid override string
49	DOCDEF_SCOPE_REQUIRED	Scope required
50	DOCDEF_USAGE_CONFLICT	Usage conflict
51	DOCDEF_NODEFS_SELECTED	No definitions selected
52	DOCDEF_MORE_THAN_1_RELSYS	More than one related system
53	DOCDEF_MISSING_RELSYSID	Missing related system identifier
54	DOCDEF_SCOPE_CONFLICT	Scope conflict
55	DOCDEF_INV_CSDGROUP	Invalid CSD group
56	DOCDEF_REC_NOT_REMOVED	Record not removed
57	DOCDEF_INV_RESOURCE	Invalid resource
58	DOCDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	DOCDEF_PARTIAL_ACTION	Partial action
60	DOCDEF_NOTHING_ACTIONED	Nothing actioned
61	DOCDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	DOCDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	DOCDEF_CSD_ERROR	CSD access error

Table 263. DOCDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	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										
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	27
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	29
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	28
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				16
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	31
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

Table 263. DOCDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
FILE	CHAR	CPSM	8	No	DIFF	No	File name				9
HFSFILE	CHAR	CPSM	255	No	DIFF	No	zSeries 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	Temporary storage queue name				13
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is DOCNAME.

The **Tertiary** key field for this resource class is DOCVER.

There are no object specific actions for this resource class.

External resource name

Length

56

Usage API or Batch Utility or WUI

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier
EYUt6169

Table 264. Valid CPSM operations

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

Table 265. DOCINGRP FEEDBACK error codes

Value	Code	Description
1	DOCINGRP_INV_DATA	Attribute data invalid
2	DOCINGRP_REC_NOT_FOUND	Requested resource not found
4	DOCINGRP_REC_EXISTS	Resource already exists
6	DOCINGRP_INV_RESTYPE	Invalid resource type
7	DOCINGRP_INV_VER	Invalid resource version
11	DOCINGRP_NON_MP	Maintenance point CMAS not available
12	DOCINGRP_INV_CONTEXT	Context not found
21	DOCINGRP_INCONSISTENT_SET	Inconsistent set
22	DOCINGRP_DIFF_VERSION	Different version
23	DOCINGRP_INV_NAME	Invalid name
24	DOCINGRP_INV_MINNAME	Invalid minor name

Table 266. DOCINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
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
DOCOVER-3	BINARY	CPSM	1	Yes	AVG	Yes	Document template definition version	7

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSDocumentTemplate

Length

536

Usage API or WUI or CICS Management Client Interface 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 267. Valid CPSM operations

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

Table 268. DOCTEMP 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			
APPENDCRLF	CVDAS	CPSM	4	LIKE	No	Carriage return line feed (CRLF) append option			13
APPENDCRLF Output valid values	APPEND, NOAPPEND								
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	32
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
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	24

Table 268. DOCTEMP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, DYNAMIC, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	25
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	26
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	23
COPY	CVDAS	INQ	4	LIKE	Yes	New copy status of the DOCTEMPLATE		E640	16
COPY Input valid values	NEWCOPY								
COPY Output valid values	N_A								
DDNAME	CHAR	CPSM	8	DIFF	No	DD name of the partitioned data set			4
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	27
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	28
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	zSeries File System template file			14
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	31
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST, DYNAMIC								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	30
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	29
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSDomainSubpool

Length

144

Usage API or WUI or CICS Management Client Interface 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 269. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 270. 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

Table 270. DOMSPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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, TRUSTED						
SMDBNDRY	BINARY	STAT	4	AVG	No	Subpool element boundary	13
SMDCELEM	BINARY	STAT	4	AVG	No	Current number of elements	21
SMDCES	BINARY	STAT	4	AVG	No	Sum of all element lengths	19
SMDPCS	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 above/below 16M or above the bar	14
SMDLOCN Output valid values	ABOVE, BELOW, ABOVEBAR						
SMDSPN-1	CHAR	INQ	8	DIFF	Yes	Domain subpool name	5
SMSDSABYTES	BINARY	STAT	8	AVG	No	Current size of DSA in bytes	39
SMSDSASZ	BINARY	STAT	4	AVG	No	Current size of DSA	27
SMSDSATOTAL	BINARY	STAT	4	AVG	No	Current DSA total	26

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

DSKJRN 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 271. Valid CPSM operations

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

Table 272. DSKJRN 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						

Table 272. DSKJRNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
RECWRcnt	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						

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 indoubt units of work associated with the data set.

COMMIT

Commit shunted indoubt units of work associated with the data set.

FORCE

Force shunted indoubt 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

CICSDataSetName

Length

184

Usage API or WUI or CICS Management Client Interface**API view**

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0011

Table 273. Valid CPSM operations

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

Table 274. 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	E510+	5

Table 274. DSNAME resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
LOGREPSTATUS	CVDAS	INQ	4	LIKE	Yes	Replication Logging		16
LOGREPSTATUS Output valid values	LOGREPLICATE, NOLOGREPLICA, NOTAPPLIC							
LOSTLOCKS	CVDAS	INQ	4	LIKE	No	Lost locks status		13
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, NOTAPPLIC							
VALIDITY	CVDAS	INQ	4	LIKE	No	Data set validity status		9
VALIDITY Output valid values	VALID, INVALID							

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSGlobalDispatcher

Length

104

Usage API or WUI or CICS Management Client Interface 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 275. Valid CPSM operations

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

Table 276. DSPGBL 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		
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
DSGLXSCN	DATETIME	STAT	8	LIKE	No	Last excess TCB scan	E640 E650 E660 E670 E680	22
DSGLXSND	DATETIME	STAT	8	LIKE	No	Last excess TCB scan - no TCB detached	E640 E650 E660 E670 E680	23
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

Table 276. DSPGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
DSGXTCBD	BINARY	STAT	4	AVG	No	Total number of excess TCBs detached		20
FORCEQR	CV DAS	INQ	4	LIKE	Yes	Quasi-reentrancy force option		21
FORCEQR Input/output valid values	FORCE, NOFORCE							

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSTCBMode

Length

144

Usage API or WUI or CICS Management Client Interface 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 277. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 278. DSPMODE 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		

Table 278. DSPMODE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
DSGSYSW	BINARY	STAT	4	AVG	No	Number of partition exits		23
DSGTCBAF	BINARY	STAT	4	AVG	No	Number of TCB attach failures		11
DSGTCBAL	BINARY	STAT	4	AVG	No	Number of TCBs allocated		16
DSGTCBCA	BINARY	STAT	4	AVG	No	Current number of TCBs attached		12
DSGTCBCU	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		8
DSGTCBMP Input/output valid values	0 (NOTAPPLI) - Not applicable, 1 (OPEN) - Open, 2 (JVM) - JVM, 3 (HOTPOOL) - Hot pooling, 3 (XPLINK) - XPLink, 4 (SSL) - SSL, 5 (THREADED) - THREADED							
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
DSGTDI	INTTSTP	STAT	8	LIKE	No	Total of real time TCB has been dispatched by MVS		26
DSGTMADQ	AVERAGE3	STAT	4	LIKE	No	Dispatchable Queue - Average	E640 E650 E660 E670 E680	33
DSGTMCDQ	BINARY	STAT	4	LIKE	No	Dispatchable Queue - Current	E640 E650 E660 E670 E680	30
DSGTMPDQ	BINARY	STAT	4	LIKE	No	Dispatchable Queue - Peak	E640 E650 E660 E670 E680	31
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	N_A, OPEN, JVM, HOTPOOL, XPLINK, SSL, THREADED							

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSTCBPool

Length

144

Usage API or WUI or CICS Management Client Interface 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 279. Valid CPSM operations

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

Table 280. DSPPOOL 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		
DSGCMMWS	BINARY	STAT	4	AVG	No	Current TCB Mismatch waits		26
DSGCMMWT	INTTSTP	STAT	8	LIKE	No	Current TCB Mismatch wait time		25
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

Table 280. DSPPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
DSGLTCBL	DATETIME	STAT	8	LIKE	No	Time Max TCB Pool Limit last reached	E640 E650 E660 E670 E680	33
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	Yes	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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is TRANID.

There are no object specific actions for this resource class.

External resource name

CICSTransactionInGroup

Length

56

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload
No

Object type
CICSplex SM Definition

Copybook identifier
EYUt5379

Table 281. Valid CPSM operations

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

Table 282. DTRINGRP FEEDBACK error codes

Value	Code	Description
1	DTRINGRP_INV_DATA	Attribute data invalid
2	DTRINGRP_REC_NOT_FOUND	Requested resource not found
3	DTRINGRP_INV_REFERENCE	Attribute references an invalid resource
4	DTRINGRP_REC_EXISTS	Resource already exists
21	DTRINGRP_TRANID_NOT_UNIQUE	Transaction ID not unique

Table 283. DTRINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification userid	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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
 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
 EYUt2527

Table 284. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 285. 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	11
ACTION Input/output valid values	1 (CREATE) - Create external ntfn, 2 (UPDATE) - Update external ntfn, 3 (REMOVE) - Remove external ntfn, 4 (RESOLVED) - External ntfn resolved					
ACTNAME	CHAR	CPSM	8	LIKE	External event name	7
ACTNTIME	TIMESTP	CPSM	8	LIKE	Local time at which this action occurred	16
DEFTYPE	BINARY	CPSM	1	LIKE	Action reference type	10
DEFTYPE Input/output valid values	1 (SAM) - RTASAM sensed condition, 2 (APM) - APM RTADEF True transition, 3 (MRM) - MRM true transition					
KEY	CHAR	CPSM	134	LIKE	Resource key	14
NTFNTYPE	BIT	CPSM	1	LIKE	Type of external notification	9
NTFNTYPE Input/output valid values	128 (EVENT) - CPSM Event, 64 (EXTMSG) - External Message, 32 (ALERT) - SNA 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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 286. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 287. ECSYSCHG resource table attributes

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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 EJCGROUP.

The **Secondary** key field for this resource class is EJCNAME.

The **Tertiary** key field for this resource class is EJCVER.

There are no object specific actions for this resource class.

External resource name

Length

56

Usage API or Batch Utility or WUI

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6176

Table 288. Valid CPSM operations

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

Table 289. EJCINGRP FEEDBACK error codes

Value	Code	Description
1	EJCINGRP_INV_DATA	Attribute data invalid
2	EJCINGRP_REC_NOT_FOUND	Requested resource not found
4	EJCINGRP_REC_EXISTS	Resource already exists
6	EJCINGRP_INV_RESTYPE	Invalid resource type
7	EJCINGRP_INV_VER	Invalid resource version
11	EJCINGRP_NON_MP	Maintenance point CMAS not available
12	EJCINGRP_INV_CONTEXT	Context not found
21	EJCINGRP_INCONSISTENT_SET	Inconsistent set
22	EJCINGRP_DIFF_VERSION	Different version
23	EJCINGRP_INV_NAME	Invalid name
24	EJCINGRP_INV_MINNAME	Invalid minor name

Table 290. EJCINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11

Table 290. EJCINGRP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is BEANNAME.

There are no actions supported against it.

External resource name

CICSBeansInCorbaServer

Length

312

Usage API or WUI or CICS Management Client Interface

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0110

Table 291. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 292. 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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

EJCODEF Resource Table

A CICS Definition that describes a CorbaServer.

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

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

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 using BAS” on page 17.

External resource name

CICSDefinitionCorbaServer

Length

1336

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type
CICS Definition
Copybook identifier
EYUt3831

Table 293. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM	INSTALL	FORCEINS(YES, NO)	No
SET		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	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
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 294. EJCODEF FEEDBACK error codes

Value	Code	Description
1	EJCODEF_INV_DATA	Attribute data invalid
2	EJCODEF_REC_NOT_FOUND	Requested resource not found
4	EJCODEF_REC_EXISTS	Resource already exists
5	EJCODEF_REC_CHANGED	Resource definition already changed
6	EJCODEF_INV_RESTYPE	Invalid resource type
7	EJCODEF_INV_VER	Invalid resource version
11	EJCODEF_NON_MP	Maintenance point CMAS not available
12	EJCODEF_INV_CONTEXT	Context not found
13	EJCODEF_INCONSISTENT_SET	Inconsistent set condition
14	EJCODEF_INV_RESGROUP	Resource group not found
21	EJCODEF_INV_ACTION	Invalid action
22	EJCODEF_INV_RECADDR	Invalid record address
23	EJCODEF_INV_RECLEN	Invalid record length
24	EJCODEF_DIFF_VERSION	Different version
25	EJCODEF_EARLY_NAMELIST_END	Early name list end
26	EJCODEF_INV_NAMELIST	Invalid name list
27	EJCODEF_INV_NAME	Invalid name
28	EJCODEF_INV_MINNAME	Invalid minor name
29	EJCODEF_NOTIFY	Notify
30	EJCODEF_PARTIAL_INSTALL	Partial install
31	EJCODEF_NOTHING_INSTALLED	Nothing installed

Table 294. EJCODEF FEEDBACK error codes (continued)

Value	Code	Description
32	EJCODEF_NO_TARGETS	No targets
33	EJCODEF_NO_RELATED	No related systems
34	EJCODEF_INV_TSCOPE	Invalid target scope
35	EJCODEF_INV_RSCOPE	Invalid related scope
36	EJCODEF_INV_USAGE	Invalid usage
37	EJCODEF_INV_MODE	Invalid mode
38	EJCODEF_INV_STATECHK	Invalid state check
39	EJCODEF_INV_FORCEINS	Invalid force install
40	EJCODEF_INV_NOTIFY	Invalid notify
41	EJCODEF_INV_OVERTYPE	Invalid over type
42	EJCODEF_INV_OVRBLOCK	Invalid override block
43	EJCODEF_INV_ORSTRING	Invalid override string
44	EJCODEF_INV_STRNGTERM	Invalid string term
45	EJCODEF_INV_EMBEDTERM	Invalid embedded terminator
46	EJCODEF_INV_ATTRIBUTE	Invalid attribute
47	EJCODEF_INV_LITERAL	Invalid literal
48	EJCODEF_INV_ORSTGNA	Invalid override string
49	EJCODEF_SCOPE_REQUIRED	Scope required
50	EJCODEF_USAGE_CONFLICT	Usage conflict
51	EJCODEF_NODEFS_SELECTED	No definitions selected
52	EJCODEF_MORE_THAN_1_RELSYS	More than one related system
53	EJCODEF_MISSING_RELSYSID	Missing related system identifier
54	EJCODEF_SCOPE_CONFLICT	Scope conflict
55	EJCODEF_NOT_SUPPORTED	Attribute obsolete and unsupported
56	EJCODEF_INV_CSDGROUP	Invalid CSD group
57	EJCODEF_REC_NOT_REMOVED	Record not removed
58	EJCODEF_INV_RESOURCE	Invalid resource
59	EJCODEF_INV_CICS_RESTYPE	Invalid CICS restype
60	EJCODEF_PARTIAL_ACTION	Partial action
61	EJCODEF_NOTHING_ACTIONED	Nothing actioned
62	EJCODEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
63	EJCODEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
67	EJCODEF_CSD_ERROR	CSD access error

Table 295. 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
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	33
CHANGEAGENT Input/output valid values	DREPAPI										

Table 295. EJCODEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	35
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	34
CIPHERS	CHAR	CPSM	56	No	LIKE	No	SSL cipher suite codes				31
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
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	37
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				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	CVDA5	CPSM	4	No	LIKE	No	Outbound privacy	SUPPORTED		E640+	30
OUTPRIVACY Input/output valid values	REQUIRED, SUPPORTED, NOTSUPPORTED										
PORT	CHAR	CPSM	5	No	DIFF	No	TCP/IP port number		1-65535	E620+	16
SESSBEANTIME	CHAR	CPSM	6	Yes	DIFF	No	Session bean timeout (DDHHMM)	000010			19
SHELF	CHAR	CPSM	255	No	DIFF	No	zSeries File System (zFS) shelf directory	/var/cicsts			20
SSL	EYUDA	CPSM	4	No	LIKE	No	Secure socket layer (SSL) usage	NO		E620+	15
SSL Input/output valid values	YES, NO, CLIENTCERT										
SSLPORT	CHAR	CPSM	5	No	DIFF	No	Secure socket layer (SSL) port number		1-65535	E620+	17
SSLPORT Input/output valid values	NO										
SSLUNAUTH	CHAR	CPSM	8	No	DIFF	No	TCP/IP service for SSL AUTHENTICATE=NO protocol				27
STATUS	CVDA5	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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

EJCOSE Resource Table

A CICS Resource that describes a CorbaServer object being managed by CICSplex SM. This resource is not supported in CICS TS for z/OS, Version 5.1 and later versions.

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

CICSCorbaServer

Length

1344

Usage API or WUI or CICS Management Client Interface 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 296. Valid CPSM operations

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

Table 297. 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								
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	34
CERTIFICATE	CHAR	INQ	56	DIFF	No	Secure sockets layer (SSL) client certificate			9
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	25
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATSPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	27
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	28
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	26
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
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	29
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	30
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								
ENABLESTATUS Output valid values	ENABLING, DISABLING, DISCARDING								
FAILACTIVATE	BINARY	STAT	4	AVG	No	Number of Failed Activates			19
HOST	CHAR	INQ	255	DIFF	No	Host name or IP address			8
HOSTTYPE	CVDAS	INQ	4	LIKE	No	The format of the host name or address		E640 E650	37
HOSTTYPE Output valid values	HOSTNAME, IPV4, IPV6, NOTAPPLIC								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	33
INSTALLAGENT Input/output valid values	CSDAPI, CREATSPI, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	32
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	31
IPFAMILY	CVDAS	INQ	4	LIKE	No	The format of the resolved IP address		E640 E650	36
IPFAMILY Output valid values	IPV4, IPV6, UNKNOWN								
IPRESOLVED	CHAR	INQ	39	DIFF	No	The resolved address of this CORBA server		E640 E650	35

Table 297. EJCOSE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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
OBJACTIVATES	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		E620+	5
SESSBEANTIME	BINARY	INQ	4	AVG	Yes	Session bean timeout (minutes)			2
SHELF	CHAR	INQ	255	DIFF	No	zSeries File System (zFS) shelf directory			10
SSL	CVDAS	INQ	4	LIKE	No	Secure sockets layer (SSL) usage	NOSSL	E620+	3
SSL Output valid values	NOSSL, SSL, CLIENTCERT								
SSLPORT	BINARY	INQ	4	AVG	No	Secure sockets layer (SSL) port number		E620+	6
SSLUNAUTH	CHAR	INQ	8	DIFF	No	TCP/IP service for SSL AUTHENTICATE=NO protocol			15
STATE	CVDAS	INQ	4	LIKE	No	CorbaServer state usage	UNUSABLE	E630+	4
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

EJINGRP 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.

The **Secondary** key field for this resource class is EJDNAME.

The **Tertiary** key field for this resource class is EJDVER.

There are no object specific actions for this resource class.

External resource name

Length

56

Usage API or Batch Utility or WUI

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Definition

Copybook identifier
EYUt6177

Table 298. Valid CPSM operations

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

Table 299. EJDINGRP FEEDBACK error codes

Value	Code	Description
1	EJDINGRP_INV_DATA	Attribute data invalid
2	EJDINGRP_REC_NOT_FOUND	Requested resource not found
4	EJDINGRP_REC_EXISTS	Resource already exists
6	EJDINGRP_INV_RESTYPE	Invalid resource type
7	EJDINGRP_INV_VER	Invalid resource version
11	EJDINGRP_NON_MP	Maintenance point CMAS not available
12	EJDINGRP_INV_CONTEXT	Context not found
21	EJDINGRP_INCONSISTENT_SET	Inconsistent set
22	EJDINGRP_DIFF_VERSION	Different version
23	EJDINGRP_INV_NAME	Invalid name
24	EJDINGRP_INV_MINNAME	Invalid minor name

Table 300. EJDINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

EJDJAR Resource Table

A CICS Resource that describes a CICS-deployed JAR file object being managed by CICSplex SM. This resource is not supported in CICS TS for z/OS, Version 5.1 and later versions.

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

CICSDeployedJARFile

Length

384

Usage API or WUI or CICS Management Client Interface 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 301. Valid CPSM operations

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

Table 302. EJDJAR 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			
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	16
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	7
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, DYNAMIC, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	9
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	10
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	8
CORBASERVER	CHAR	INQ	4	DIFF	No	CorbaServer name			2
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	11
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	12
HFSFILE	CHAR	INQ	255	DIFF	No	zSeries File System (zFS) path			4
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	15
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, DYNAMIC, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	14
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	13
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								

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

EJDJBAN 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 NAME.

The **Secondary** key field for this resource class is BEANNAME.

The **Tertiary** key field for this resource class is CORBASERVER.

There are no actions supported against it.

External resource name
CICSBeansInDeployedJARFile

Length
312

Usage API or WUI or CICS Management Client Interface

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0112

Table 303. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 304. 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
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

EJDJDEF Resource Table

A CICS Definition that describes a CICS-deployed JAR file.

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

The **Secondary** key field for this resource class is DEFVER.

The **Secondary** key field for this resource class is CSDGROUP.

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 using BAS” on page 17.

External resource name

CICSDefinitionDeployedJARFile

Length

400

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3832

Table 305. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM	INSTALL	FORCEINS(YES, NO)	No
SET		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No

Table 305. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 306. EJDJDEF FEEDBACK error codes

Value	Code	Description
1	EJDJDEF_INV_DATA	Attribute data invalid
2	EJDJDEF_REC_NOT_FOUND	Requested resource not found
4	EJDJDEF_REC_EXISTS	Resource already exists
5	EJDJDEF_REC_CHANGED	Resource definition already changed
6	EJDJDEF_INV_RESTYPE	Invalid resource type
7	EJDJDEF_INV_VER	Invalid resource version
11	EJDJDEF_NON_MP	Maintenance point CMAS not available
12	EJDJDEF_INV_CONTEXT	Context not found
13	EJDJDEF_INCONSISTENT_SET	Inconsistent set condition
14	EJDJDEF_INV_RESGROUP	Resource group not found
21	EJDJDEF_INV_ACTION	Invalid action
22	EJDJDEF_INV_RECADDR	Invalid record address
23	EJDJDEF_INV_RECLEN	Invalid record length
24	EJDJDEF_DIFF_VERSION	Different version
25	EJDJDEF_EARLY_NAMELIST_END	Early name list end
26	EJDJDEF_INV_NAMELIST	Invalid name list
27	EJDJDEF_INV_NAME	Invalid name
28	EJDJDEF_INV_MINNAME	Invalid minor name
29	EJDJDEF_NOTIFY	Notify
30	EJDJDEF_PARTIAL_INSTALL	Partial install
31	EJDJDEF_NOTHING_INSTALLED	Nothing installed
32	EJDJDEF_NO_TARGETS	No targets
33	EJDJDEF_NO_RELATED	No related systems
34	EJDJDEF_INV_TSCOPE	Invalid target scope
35	EJDJDEF_INV_RSCOPE	Invalid related scope
36	EJDJDEF_INV_USAGE	Invalid usage
37	EJDJDEF_INV_MODE	Invalid mode
38	EJDJDEF_INV_STATECHK	Invalid state check
39	EJDJDEF_INV_FORCEINS	Invalid force install
40	EJDJDEF_INV_NOTIFY	Invalid notify
41	EJDJDEF_INV_OVERTYPE	Invalid oertype
42	EJDJDEF_INV_OVRBLOCK	Invalid override block
43	EJDJDEF_INV_ORSTRING	Invalid override string
44	EJDJDEF_INV_STRNGTERM	Invalid string terminator
45	EJDJDEF_INV_EMBEDTERM	Invalid embedded terminator
46	EJDJDEF_INV_ATTRIBUTE	Invalid attribute
47	EJDJDEF_INV_LITERAL	Invalid literal
48	EJDJDEF_INV_ORSTGNA	Invalid override string
49	EJDJDEF_SCOPE_REQUIRED	Scope required
50	EJDJDEF_USAGE_CONFLICT	Usage conflict
51	EJDJDEF_NODEFS_SELECTED	No definitions selected

Table 306. EJDJDEF FEEDBACK error codes (continued)

Value	Code	Description
52	EJDJDEF_MORE_THAN_1_RELSYS	More than one related system
53	EJDJDEF_MISSING_RELSYSID	Missing related system identifier
54	EJDJDEF_SCOPE_CONFLICT	Scope conflict
55	EJDJDEF_INV_CSDGROUP	Invalid CSD group
56	EJDJDEF_REC_NOT_REMOVED	Record not removed
57	EJDJDEF_INV_RESOURCE	Invalid resource
58	EJDJDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	EJDJDEF_PARTIAL_ACTION	Partial action
60	EJDJDEF_NOTHING_ACTIONED	Nothing actioned
61	EJDJDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	EJDJDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	EJDJDEF_CSD_ERROR	CSD access error

Table 307. EJDJDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	18
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	19
CORBASERVER	CHAR	CPSM	4	Yes	DIFF	No	CorbaServer name				15
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				9
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	22
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	zSeries File System (zFS) 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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 308. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 309. EL SIGNAL 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 type	6
SIGTYPE Input/output valid values	1 (LOWEST) - Lowest Signal Type, 1 (SVCDUMP) - MAS is issuing an SVC Dump, 1 (HIGHEST) - Highest Signal Type					

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 310. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 311. 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 saving time in effect	19
DAYLGHTSV Output valid values	YES, NO					
DESC	CHAR	CPSM	58	DIFF	Description	13
DYNROUTE	BINARY	CPSM	1	LIKE	Dynamic routing mode	11
DYNROUTE Input/output valid values	1 (ACTIVE) - Routing active, 2 (SUSPEND) - Routing suspended					
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

Table 311. EMASJOIN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
RTA_SPEC	CHAR	CPSM	8	LIKE	Real Time Analysis (RTA) specification name	8
STATUS	BIT	CPSM	1	LIKE	Status	10
STATUS Input/output valid values	128 (LOCAL) - Local MAS, 64 (REMOTE) - Remote MAS					
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

If a region starts to produce a system dump, this event is reported by the ELSIGNAL notification and not by the EMASSICK notification. After the system dump is produced, an EMASWELL notification is issued. To capture the system dump notification, use the ELSIGNAL notification instead.

External resource name

Length

208

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 312. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 313. EMASICK resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CHGSTALL1	BIT	CPSM	1	LIKE	First stall indicator flag	43
CHGSTALL1 Input/output valid values	128 (ENQUEUE) - Enqueue suspended, 64 (TASKWAIT) - Task wait suspended, 32 (DLI) - DLI suspended, 16 (DBCTRL) - DB control suspended, 8 (STORAGE) - Storage suspended, 4 (UNKNOWN) - Unknown suspended, 2 (DISPABLE) - Dispable (not used), 1 (RUNNING) - Running (not used)					
CHGSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flag	42
CHGSTALL2 Input/output valid values	128 (DISP) - Dispatcher suspended, 64 (ALLCSESS) - Allocate session suspended, 32 (TERM) - Terminal control suspended, 16 (INTV) - Interval control suspended, 8 (FILE) - File I/O suspended, 4 (TEMPSTOR) - Temporary storage suspend, 2 (TSDATA) - Transient data suspended, 1 (JOURNAL) - Journal suspended					
CHGSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag	41
CHGSTALL3 Input/output valid values	128 (EJB) - Enterprise java suspended, 64 (LOGGER) - Log Manager suspended, 32 (IRLINK) - Interregn link suspended, 16 (DB2) - DB2 suspended, 8 (LOCK) - Lock manager suspended, 4 (XRF) - XRF suspended, 2 (PROGRAM) - Program manager suspended, 1 (TRANSACT) - Transaction manager suspended					
CHGSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag	40
CHGSTALL4 Input/output valid values	64 (IPIC) - IP interconnectivity suspended, 32 (RMI) - Resource manager suspended, 16 (CONSOLE) - Console domain suspended, 8 (SOCKETS) - Sockets domain suspended, 4 (MQSERIES) - MQSeries suspended, 2 (USERWAIT) - User suspended, 1 (WEBSERV) - Web services suspended					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
CURSTALL1	BIT	CPSM	1	LIKE	First stall indicator flag	38
CURSTALL1 Input/output valid values	128 (ENQUEUE) - Enqueue suspended, 64 (TASKWAIT) - Task wait suspended, 32 (DLI) - DLI suspended, 16 (DBCTRL) - DB control suspended, 8 (STORAGE) - Storage suspended, 4 (UNKNOWN) - Unknown suspended, 2 (DISPABLE) - Dispable (not used), 1 (RUNNING) - Running (not used)					
CURSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flag	37
CURSTALL2 Input/output valid values	128 (DISP) - Dispatcher suspended, 64 (ALLCSESS) - Allocate session suspended, 32 (TERM) - Terminal control suspended, 16 (INTV) - Interval control suspended, 8 (FILE) - File I/O suspended, 4 (TEMPSTOR) - Temporary storage suspended, 2 (TSDATA) - Transient data suspended, 1 (JOURNAL) - Journal suspended					
CURSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag	36
CURSTALL3 Input/output valid values	128 (EJB) - Enterprise java suspended, 64 (LOGGER) - Log Manager suspended, 32 (IRLINK) - Interregn link suspended, 16 (DB2) - DB2 suspended, 8 (LOCK) - Lock manager suspended, 4 (XRF) - XRF suspended, 2 (PROGRAM) - Program manager suspended, 1 (TRANSACT) - Transaction manager suspended					
CURSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag	35
CURSTALL4 Input/output valid values	64 (IPIC) - IP interconnectivity suspended, 32 (RMI) - Resource manager suspended, 16 (CONSOLE) - Console domain suspended, 8 (SOCKETS) - Sockets domain suspended, 4 (MQSERIES) - MQSeries suspended, 2 (USERWAIT) - User suspended, 1 (WEBSERV) - Web services suspended					
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
LOSTMAS_TIM	TIMESTP	CPSM	8	LIKE	MAS lost contact time	46
MASTYPE	BIT	CPSM	1	LIKE	Status	6
MASTYPE Input/output valid values	128 (LOCAL) - Local MAS, 64 (REMOTE) - Remote MAS					
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, SOSMVS, SOSBELOW, SOSABOVE, SOSGCDSA, LOSTMAS					
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 indicators	8

Table 313. EMASICK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
SOSCONDS Input/output valid values	128 (SOSUDSA) - UDSA SOS, 64 (SOSCDSA) - CDSA SOS, 32 (SOSEUDSA) - EUDSA SOS, 16 (SOSECDSA) - ECDSA SOS, 8 (SOSERDSA) - ERDSA SOS, 4 (SOSSDSA) - SDSA SOS, 2 (SOSESDSA) - ESDSA SOS, 1 (SOSRDSA) - RDSA SOS					
SOSCONDS2	BIT	CPSM	1	LIKE	Storage health indicators	9
SOSCONDS2 Input/output valid values	128 (SOSABOVE) - SOS above 16M, 64 (SOSBELOW) - SOS below 16M, 32 (SOSMVS) - MVS is short on storage, 16 (SOSGCDSA) - SOS Above bar					
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
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 indicators	7
SYSCONDS Input/output valid values	128 (SYSDUMP) - System dumping, 64 (TRANDUMP) - Transaction dumping, 32 (MAXTASK) - Max tasks, 16 (STALLED) - System 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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 314. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 315. 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 mode	11
DYNROUTE Input/output valid values	1 (ACTIVE) - Routing active, 2 (SUSPEND) - Routing suspended					
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	Status	10
STATUS Input/output valid values	128 (LOCAL) - Local MAS stop, 64 (REMOTE) - Remote MAS stop, 32 (LOCAL) - Local MAS lost contact, 16 (REMOTEL) - Remote MAS lost contact, 8 (GONEL) - Local MAS no longer active, 4 (GONER) - Remote MAS no longer active, 2 (MASREM) - MAS Removal Invoked					
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 316. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 317. 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 saving time in effect	19
DAYLGHTSV Output valid values	YES, NO					
DESC	CHAR	CPSM	58	DIFF	Description	13
DYNROUTE	BINARY	CPSM	1	LIKE	Dynamic routing mode	11
DYNROUTE Input/output valid values	1 (ACTIVE) - Routing ACTIVE, 2 (SUSPEND) - Routing SUSPENDED					
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	Status	10
STATUS Input/output valid values	128 (LOCAL) - Local MAS, 64 (REMOTE) - Remote MAS					
SYSID	CHAR	CPSM	4	LIKE	MAS system ID	20
SYSPLEX	CHAR	CPSM	8	LIKE	SYSplex name	25

Table 317. EMASSTRT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 EMASICK notification. An EMASWELL instance identifies a single specific sickness resolution. It also carries the complete health status of the MAS as reported by previous EMASICK or ELSIGNAL notifications.

External resource name

Length

208

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 318. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 319. EMASWELL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CHGSTALL1	BIT	CPSM	1	LIKE	First stall indicator flag	43

Table 319. EMASWELL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CHGSTALL1 Input/output valid values	128 (ENQUEUE) - Enqueue suspend, 64 (TASKWAIT) - Task wait suspend, 32 (DLI) - DLI suspend, 16 (DBCTRL) - DB control suspend, 8 (STORAGE) - Storage suspend, 4 (UNKNOWN) - Unknown suspend, 2 (DISPABLE) - Dispable (not used), 1 (RUNNING) - Running (not used)					
CHGSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flag	42
CHGSTALL2 Input/output valid values	128 (DISP) - Dispatcher suspend, 64 (ALLCSESS) - Alloc session suspend, 32 (TERM) - Terminal control, 16 (INTV) - Intv control suspend, 8 (FILE) - File I/O suspend, 4 (TEMPSTOR) - Temp stor suspend, 2 (TSDATA) - Transi data suspend, 1 (JOURNAL) - Journal suspend					
CHGSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag	41
CHGSTALL3 Input/output valid values	128 (EJB) - Enterprise java suspend, 64 (LOGGER) - Log manager suspend, 32 (IRLINK) - Interregn link suspend, 16 (DB2) - DB2 suspend, 8 (LOCK) - Lockmgr suspend, 4 (XRF) - XRF suspend, 2 (PROGRAM) - Progmrgr suspend, 1 (TRANSACTION) - Transmgr suspend					
CHGSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag	40
CHGSTALL4 Input/output valid values	64 (IPIC) - IP interconnectivity suspend, 32 (RMI) - Resource manager suspend, 16 (CONSOLE) - Console domain suspend, 8 (SOCKETS) - Sockets domain suspend, 4 (MQSERIES) - MQSeries suspend, 2 (USERWAIT) - User suspend, 1 (WEBSERV) - Web services suspend					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
CURSTALL1	BIT	CPSM	1	LIKE	First stall indicator flag	38
CURSTALL1 Input/output valid values	128 (ENQUEUE) - Enqueue suspend, 64 (TASKWAIT) - Task wait suspend, 32 (DLI) - DLI suspend, 16 (DBCTRL) - DB control suspend, 8 (STORAGE) - Storage suspend, 4 (UNKNOWN) - Unknown suspend, 2 (DISPABLE) - Dispable (not used), 1 (RUNNING) - Running (not used)					
CURSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flag	37
CURSTALL2 Input/output valid values	128 (DISP) - Dispatcher suspend, 64 (ALLCSESS) - Alloc session suspend, 32 (TERM) - Terminal control, 16 (INTV) - Intv control suspend, 8 (FILE) - File I/O suspend, 4 (TEMPSTOR) - Temp stg suspend, 2 (TSDATA) - Transi data suspend, 1 (JOURNAL) - Journal suspend					
CURSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag	36
CURSTALL3 Input/output valid values	128 (EJB) - Enterprise java suspend, 64 (LOGGER) - Log manager suspend, 32 (IRLINK) - Interregn link suspend, 16 (DB2) - DB2 suspend, 8 (LOCK) - Lockmgr suspend, 4 (XRF) - XRF suspend, 2 (PROGRAM) - Progmrgr suspend, 1 (TRANSACTION) - Transmgr suspend					
CURSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag	35
CURSTALL4 Input/output valid values	64 (IPIC) - IP interconnectivity suspend, 32 (RMI) - Resource manager suspend, 16 (CONSOLE) - Console domain suspend, 8 (SOCKETS) - Sockets domain suspend, 4 (MQSERIES) - MQSeries suspend, 2 (USERWAIT) - User suspend, 1 (WEBSERV) - Web services suspend					
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
LOSTMAS_TIM	TIMESTP	CPSM	8	LIKE	Time relieved MAS lost contact	46
MASTYPE	BIT	CPSM	1	LIKE	Status	6
MASTYPE Input/output valid values	128 (LOCAL) - Local MAS, 64 (REMOTE) - Remote MAS					
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 indicators	8
SOSCONDS Input/output valid values	128 (SOSUDSA) - On-not UDSA SOS, 64 (SOSCDSA) - On-not CDSA SOS, 32 (SOSEUDSA) - On-not EUDSA SOS, 16 (SOSECDSA) - On-not ECDSA SOS, 8 (SOSERDSA) - On-not ERDSA SOS, 4 (SOSSDSA) - On-not SDSA SOS, 2 (SOSESDSA) - On-not ESDSA SOS, 1 (SOSRDSA) - On-not RDSA SOS					
SOSCONDS2	BIT	CPSM	1	LIKE	Storage health indicators	9
SOSCONDS2 Input/output valid values	128 (SOSABOVE) - On-not SOS above 16M, 64 (SOSBELOW) - On-not SOS below 16M, 32 (SOSMVS) - On-not SOS in MVS, 16 (SOSGCDSA) - On-not SOS above bar					
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

Table 319. EMASWELL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
SOSGCD_SA_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	7
SYSCONDS Input/output valid values	128 (SYSDUMP) - On-not sys dumping, 64 (TRANDUMP) - On-not tran dumping, 32 (MAXTASK) - On-not at max tasks, 16 (STALLED) - On-not 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, SOSGCD_SA, SOSEUDSA, SOSECDSA, SOSERDSA, SOSSDSA, SOSESDSA, SOSRDSA, SOSMVS, SOSBELOW, SOSABOVE, SOSGCD_SA, LOSTMAS					

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 320. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 321. 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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 322. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 323. 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						
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 324. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 325. EMDBX 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	MDBX					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 326. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 327. 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					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 328. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 329. 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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 330. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 331. EMJRNL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5

Table 331. EMJRNL 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	MJRNL					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 332. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 333. EMPROG resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5

Table 333. EMPROG 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	MPROG					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

224

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 334. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 335. EMSTATUS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
AMAXTASKS	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	46
CURSTALL1 Input/output valid values	128 (ENQUEUE) - Enqueue suspended, 64 (TASKWAIT) - Task wait suspended, 32 (DLI) - DLI suspended, 16 (DBCTRL) - DB control suspended, 8 (STORAGE) - Storage suspended, 4 (UNKNOWN) - Unknown suspended, 2 (DISPABLE) - Dispatched-unused, 1 (RUNNING) - Running-unused					
CURSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flag	45
CURSTALL2 Input/output valid values	128 (DISP) - Dispatcher suspended, 64 (ALLCSESS) - Allocate session suspended, 32 (TERM) - Terminal control suspended, 16 (INTV) - Interval control suspended, 8 (FILE) - File I/O suspended, 4 (TEMPSTOR) - Temporary storage suspend, 2 (TSDATA) - Transient data suspended, 1 (JOURNAL) - Journal suspended					
CURSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag	44
CURSTALL3 Input/output valid values	128 (EJB) - Enterprise java suspended, 64 (LOGGER) - Log manager suspended, 32 (IRLINK) - Interreg link suspended, 16 (DB2) - DB2 suspended, 8 (LOCK) - Lock manager suspended, 4 (XRF) - XRF suspended, 2 (PROGRAM) - Program manager suspended, 1 (TRANSACTION) - Transaction Manager suspended					
CURSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag	43
CURSTALL4 Input/output valid values	64 (IPIC) - IP interconnectivity suspended, 32 (RMI) - Resource manager suspended, 16 (CONSOLE) - Console suspended, 8 (SOCKETS) - Sockets domain suspended, 4 (MQSERIES) - MQSeries suspended, 2 (USERWAIT) - User suspended, 1 (WEBSERV) - Web services suspended					
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, LOSTMAS					
LOSTCON_TIM	TIMESTP	CPSM	8	LIKE	MAS lost contact time	50
MASTYPE	BIT	CPSM	1	LIKE	Status	6
MASTYPE Input/output valid values	128 (LOCAL) - Local MAS, 64 (REMOTE) - Remote MAS, 32 (CPSMWRAM) - Using CPSM WRAM program, 16 (RSFAILED) - RS Domain reporting problems, 08 (RSTRACED) - RS Domain trace issued, 04 (NOMVSWLM) - No MVS/WLM Support, 02 (MVSSRM) - MVS/WLM in SRM Mode, 01 (MVSGOAL) - MVS/WLM in GOAL Mode					
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 indicators	8
SOSCONDS Input/output valid values	128 (SOSUDSA) - UDSA SOS, 64 (SOSCDSA) - CDSA SOS, 32 (SOSEUDSA) - EUDSA SOS, 16 (SOSECDSA) - ECDSA SOS, 8 (SOSERDSA) - ERDSA SOS, 4 (SOSSDSA) - SDSA SOS, 2 (SOSESDSA) - ESDSA SOS, 1 (SOSRDSA) - RDSA SOS					
SOSCONDS2	BIT	CPSM	1	LIKE	Storage health indicators	9

Table 335. EMSTATUS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
SOSCONDS2 Input/output valid values	128 (SOSABOVE) - SOS above 16M, 64 (SOSBELOW) - SOS below 16M, 32 (SOSMVS) - Short of MVS storage, 16 (SOSGCDSA) - SOS above bar					
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
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 indicators	7
SYSCONDS Input/output valid values	128 (SYSDUMP) - System dumping, 64 (TRANDUMP) - Transaction dumping, 32 (MAXTASK) - At max tasks, 16 (STALLED) - Stalled, 08 (NRM) - Non-responsive, 01 (MODEOK) - CICS V3 modename Queue OK					
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					

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 336. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 337. 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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 338. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 339. 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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 340. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 341. 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
MONCLASS Output valid values						
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is ENQMNAME.

The **Tertiary** key field for this resource class is ENQMVER.

There are no object specific actions for this resource class.

External resource name

Length

56

Usage API or Batch Utility or WUI

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6167

Table 342. Valid CPSM operations

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

Table 343. ENQINGRP FEEDBACK error codes

Value	Code	Description
1	ENQINGRP_INV_DATA	Attribute data invalid
2	ENQINGRP_REC_NOT_FOUND	Requested resource not found
4	ENQINGRP_REC_EXISTS	Resource already exists
6	ENQINGRP_INV_RESTYPE	Invalid resource type
7	ENQINGRP_INV_VER	Invalid resource version
11	ENQINGRP_NON_MP	Maintenance point CMAS not available
12	ENQINGRP_INV_CONTEXT	Context not found
21	ENQINGRP_INCONSISTENT_SET	Inconsistent set
22	ENQINGRP_DIFF_VERSION	Different version
23	ENQINGRP_INV_NAME	Invalid name
24	ENQINGRP_INV_MINNAME	Invalid minor name

Table 344. ENQINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ENQMDEF Resource Table

A CICS Definition that describes an ENQ/DEQ model.

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

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

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 using BAS” on page 17.

External resource name

CICSDefinitionEnqueueModel

Length

408

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3822

Table 345. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM	INSTALL	FORCEINS(YES, NO)	No
SET		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	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
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 346. ENQMDEF FEEDBACK error codes

Value	Code	Description
1	ENQMDEF_INV_DATA	Attribute data invalid
2	ENQMDEF_REC_NOT_FOUND	Requested resource not found
4	ENQMDEF_REC_EXISTS	Resource already exists
5	ENQMDEF_REC_CHANGED	Resource definition already changed
6	ENQMDEF_INV_RESTYPE	Invalid resource type
7	ENQMDEF_INV_VER	Invalid resource version
11	ENQMDEF_NON_MP	Maintenance point CMAS not available
12	ENQMDEF_INV_CONTEXT	Context not found
13	ENQMDEF_INCONSISTENT_SET	Inconsistent set condition
14	ENQMDEF_INV_RESGROUP	Resource group not found
21	ENQMDEF_INV_ACTION	Invalid action
22	ENQMDEF_INV_RECADDR	Invalid record address
23	ENQMDEF_INV_RECLEN	Invalid record length
24	ENQMDEF_DIFF_VERSION	Different version
25	ENQMDEF_EARLY_NAMELIST_END	Early name list end
26	ENQMDEF_INV_NAMELIST	Invalid name list
27	ENQMDEF_INV_NAME	Invalid name
28	ENQMDEF_INV_MINNAME	Invalid minor name
29	ENQMDEF_NOTIFY	Notify
30	ENQMDEF_PARTIAL_INSTALL	Partial install
31	ENQMDEF_NOTHING_INSTALLED	Nothing installed
32	ENQMDEF_NO_TARGETS	No targets
33	ENQMDEF_NO_RELATED	No related systems
34	ENQMDEF_INV_TSCOPE	Invalid target scope
35	ENQMDEF_INV_RSCOPE	Invalid related scope
36	ENQMDEF_INV_USAGE	Invalid usage
37	ENQMDEF_INV_MODE	Invalid mode
38	ENQMDEF_INV_STATECHK	Invalid state check
39	ENQMDEF_INV_FORCEINS	Invalid force install
40	ENQMDEF_INV_NOTIFY	Invalid notify
41	ENQMDEF_INV_OVERTYPE	Invalid over type
42	ENQMDEF_INV_OVRBLOCK	Invalid override block
43	ENQMDEF_INV_ORSTRING	Invalid override string
44	ENQMDEF_INV_STRNGTERM	Invalid string terminator
45	ENQMDEF_INV_EMBEDTERM	Invalid embedded terminator
46	ENQMDEF_INV_ATTRIBUTE	Invalid attribute
47	ENQMDEF_INV_LITERAL	Invalid literal
48	ENQMDEF_INV_ORSTGNA	Invalid override string
49	ENQMDEF_SCOPE_REQUIRED	Scope required
50	ENQMDEF_USAGE_CONFLICT	Usage conflict
51	ENQMDEF_NODEFS_SELECTED	No definitions selected
52	ENQMDEF_MORE_THAN_1_RELSYS	More than one related system
53	ENQMDEF_MISSING_RELSYSID	Missing related system identifier
54	ENQMDEF_SCOPE_CONFLICT	Scope conflict
55	ENQMDEF_INV_CSDGROUP	Invalid CSD group
56	ENQMDEF_REC_NOT_REMOVED	Record not removed
57	ENQMDEF_INV_RESOURCE	Invalid resource
58	ENQMDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	ENQMDEF_PARTIAL_ACTION	Partial action
60	ENQMDEF_NOTHING_ACTIONED	Nothing actioned
61	ENQMDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 346. ENQMDEF FEEDBACK error codes (continued)

Value	Code	Description
62	ENQMDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	ENQMDEF_CSD_ERROR	CSD access error

Table 347. ENQMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	18
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	19
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				12
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	22
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSEnqueueModel

Length

352

Usage API or WUI or CICS Management Client Interface 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 348. Valid CPSM operations

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

Table 349. ENQMODEL 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			
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	15
CHANGEAGENT	CV DAS	INQ	4	LIKE	No	Last modification agent		E640 E650	6
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, SYSTEM, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	8
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	9
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	7

Table 349. ENQMODEL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	10
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	11
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								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	14
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	13
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	12
NAME-1	CHAR	INQ	8	DIFF	Yes	Enqueue model name			1

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSEnqueue

Length

168

Usage API or WUI or CICS Management Client Interface 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 350. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 351. 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
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

EPADAPT Resource Table

This CICS resource object provides information about event processing adapters.

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

The following actions are supported:

DISABLE

Disable an EP adapter. When disabled, the EP adapter and its associated resources are not available to CICS.

ENABLE

Enable an EP adapter. When enabled, the EP Adapter and its associated resources are available to CICS.

External resource name

CICSEPIAdapter

Length

240

Usage API or WUI or CICS Management Client Interface or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0199

Table 352. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM	ENABLE	None	N/A
SET	DISABLE	None	N/A

Table 353. EPADAPT 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 353. EPADAPT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ADAPTERTYPE	CVDAS	INQ	4	LIKE	Yes	Adapter type	3
ADAPTERTYPE Input/output valid values	CUSTOM, HTTP, TRANSTART, TSQUEUE, WMQ						
AUTHORITY	CVDAS	INQ	4	LIKE	Yes	Authority	4
AUTHORITY Input/output valid values	CONTEXT, REGION, USERID						
AUTHUSERID	CHAR	INQ	8	DIFF	Yes	Authority user ID	16
BUNDLE	CHAR	INQ	8	DIFF	Yes	Bundle name	25
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent	6
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC						
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release	7
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time	14
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID	8
CONFIGDATA1	CHAR	INQ	64	DIFF	Yes	Event processing adapter configuration data	17
DATAFORMAT	CVDAS	INQ	4	LIKE	Yes	Event format	18
DATAFORMAT Input/output valid values	USER, CBER, CBE, CCE, CFE, WBE						
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition	9
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time	13
EMITMODE	CVDAS	INQ	4	LIKE	Yes	Emission mode	19
EMITMODE Input/output valid values	ASYNCHRONOUS, SYNCHRONOUS						
ENABLESTATUS	CVDAS	CPSM	4	LIKE	Yes	Enabled status	2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED						
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent	10
INSTALLAGENT Input/output valid values	BUNDLE						
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time	15
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID	11
INVOKETYPE	CVDAS	INQ	4	LIKE	Yes	Invoke type	20
INVOKETYPE Input/output valid values	ATTACH, LINK						
NAME-1	CHAR	INQ	32	DIFF	Yes	Name	1
PRIORITY	CVDAS	INQ	4	LIKE	Yes	Priority	21
PRIORITY Input/output valid values	HIGH, NORMAL						
PROGRAM	CHAR	INQ	8	DIFF	Yes	Program	22
PUTEVENTS	BINARY	STAT	4	MAX	No	Number of events emitted	26
TRANSACTION	CHAR	INQ	4	DIFF	Yes	Transaction	23
TRANSMODE	CVDAS	INQ	4	LIKE	Yes	Transactionality	24
TRANSMODE Input/output valid values	NONTRANS, TRANS						

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

EPADSET Resource Table

This CICS resource object provides information about event processing adapter sets.

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

The following actions are supported:

DISABLE

Disable an EP adapter set. When disabled, the EP adapter set is not available to CICS.

ENABLE

Enable an EP adapter set. When enabled, the EP adapter set is available to CICS.

External resource name

CICSEPAadapterSet

Length

120

Usage API or CICS Management Client Interface or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0212

Table 354. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM	ENABLE	None	N/A
SET	DISABLE	None	N/A

Table 355. EPADSET 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	
ADAPTERNUM	BINARY	INQ	4	SUM	Yes	EP adapter count	3
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent	4
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC						

Table 355. EPADSET resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release	5
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time	12
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID	6
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition	7
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time	11
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enabled status	2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED						
EPADAPTERSET-1	CHAR	INQ	32	DIFF	Yes	Name	1
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent	8
INSTALLAGENT Input/output valid values	BUNDLE						
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time	13
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID	10

EPAINSET Resource Table

This CICS resource object provides the name of event processing adapters in an event processing adapter set.

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

The **Secondary** key field for this resource class is EPADAPTER.

This resource class has no object specific actions.

External resource name
CICSEPAAdapterInSet

Length
80

Usage API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0213

Table 356. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 357. EPAINSET 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	
EPADAPTER-2	CHAR	INQ	32	DIFF	Yes	EP adapter name	1
EPADAPTERSET-1	CHAR	INQ	32	DIFF	Yes	EP adapter set name	2

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 aCICSplex definition is created, updated, or removed.

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

EYUt2480

Table 358. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 359. EPLEXCHG resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	BINARY	CPSM	1	LIKE	Status	7
ACTION Input/output valid values	1 (PLEXADD) - CICSplex Add, 2 (PLEXUPD) - CICSplex Update, 3 (PLEXREM) - CICSplex Remove, 4 (PLEXA_E) - CICSplex Add - Plex Exists, 5 (PLEXA_F) - CICSplex Add - Add Failed, 6 (PLEXA_U) - CICSplex Add - Undelete					
BOTRSUPD	BINARY	CPSM	1	LIKE	RS server bottom tier	16
CICSplex	CHAR	CPSM	8	LIKE	CICSplex name	4
DAYLGHTSV	EYUDA	CPSM	4	LIKE	Daylight saving time in effect	11
DAYLGHTSV Output valid values	YES, NO					
INTERVAL	BINARY	CPSM	2	LIKE	Performance interval	6

Table 359. EPLEXCHG resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
READRS	BINARY	CPSM	2	LIKE	RS server read interval	13
RSPoolID	CHAR	CPSM	8	LIKE	RS server pool name	17
TMEZONE	CHAR	CPSM	1	LIKE	Time zone	9
TMEZONEO	BINARY	CPSM	1	LIKE	Time zone offset	8
TOPRSUPD	BINARY	CPSM	1	LIKE	RS server top tier	15
UPDATERS	BINARY	CPSM	1	LIKE	RS server update frequency	14

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 360. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 361. ERESSTAT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CICSNAME	CHAR	CPSM	8	LIKE	CICS system name	5

Table 361. ERESSTAT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
RESCCLASS	CHAR	CPSM	8	LIKE	Resource class	6
RESNAME	CHAR	CPSM	44	LIKE	Resource name	7
RESSTAT	BINARY	CPSM	4	LIKE	Resource class status	8

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 362. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 363. ERMCAIMD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values I (INS) - Install Resource, D (DSC) - Discard Resource, U (UPD) - Update Resource						
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5

Table 363. 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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ERMCATOM Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCATOM is emitted by a Topology control object when a ATOMSERVICE 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

EYUt2651

Table 364. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 365. ERMCAIMD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource						
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	ATOMSERVICE name	6

Table 365. *ERMCATOM resource table attributes (continued)*

Name	Datatype	Source	Len	Sum	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ERMCBUND Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCBUND is emitted by a Topology control object when a BUNDLE resource map is changed. The resource that caused the change and the action are described in the notification.

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 Notification

Copybook identifier

EYUt2652

Table 366. *Valid CPSM operations*

Operations	Actions	Parameters	Required
Not applicable			

Table 367. *ERMCBUND resource table attributes*

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	No	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource						
BUNDLEID	CHAR	INQ	64	DIFF	Yes	Bundle ID	10
CSYSNAME	CHAR	CPSM	8	LIKE	No	CICS system name	5
MAJORVERSION	BINARY	INQ	4	MAX	Yes	Major Version	11

Table 367. *ERMCBUND resource table attributes (continued)*

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
MGMTPART	CHAR	CPSM	8	DIFF	Yes	Management Part	14
MICROVERSION	BINARY	INQ	4	MAX	Yes	Micro Version	13
MINORVERSION	BINARY	INQ	4	MAX	Yes	Minor Version	12
NAME	CHAR	CPSM	8	LIKE	No	BUNDLE name	6
PARTCOUNT	BINARY	INQ	4	LIKE	No	Part count	9
PLEXNAME	CHAR	CPSM	8	LIKE	No	CICSplex name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 368. *Valid CPSM operations*

Operations	Actions	Parameters	Required
Not applicable			

Table 369. *ERMCCONN resource table attributes*

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	9

Table 369. ERMCONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
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
NETNAME	CHAR	INQ	8	LIKE	Target network name	8
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 370. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 371. ERMCDDB2C resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 372. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 373. ERMCDDB2E resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					

Table 373. ERMCDDB2E resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 374. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 375. ERMCDDB2T resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource						
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	DB2 transaction name	6

Table 375. ERMCDDB2T resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ERMCDOCT 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.

ERMCDOCT 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 376. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 377. ERMCDOCT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource						
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 378. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 379. ERMCDSNM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	8
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 380. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 381. ERMENQM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ERMCEVBD Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCEVBD is emitted by a Topology control object when an EVENTBINDING resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

56

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2654

Table 382. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 383. ERMCEVBD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	32	LIKE	Event Binding name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ERMCEVCS Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCEVCS is emitted by a Topology control object when a CAPTURESPEC resource map is changed. The resource that caused the change and the action are described in the notification.

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 Notification

Copybook identifier

EYUt2657

Table 384. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 385. ERMCEVCS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	8
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
EVENTBINDING	CHAR	CPSM	32	LIKE	Event binding name	7
NAME	CHAR	CPSM	32	LIKE	Event Processing Capture Spec name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ERMCFECS 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.

ERMCFECO 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 386. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 387. ERMCFECO resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 388. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 389. ERMCFEND resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - Install Resource, D (DSC) - Discard Resource, U (UPD) - Update Resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	FEPI node name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 390. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 391. ERMCFEPO resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - Install Resource, D (DSC) - Discard Resource, U (UPD) - Update Resource					
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 392. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 393. ERMCFETR resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - Install Resource, D (DSC) - Discard Resource, U (UPD) - Update Resource					
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ERMCFE 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.

ERMCFE 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 394. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 395. ERMCFILE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	10
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICSplex 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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 396. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 397. ERMCGLUE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	8
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 398. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 399. ERMCI PCN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	9
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CONNTYPE	EYUDA	CPSM	4	LIKE	Connection type	7
CONNTYPE Output valid values	IPIC					
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 400. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 401. ERM CJRNL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	8
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ERM CJRNM 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 CJRNM 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 402. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 403. ERM CJRNM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	8
ACTION Input/output valid values	I (INS) - Install resource, D (DSC) - Discard resource, U (UPD) - Update resource					
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	CICSplex name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ERM CJVMS Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERM CJVMS is emitted by a Topology control object when a JVM SERVER 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

EYUt2656

Table 404. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 405. ERMJVMS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	JVM server name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ERMCLIBR Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCLIBR is emitted by a Topology control object when a LIBRARY 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

EYUt2645

Table 406. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 407. ERMCLIBR resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
ACTION	CHAR	CPSM	1	LIKE	No	Change action		7

Table 407. ERMCLIBR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource							
APPLTOKEN	BINARY	CPSM	8	MAX	Yes	Application Qualifier Token	E640 E650 E660 E670 E680	8
CSYSNAME	CHAR	CPSM	8	LIKE	No	CICS system name		5
NAME	CHAR	CPSM	8	LIKE	No	LIBRARY name		6
PLEXNAME	CHAR	CPSM	8	LIKE	No	CICSplex name		4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSplex SM Notification

Copybook identifier

EYUt2495

Table 408. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 409. ERMCMODE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ERMCOSGB Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCOSGB is emitted by topology control object when an OSGIBUNDLE 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

EYUt2668

Table 410. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 411. ERM COSGB resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	11

Table 411. *ERMCOSGB resource table attributes (continued)*

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
JVMSEVER	CHAR	CPSM	8	LIKE	JVM server name	7
OSGIBUNDLEID	BINARY	CPSM	8	LIKE	OSGI bundle ID	6
OSGISTATUS	CVDAS	INQ	4	LIKE	OSGI bundle Status	8
OSGISTATUS Input/output valid values	ACTIVE, INSTALLED, RESOLVED, STARTING, STOPPING, UNINSTALLED					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ERMCOSGS Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCOSGS is emitted by topology control object when an OSGISERVICE 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

EYUt2667

Table 412. *Valid CPSM operations*

Operations	Actions	Parameters	Required
Not applicable			

Table 413. ERMCOSSGS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	11
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
JVMSEVER	CHAR	CPSM	8	LIKE	JVM server name	7
OSGISERVID	BINARY	CPSM	8	LIKE	OSGI service ID	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
SRVSTATUS	CVDAS	INQ	4	LIKE	Service Status	8
SRVSTATUS Input/output valid values	ACTIVE, INACTIVE					

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 414. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 415. ERMCPART resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - Install Resource, D (DSC) - Discard Resource, U (UPD) - Update Resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	Partner name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ERMCPIPE Resource Table

A CICSplex SM 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.

ERMCPIPE is emitted by a topology control object when a pipeline 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

EYUt2650

Table 416. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 417. ERMCPART resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7

Table 417. ERMCIPIE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	PIPELINE name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

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

EYUt2496

Table 418. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 419. ERMCPRGM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
ACTION	CHAR	CPSM	1	LIKE	No	Change action		9
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource							

Table 419. ERMCPRGM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
APPLTOKEN	BINARY	CPSM	8	MAX	Yes	Application Qualifier Token	E640 E650 E660 E670 E680	10
CSYSNAME	CHAR	CPSM	8	LIKE	No	CICS system name		5
NAME	CHAR	INQ	8	LIKE	No	Program name		6
PLEXNAME	CHAR	CPSM	8	LIKE	No	CICSplex name		4
REMOTENAME	CHAR	INQ	8	LIKE	No	Program name in remote system		7
REMOTESYSTEM	CHAR	INQ	4	LIKE	No	Remote system name		8

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 420. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 421. ERMCPROF resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - Install Resource, D (DSC) - Discard Resource, U (UPD) - Update Resource					
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 422. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 423. ERMCPRTY resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					

Table 423. ERMCPRTY resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 424. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 425. ERMCRQMD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	Request model name	6

Table 425. *ERMCRQMD resource table attributes (continued)*

Name	Datatype	Source	Len	Sum	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ERMCSOMP 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.

ERMCSOMP 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 426. *Valid CPSM operations*

Operations	Actions	Parameters	Required
Not applicable			

Table 427. *ERMCSOMP resource table attributes*

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource						
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 428. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 429. ERMCTCPS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 430. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 431. ERMCTDMP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 432. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 433. ERMCTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	10
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	INQ	4	LIKE	TD queue name	6
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					

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 434. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 435. ERMCTERM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	INQ	4	LIKE	Terminal name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 436. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 437. ERMCTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	10
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
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
TRANSTYPE	EYUDA	CPSM	4	LIKE	Transaction type	7
TRANSTYPE Output valid values	LTRAN, RTRAN					

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ERMCTTRUE 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.

ERMCTTRUE 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 438. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 439. ERMCTTRUE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - Install resource, D (DSC) - Discard resource, U (UPD) - Update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
ENTRYNAME	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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 440. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 441. ERMCTSMD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ERMCURIM Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCURIM is emitted by a Topology control object when a URIMAP 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

EYUt2649

Table 442. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 443. ERM CURIM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	URIMAP name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ERMCWEBS Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCWEBS is emitted by a Topology control object when a WEBSERVICE resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length

56

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Notification

Copybook identifier

EYUt2648

Table 444. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 445. ERMCMWEBS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	32	LIKE	WEBSERVICE name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ERMCXMLT Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCXMLT is emitted by a Topology control object when a XMLTRANSFORM resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length
56

Usage API

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Notification

Copybook identifier
EYUt2658

Table 446. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 447. ERMCMXMLT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	32	LIKE	XML Transform name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 448. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 449. ERMCONN 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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 450. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 451. 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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 452. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 453. 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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 454. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 455. *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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 456. *Valid CPSM operations*

Operations	Actions	Parameters	Required
Not applicable			

Table 457. *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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ERMMTERM 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.

ERMMTERM 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 458. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 459. ERMMTERM 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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

ERMMTRAN 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.

ERMMTRAN 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 460. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 461. ERMMTRAN 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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 462. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 463. ESGRPCHG resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	BINARY	CPSM	1	LIKE	Status	7
ACTION Input/output valid values	1 (CSYSADD) - CICS System Added, 2 (CSYSDDEL) - CICS System Deleted, 3 (SGRPREM) - System Group Removed, 4 (SGRPADD) - System Group Added					
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSRTAEvaluationDefinition

Length

1624

Usage API or Batch Utility or WUI or CICS Management Client Interface**API view**

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt2808

Table 464. Valid CPSM operations

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

Table 465. EVALDEF FEEDBACK error codes

Value	Code	Description
1	EVALDEF_INV_DATA	Attribute data invalid
2	EVALDEF_REC_NOT_FOUND	Requested resource not found
3	EVALDEF_INV_TERM	Terminator missing from end of string
4	EVALDEF_REC_EXISTS	Resource already exists
6	EVALDEF_INV_RESTYPE	Invalid resource type
7	EVALDEF_INV_ATTR	Attribute does not exist or is not settable

Table 466. EVALDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
APPLICATION	CHAR	CPSM	64	No	DIFF	No	Application name			51
APPLMAJORVER	BINARY	CPSM	4	No	DIFF	No	Application major version			53
APPLMICROVER	BINARY	CPSM	4	No	DIFF	No	Application micro version			55
APPLMINORVER	BINARY	CPSM	4	No	DIFF	No	Application minor version			54
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			43
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			46
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			45
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			44

Table 466. EVALDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
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
PLATFORM	CHAR	CPSM	64	No	DIFF	No	Platform name			49
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

EVCSPEC Resource Table

This CICS resource object provides information about deployed capture specifications.

The EVCSPEC resource identifies multiple key attributes, but only the EVENTBINDING attribute can be specified in an EVALDEF INSTANCE attribute.

Note: The REFRESH API command is not supported for the EVCSPEC resource.

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

The **Secondary** key field for this resource class is CAPTURESPEC.

This resource class has no object-specific actions.

External resource name

CICSCaptureSpecification

Length

240

Usage API or WUI or CICS Management Client Interface or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0195

Table 467. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 468. EVCSPEC 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		
CAPTUREPOINT	CHAR	INQ	25	DIFF	No	Capture point		6
CAPTURESPEC-2	CHAR	INQ	32	DIFF	Yes	Capture specification name		1
CAPTURETYPE	CVDAS	INQ	4	LIKE	No	Capture point type		3
CAPTURETYPE Output valid values	PRECOMMAND, POSTCOMMAND, PROGRAMINIT, SYSTEM							

Table 468. EVCSPEC resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
CURRPGM	CHAR	INQ	8	DIFF	No	Current program filter value	E640 E650 E660	9
CURRPGMOP	CVDAS	INQ	4	DIFF	No	Current program filter operator	E640 E650 E660	10
CURRPGMOP Output valid values	ALLVALUES, DOESNOTEQUAL, DOESNOTSTART, EQUALS, GREATERTHAN, ISNOTGREATER, ISNOTLESS, LESSTHAN, STARTSWITH							
CURRTRANID	CHAR	INQ	4	DIFF	No	Current transaction ID filter value	E640 E650 E660	11
CURRTRANIDOP	CVDAS	INQ	4	DIFF	No	Current transaction ID filter operator	E640 E650 E660	12
CURRTRANIDOP Output valid values	ALLVALUES, DOESNOTEQUAL, DOESNOTSTART, EQUALS, GREATERTHAN, ISNOTGREATER, ISNOTLESS, LESSTHAN, STARTSWITH							
CURRUSERID	CHAR	INQ	8	DIFF	No	Current user ID filter value	E640 E650 E660	13
CURRUSERIDOP	CVDAS	INQ	4	DIFF	No	Current user ID filter operator	E640 E650 E660	14
CURRUSERIDOP Output valid values	ALLVALUES, DOESNOTEQUAL, DOESNOTSTART, EQUALS, GREATERTHAN, ISNOTGREATER, ISNOTLESS, LESSTHAN, STARTSWITH							
EVENTBINDING-1	CHAR	INQ	32	DIFF	No	Event binding name		2
EVENTNAME	CHAR	INQ	32	DIFF	No	Event name		4
EVNTCAPFAIL	BINARY	STAT	4	DIFF	No	Capture failures	E640 E650 E660	8
EVNTCAPTURED	BINARY	STAT	8	SUM	No	Events captured		5
NUMDATAPRED	BINARY	INQ	4	SUM	No	Data predicate count	E640 E650 E660	19
NUMINFOSRCE	BINARY	INQ	4	SUM	No	Information source count	E640 E650 E660	20
NUMOPTPRED	BINARY	INQ	4	SUM	No	Option predicate count	E640 E650 E660	18
PRIMPRED	CHAR	INQ	32	DIFF	No	Primary predicate filter value	E640 E650 E660	15
PRIMPREDOP	CVDAS	INQ	4	DIFF	No	Primary predicate filter operator	E640 E650 E660	16
PRIMPREDOP Output valid values	ALLVALUES, DOESNOTEQUAL, DOESNOTSTART, EQUALS, GREATERTHAN, ISNOTGREATER, ISNOTLESS, LESSTHAN, STARTSWITH							
PRIMPREDTYPE	CVDAS	INQ	4	DIFF	Yes	Primary predicate type		17
PRIMPREDTYPE Output valid values	CONTAINER, CURRENTPGM, EVENT, FILE, MAP, MESSAGEID, NONE, PROGRAM, SERVICE, TDQUEUE, TRANCLASS, TRANSACTION, TSQUEUE							

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

EVCSDATA Resource Table

This CICS resource object provides information about deployed data predicates.

The EVCSDATA resource identifies multiple key attributes, but only the EVENTBINDING attribute can be specified in an EVALDEF INSTANCE attribute.

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

The **Secondary** key field for this resource class is CAPTURESPEC.

The **Tertiary** key field for this resource class is SEQNUMBER.

This resource class has no object specific actions.

External resource name

CICSCaptureSpecificationDataPredicate

Length

496

Usage API or WUI or CICS Management Client Interface or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0202

Table 469. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 470. EVCSDATA 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	
CAPTURESPEC-2	CHAR	INQ	32	DIFF	Yes	Capture specification name	1
CONTAINER	CHAR	INQ	16	DIFF	No	Container name	3
EVENTBINDING-1	CHAR	INQ	32	DIFF	No	Event binding name	2
FIELDLENGTH	BINARY	INQ	4	MAX	No	Field length	4
FIELDOFFSET	BINARY	INQ	4	MAX	No	The data offset within the data source	5
FILENAME	CHAR	INQ	32	DIFF	No	Language structure file name	6
FILTERVALUE	CHAR	INQ	255	DIFF	No	Application data predicate value	14
LOCATION	CHAR	INQ	32	DIFF	No	Location of the data	8
OPERATOR	CVDAS	INQ	4	LIKE	No	Comparative operator for this predicate	12
OPERATOR Output valid values	DOESNOTEQUAL, DOESNOTEXIST, DOESNOTSTART, EQUALS, EXISTS, GREATERTHAN, ISNOTGREATER, ISNOTLESS, LESSTHAN, STARTSWITH						

Table 470. EVCSDATA resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SEQNUMBER-3	BINARY	CPSM	4	MAX	No	Browse sequence number	13
STRUCTNAME	CHAR	INQ	32	DIFF	No	Language structure name	10
VARIABLENAME	CHAR	INQ	32	DIFF	No	Language structure variable name	11

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

EVCSINFO Resource Table

This CICS resource object provides information about deployed information sources.

The EVCSINFO resource identifies multiple key attributes, but only the EVENTBINDING attribute can be specified in an EVALDEF INSTANCE attribute.

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

The **Secondary** key field for this resource class is CAPTURESPEC.

The **Tertiary** key field for this resource class is SEQNUMBER.

This resource class has no object specific actions.

External resource name

CICSCaptureSpecificationInformationSource

Length

272

Usage API or WUI or CICS Management Client Interface or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0203

Table 471. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 472. EVCSINFO 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	
CAPTURESPEC-2	CHAR	INQ	32	DIFF	Yes	Capture specification name	1
CONTAINER	CHAR	INQ	16	DIFF	No	Container name	3
EVENTBINDING-1	CHAR	INQ	32	DIFF	No	Event binding name	2
FIELDLENGTH	BINARY	INQ	4	MAX	No	Field length	4
FIELDOFFSET	BINARY	INQ	4	MAX	No	The data offset within the data source	5
FILENAME	CHAR	INQ	32	DIFF	No	Language structure file name	6
ITEMNAME	CHAR	INQ	32	DIFF	No	Emitted business information name	12
LOCATION	CHAR	INQ	32	DIFF	No	Location of the data	8
SEQNUMBER-3	BINARY	CPSM	4	MAX	No	Browse sequence number	13
STRUCTNAME	CHAR	INQ	32	DIFF	No	Language structure name	10
VARIABLENAME	CHAR	INQ	32	DIFF	No	Language structure variable name	11

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

EVCSOPT Resource Table

This CICS resource object provides information about deployed option predicates.

The EVCSOPT resource identifies multiple key attributes, but only the EVENTBINDING attribute can be specified in an EVALDEF INSTANCE attribute.

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

The **Secondary** key field for this resource class is CAPTURESPEC.

The **Tertiary** key field for this resource class is SEQNUMBER.

This resource class has no object specific actions.

External resource name

CICSCaptureSpecificationOptionPredicate

Length

376

Usage API or WUI or CICS Management Client Interface or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0201

Table 473. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 474. EVCSOPT 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	
CAPTURESPEC-2	CHAR	INQ	32	DIFF	Yes	Capture specification name	1
EVENTBINDING-1	CHAR	INQ	32	DIFF	No	Event binding name	2
FILTERVALUE	CHAR	INQ	255	DIFF	No	Filter value	5
OPERATOR	CVDAS	INQ	4	DIFF	No	Comparative operator for this predicate	4
OPERATOR Output valid values	DOESNOTEQUAL, DOESNOTEXIST, DOESNOTSTART, EQUALS, EXISTS, GOHIGHERTHAN, GOLOWERTHAN, GREATERTHAN, ISNOTGREATER, ISNOTLESS, LESSTHAN, STARTSWITH						
OPTIONNAME	CHAR		32	LIKE	Yes	Option name	0
SEQUNUMBER-3	BINARY	CPSM	4	MAX	No	Browse sequence number	13

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

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

The **Secondary** key field for this resource class is EVENT.

The **Tertiary** key field for this resource class is TARGET.

The **Fourth** key field for this resource class is EVNTSEV.

The **Fifth** key field for this resource class is PRIORITY.

The **Sixth** key field for this resource class is SEQUENCE.

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

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 before an analysis of the RTADEF that references the evaluation.

External resource name

CICSRTAEventDetail

Length

480

Usage API or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Manager

Copybook identifier

EYUt2520

Table 475. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 476. 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

Table 476. EVENTDTL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EVENTSEV-4	EYUDA	CPSM	4	LIKE	Yes	Event severity	36
EVENTSEV-4 Output valid values	VLS, LS, LW, 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	134	DIFF	No	Identifier of specific resource that caused event	34
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

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

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

The **Tertiary** key field for this resource class is TARGET.

The **Fourth** key field for this resource class is SEVERITY.

The **Fifth** key field for this resource class is PRIORITY.

The **Sixth** key field for this resource class is SEQUENCE.

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

CICSRTAEvent

Length

408

Usage API or WUI or CICS Management Client Interface 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 477. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 478. 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

Table 478. EVENT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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
CURLSEENTRY	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
CURVHSEENTRY	BINARY	CPSM	4	AVG	No	Current VHS true evaluation count	29
CURVHSEXIT	BINARY	CPSM	4	AVG	No	Current VHS false evaluation count	35
CURLVSEENTRY	BINARY	CPSM	4	AVG	No	Current VLS true evaluation count	24
CURLVSEXIT	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
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	134	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

Table 478. EVENT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SEVERITY-4	EYUDA	CPSM	4	LIKE	Yes	Event severity	6
SEVERITY-4 Output valid values	VLS, LS, LW, HW, HS, VHS						
TARGET-3	CHAR	CPSM	8	DIFF	Yes	Current event target	5
VHSENTRY	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
VLSENTRY	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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

EVNTBIND Resource Table

This CICS resource object provides information about event bindings.

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

The following actions are supported:

ENABLE

The event binding is enabled. Capture of events matching capture specifications in this event binding starts immediately.

DISABLE

The event binding is disabled. Capture of events matching capture specifications in this event binding is stopped immediately. Any events already captured are emitted.

External resource name

CICSEventBinding

Length

200

Usage API or WUI or CICS Management Client Interface or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier
EYUt0192

Table 479. Valid CPSM operations

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

Table 480. EVNTBIND 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		
BUNDLE	CHAR	INQ	8	DIFF	Yes	Bundle name		4
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		6
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC							
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		7
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		14
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		8
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		9
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		13
ENABLESTATUS	CVDAS	CPSM	4	LIKE	Yes	Enabled status		2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED							
EPADAPTER	CHAR	INQ	32	DIFF	Yes	Event processing adapter	E640 E650 E660	16
EPADAPTERRES	CVDAS	INQ	4	DIFF	Yes	Event processing adapter resource type	E640 E650 E660 E670	18
EPADAPTERRES Input/output valid values	EPADAPTER, EPADAPTERSET							
EPADAPTERSET	CHAR	INQ	32	DIFF	Yes	Event processing adapter set	E640 E650 E660 E670	17
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		10
INSTALLAGENT Input/output valid values	BUNDLE							
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		15
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		11
NAME-1	CHAR	INQ	32	DIFF	Yes	Name		1
USERTAG	CHAR	INQ	8	DIFF	Yes	User tag		3

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

EVNTGBL Resource Table

This CICS resource object provides information about event processing.

A particular CICS region has only one instance of the resource.

The following actions are supported:

START

The EVENTPROCESS state is changed to STARTED. For inflight transactions, the capture of nontransactional events starts immediately and the capture of transactional events starts at the next sync point.

DRAIN

The EVENTPROCESS state is changed to DRAIN, and event capture is stopped immediately. Any transactional events on the dispatcher queue are deleted. Transactional events are not considered captured until a sync point occurs and a sync point event will not now be captured. Any nontransactional events are emitted. When the last event on the queue is emitted, the EVENTPROCESS state changes to STOPPED.

STOP The EVENTPROCESS state is changed to STOPPED, and event capture is stopped immediately. All events on the dispatcher queue are deleted.

External resource name

CICSEventProcessing

Length

168

Usage API or WUI or CICS Management Client Interface or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0193

Table 481. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM	START	None	N/A
SET			
	DRAIN	None	N/A
	STOP	None	N/A

Table 482. EVNTGBL 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		
EPSTATUS	CVDAS	CPSM	4	LIKE	Yes	Event processing status		1
EPSTATUS Input/output valid values	STARTED, STOPPED, DRAIN							
EVNTBACKOUT	BINARY	STAT	4	MAX	No	Commit backward events		7
EVNTCAPOPSF	BINARY	STAT	4	MAX	No	Capture operations failed		26
EVNTCOMMIT	BINARY	STAT	4	MAX	No	Commit forward events		6
EVNTCURDSP	BINARY	STAT	4	MAX	No	Current dispatcher tasks		17
EVNTCURREVQ	BINARY	STAT	4	MAX	No	Current event capture queue		8
EVNTCURRTRQ	BINARY	STAT	4	MAX	No	Current transactional queue		10
EVNTCUSTAD	BINARY	STAT	4	MAX	No	Events to Custom EP adapter		22
EVNTDISABLE	BINARY	STAT	4	MAX	No	Events with disabled EVENTBINDING		4
EVNTDOMSTID	BINARY	STAT	2	MAX	No	EP domain statistics ID		24
EVNTDSPFAILC	BINARY	STAT	4	MAX	No	Events lost (dispatcher) - config		29
EVNTDSPFAILO	BINARY	STAT	4	MAX	No	Events lost (dispatcher) - other		30
EVNTFILTCAP	BINARY	STAT	8	MAX	No	Events captured		3
EVNTFILTOPS	BINARY	STAT	8	MAX	No	Event filtering operations		2
EVNTFILTOPSF	BINARY	STAT	4	MAX	No	Filter operations failed		25
EVNTHTPCNT	BINARY	STAT	4	MAX	No	Events to HTTP EP adapter	E640 E650	33
EVNTLOSTAU	BINARY	STAT	4	MAX	No	Events lost - adapter unavailable	E640 E650 E660	35
EVNTLOSTCO	BINARY	STAT	4	MAX	No	Events lost (adapter) - config		27
EVNTLOSTOT	BINARY	STAT	4	MAX	No	Events lost (adapter) - other		28
EVNTMQADAPT	BINARY	STAT	4	MAX	No	Events to Websphere MQ EP adapter		19
EVNTNORM	BINARY	STAT	4	MAX	No	Async normal events		12
EVNTPEAKDSP	BINARY	STAT	4	MAX	No	Peak dispatcher tasks		18
EVNTPEAKEVQ	BINARY	STAT	4	MAX	No	Peak event capture queue		9
EVNTPEAKTRQ	BINARY	STAT	4	MAX	No	Peak transactional queue		11
EVNTPRIO	BINARY	STAT	4	MAX	No	Async priority events		13
EVNTPUT	BINARY	STAT	4	MAX	No	Put events		5
EVNTSYNCCAP	BINARY	STAT	4	MAX	No	Synchronous events	E640 E650 E660	31
EVNTSYNCFail	BINARY	STAT	4	MAX	No	Synchronous events failed	E640 E650 E660	32
EVNTSYSCAP	BINARY	STAT	8	MAX	No	Total system events captured	E640 E650 E660	36
EVNTTRAN	BINARY	STAT	4	MAX	No	Transactional events		14
EVNTTRANATT	BINARY	STAT	4	MAX	No	Dispatcher tasks attached		16
EVNTTRANDIS	BINARY	STAT	4	MAX	No	Transactional events discarded		15
EVNTTRANSAD	BINARY	STAT	4	MAX	No	Events to Transaction EP adapter		21
EVNTTSQSTAT	BINARY	STAT	4	MAX	No	Events to Tsqueue EP adapter		20

Table 482. EVNTGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SCHEMALEVEL	CHAR	STAT	4	MAX	No	Highest schema level supported	E640 E650 E660	34

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

EXCI Resource Table

A CICS Resource that describes information about tasks that originated from client programs using the external CICS interface API

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

The **Secondary** key field for this resource class is TASK.

There are no object specific actions for this resource class.

External resource name

CICSEXCIRequest

Length

80

Usage API or WUI or CICS Management Client Interface 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 483. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 484. 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	

Table 484. EXCI resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
LWID-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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

EXITGLUE Resource Table

A CICS Resource that describes a global user exit in an active CICS system being managed by CICSplex SM.

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

The **Secondary** key field for this resource class is EXITPOINT.

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

CICSGlobalUserExit

Length

64

Usage API or WUI or CICS Management Client Interface

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0056

Table 485. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 486. 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						

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is ENTRYNAME.

There are no object specific actions for this resource class.

External resource name

CICSTaskRelatedExit

Length

104

Usage API or WUI or CICS Management Client Interface

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier
EYUt0055

Table 487. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 488. 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, REQUIRED, 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
FORMATEDFST	CVDAS	INQ	4	LIKE	No	Format execution diagnostic facility (EDF) status	4
FORMATEDFST Output valid values	FORMATEDE, NOFORMATEDE, 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
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						

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

EXTGLORD Resource Table

A CICS Resource that describes a global user exit in an active CICS system being managed by CICSplex SM.

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

The **Secondary** key field for this resource class is EXITPOSITION.

The **Tertiary** key field for this resource class is PROGRAM.

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 WUI 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 489. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 490. 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	CV DAS	INQ	4	LIKE	No	Concurrency status	12
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

Table 490. EXTGLORD resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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	CVDAS	INQ	4	LIKE	No	Exit program availability status	6
STARTSTATUS Output valid values	STARTED, STOPPED						
USECOUNT	BINARY	INQ	4	AVG	No	Program use count	11

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSExtrapartitionTDQueue

Length

208

Usage API or WUI or CICS Management Client Interface 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 491. Valid CPSM operations

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

Table 492. EXTRATDQ 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			
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	30
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
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	21
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, SYSTEM, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	23
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	25
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	22
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
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	26
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	27
DISPOSITION	CVDAS	INQ	4	LIKE	No	Data set disposition			13
DISPOSITION Output valid values	MOD, OLD, SHARE, NOTAPPLIC								
DSNAME	CHAR	INQ	44	DIFF	No	Name of data set			12
EMPTYSTATUS	CVDAS	INQ	4	LIKE	No	Empty status			3

Table 492. EXTRATDQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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, NOTAPPLIC								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	24
INSTALLAGENT Input/output valid values	CSDAPI, CREATSPI, GRPLIST, SYSTEM								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	29
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	28
IOTYPE	CVDAS	INQ	4	LIKE	No	I/O type			5
IOTYPE Output valid values	INPUT, OUTPUT, RDBACK, NOTAPPLIC								
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, NOTAPPLIC								
SYSOUTCLASS	CHAR	INQ	1	DIFF	No	SYSOUT class if spool file			18
TDQUEUE-1	CHAR	INQ	4	DIFF	Yes	Queue ID			1

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 493. Valid CPSM operations

Operations	Actions	Parameters	Required
Not applicable			

Table 494. FEEDBACK resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ATTRDATAVAL	CHAR	CPSM	1	LIKE	Attribute data available	5
ATTRDATAVAL Input/output valid values	Y (YES) - Attribute Ids valid, N (NO) - No Attribute Id data					
ATTR_DTYP1	BINARY	CPSM	1	LIKE	Attribute datatype	18
ATTR_DTYP1 Input/output valid values	0 (COMP) - Component Identifier, 4 (BIN) - Binary Numeric, 8 (RATE) - Binary Derived Rate, 12 (PER) - Binary Derived Percent, 16 (SUM) - Binary Derived Sum, 20 (RATO) - Binary Derived Ratio, 24 (AVG) - Binary Derived Average, 28 (TSTP) - System/390 Timestamp, 32 (BIT) - Bit, 36 (TEXT) - Text Unknown Length, 40 (CHAR) - Character, 44 (EYUD) - EYUDA, 48 (CVDS) - CVDA Standard, 52 (CVDI) - CVDA Terminal, 56 (REST) - Resource Type, 60 (PACK) - Packed Decimal, 64 (DATE) - Date, 68 (ILBL) - Internal Label Field, 72 (HHMM) - Binary HHMM, 76 (SCLK) - Interval Store Clock, 80 (IUSC) - Interval Microseconds, 84 (IMSC) - Interval Milliseconds, 88 (I6US) - Interval 16 Microseconds, 92 (ISEC) - Interval Seconds, 96 (IUSS) - Interval Store Clock Delta, 100 (DTGP) - Date Time Group, 104 (DECT) - Packed Decimal Timestamp, 108 (ADDR) - Address, 112 (CNUM) - Coded Numeric, 116 (HCHR) - Non Display Character, 120 (HEX) - Hexadecimal, 124 (TBLV) - Table version, 128 (RAT3) - Binary derived rate 3DP, 132 (PER3) - Binary derived percent 3DP, 136 (SUM3) - Binary derived sum 3DP, 140 (AVG3) - Binary derived average 3DP, 144 (DECS) - Packed Decimal Time - No Tenths, 152 (SC12) - Interval Store Clock Length 12					
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

Table 494. FEEDBACK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
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
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 available	6
CEIBDATAVAL Input/output valid values	Y (YES) - EIB data valid, N (NO) - No EIB data					
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 code	4
COMMAND Input/output valid values	1 (NOOP) - NOOP, 2 (CANCEL) - Cancel, 3 (CONNECT) - Connect, 4 (COPY) - Copy, 5 (CREATE) - Create, 6 (DELETE) - Delete, 7 (DISCARD) - Discard, 8 (DISCONN) - Disconnect, 9 (FETCH) - Fetch, 10 (GET) - Get, 11 (LOCATE) - Locate, 12 (MARK) - Mark, 13 (ORDER) - Order by, 14 (PERFSET) - Perform Set, 15 (PERFOBJ) - Perform Object, 16 (QUALIFY) - Qualify, 17 (QUERY) - Query, 18 (RECEIVE) - Receive, 19 (REMOVE) - Remove, 20 (FILTER) - Specify Filter, 21 (UNMARK) - Unmark, 22 (ADDRESS) - Address, 23 (GETDEF) - Getdef, 24 (LISTEN) - Listen, 25 (REFRESH) - Refresh, 26 (SET) - Set, 27 (VIEW) - Specify View, 28 (TERM) - Terminate, 29 (TRANS) - Translate, 30 (GROUP) - Group by, 31 (UPDATE) - Update, 32 (FEEDBACK) - Feedback, 33 (EXPAND) - Expand					
CSDAPI	CHAR	CPSM	1	LIKE	CSD API	53
CSDAPI Input/output valid values	Y (YES) - CSD API related request, N (NO) - non-CSD API related request					
DIAGNOSTIC	BINARY	CPSM	32	LIKE	Internal diagnostic data	43
ERRCODEVAL	CHAR	CPSM	1	LIKE	Error code value available	7
ERRCODEVAL Input/output valid values	Y (YES) - Error Code valid, N (NO) - No Error Code Data					
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	33	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

Table 494. FEEDBACK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
RSLTRECID	BINARY	CPSM	4	LIKE	Result set record ID	42
RSRVED01	BINARY	CPSM	2	LIKE	Reserved Area	41

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

FENODDEF Resource Table

A CICS Definition that describes a FEPI Node.

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

The **Secondary** key field for this resource class is DEFVER.

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 using BAS” on page 17.

External resource name

CICSDefinitionFEPINode

Length

1168

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3829

Table 495. 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

Table 495. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
		RESGROUP(value)	Yes
	ADDTGRP		

Table 496. FENODDEF FEEDBACK error codes

Value	Code	Description
1	FENODDEF_INV_DATA	Attribute data invalid
2	FENODDEF_REC_NOT_FOUND	Requested resource not found
4	FENODDEF_REC_EXISTS	Resource already exists
5	FENODDEF_REC_CHANGED	Resource definition already changed
6	FENODDEF_INV_RESTYPE	Invalid resource type
7	FENODDEF_INV_VER	Invalid resource version
11	FENODDEF_NON_MP	Maintenance point CMAS not available
12	FENODDEF_INV_CONTEXT	Context not found
13	FENODDEF_INCONSISTENT_SET	Inconsistent set condition
14	FENODDEF_INV_RESGROUP	Resource group not found
21	FENODDEF_INV_ACTION	Invalid action
22	FENODDEF_INV_RECADDR	Invalid record address
23	FENODDEF_INV_RECLEN	Invalid record length
24	FENODDEF_DIFF_VERSION	Different version
25	FENODDEF_EARLY_NAMELIST_END	Early name list end
26	FENODDEF_INV_NAMELIST	Invalid name list
27	FENODDEF_INV_NAME	Invalid name
28	FENODDEF_INV_MINNAME	Invalid minor name
29	FENODDEF_NOTIFY	Notify
30	FENODDEF_PARTIAL_INSTALL	Partial install
31	FENODDEF_NOTHING_INSTALLED	Nothing installed
32	FENODDEF_NO_TARGETS	No targets
33	FENODDEF_NO_RELATED	No related systems
34	FENODDEF_INV_TSCOPE	Invalid target scope
35	FENODDEF_INV_RSCOPE	Invalid related scope
36	FENODDEF_INV_USAGE	Invalid usage
37	FENODDEF_INV_MODE	Invalid mode
38	FENODDEF_INV_STATECHK	Invalid state check
39	FENODDEF_INV_FORCEINS	Invalid force install
40	FENODDEF_INV_NOTIFY	Invalid notify
41	FENODDEF_INV_OVERTYPE	Invalid over type
42	FENODDEF_INV_OVRBLOCK	Invalid override block
43	FENODDEF_INV_ORSTRING	Invalid override string
44	FENODDEF_INV_STRNGTERM	Invalid string terminator
45	FENODDEF_INV_EMBEDTERM	Invalid embedded terminator
46	FENODDEF_INV_ATTRIBUTE	Invalid attribute
47	FENODDEF_INV_LITERAL	Invalid literal
48	FENODDEF_INV_ORSTGNA	Invalid override string

Table 496. FENODDEF FEEDBACK error codes (continued)

Value	Code	Description
49	FENODDEF_SCOPE_REQUIRED	Scope required
50	FENODDEF_USAGE_CONFLICT	Usage conflict
51	FENODDEF_NODEFS_SELECTED	No definitions selected
52	FENODDEF_MORE_THAN_1_RELSYS	More than one related system
53	FENODDEF_MISSING_RELSYSID	Missing related system identifier
54	FENODDEF_SCOPE_CONFLICT	Scope conflict

Table 497. FENODDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ACQSTATUS	CVDAS	CPSM	4	Yes	LIKE	No	Acquired status	ACQUIRED			15
ACQSTATUS Input/output valid values	ACQUIRED, RELEASED										
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	20
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	22
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	21
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	No	DIFF	No	Node list				18
PASSWORDS	CHAR	CPSM	512	No	DIFF	No	Password list				17
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 **Secondary** key field for this resource class is NODENAME.

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

CICSFEPIConnection

Length

160

Usage API or WUI or CICS Management Client Interface 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 498. Valid CPSM operations

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

Table 499. FEPICONN 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						

Table 499. FEPICONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ACQSTATUS Output valid values	ACQUIRING, RELEASING						
ACQUIRES	BINARY	STAT	4	AVG	No	Number of acquires	4
CHARSRECVD	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
RECVTIMEOUT	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, PENDBEGIN, 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	CHAR	INQ	64	MIN	Yes	User data for connection	17
WAITCONVNUM	BINARY	INQ	4	AVG	No	Number of conversations waiting for connection	16

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSFEPINode

Length

112

Usage API or WUI or CICS Management Client Interface 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 500. Valid CPSM operations

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

Table 501. 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						

Table 501. FEPINODE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SERVSTATUS Output valid values	GOINGOUT						
USERDATA	CHAR	INQ	64	DIFF	Yes	User data for node	7

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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,...)
      [ACQSTATUS(cvda1)] [SERVSTATUS(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

CICSFEPIPoo

Length

208

Usage API or WUI or CICS Management Client Interface 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 502. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM	ADD	ACQSTATUS(ACQUIRED, RELEASED)	No
SET		NODES	Yes
		SERVSTATUS(INSERVICE, OUTSERVICE)	No
		TARGETS	Yes
	DELETE	NODES	Yes
		POOL(value)	No
		TARGETS	Yes
	DISCARD	None	N/A
	INSERVICE	None	N/A
	INSTALL	ACQSTATUS(ACQUIRED, RELEASED)	No
		NODES	Yes
		POOL(value)	No
		PROPERTY(value)	No
		SERVSTATUS(INSERVICE, OUTSERVICE)	No
		TARGETS	Yes
	OUTSERVICE	None	N/A

Table 503. FEPIPOOL resource table attributes

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

Table 503. FEPIPOOL 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	
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						
MAXLENGTH	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
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

Table 503. FEPIPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
WAITCONVNUM	BINARY	INQ	4	AVG	No	Number of conversations waiting	28

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSFEPIPropertySet

Length

88

Usage API or WUI or CICS Management Client Interface 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 504. Valid CPSM operations

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

Table 505. 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	

Table 505. FEPIPROP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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						
MAXLENGTH	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						

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

FEPI TRGT 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 **Secondary** key field for this resource class is POOLNAME.

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

CICSFEPITarget

Length

136

Usage API or WUI or CICS Management Client Interface 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 506. Valid CPSM operations

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

Table 507. 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
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

Table 507. FEPITRGT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
TOTALLOCWAIT	BINARY	STAT	4	AVG	No	Total number of allocates that waited	6
USERDATA	CHAR	INQ	64	DIFF	Yes	Target user data	12

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

FEPOODEF Resource Table

A CICS Definition that describes a FEPI Pool.

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

The **Secondary** key field for this resource class is DEFVER.

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 using BAS” on page 17.

External resource name

CICSDefinitionFEPIPpool

Length

1432

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3827

Table 508. 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

Table 508. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
		RESGROUP(value)	Yes
	ADDTGRP		

Table 509. FEPOODEF FEEDBACK error codes

Value	Code	Description
1	FEPOODEF_INV_DATA	Attribute data invalid
2	FEPOODEF_REC_NOT_FOUND	Requested resource not found
4	FEPOODEF_REC_EXISTS	Resource already exists
5	FEPOODEF_REC_CHANGED	Resource definition already changed
6	FEPOODEF_INV_RESTYPE	Invalid resource type
7	FEPOODEF_INV_VER	Invalid resource version
11	FEPOODEF_NON_MP	Maintenance point CMAS not available
12	FEPOODEF_INV_CONTEXT	Context not found
13	FEPOODEF_INCONSISTENT_SET	Inconsistent set condition
14	FEPOODEF_INV_RESGROUP	Resource group not found
21	FEPOODEF_INV_ACTION	Invalid action
22	FEPOODEF_INV_RECADDR	Invalid record address
23	FEPOODEF_INV_RECLEN	Invalid record length
24	FEPOODEF_DIFF_VERSION	Different version
25	FEPOODEF_EARLY_NAMELIST_END	Early name list end
26	FEPOODEF_INV_NAMELIST	Invalid name list
27	FEPOODEF_INV_NAME	Invalid name
28	FEPOODEF_INV_MINNAME	Invalid minor name
29	FEPOODEF_NOTIFY	Notify
30	FEPOODEF_PARTIAL_INSTALL	Partial install
31	FEPOODEF_NOTHING_INSTALLED	Nothing installed
32	FEPOODEF_NO_TARGETS	No targets
33	FEPOODEF_NO_RELATED	No related systems
34	FEPOODEF_INV_TSCOPE	Invalid target scope
35	FEPOODEF_INV_RSCOPE	Invalid related scope
36	FEPOODEF_INV_USAGE	Invalid usage
37	FEPOODEF_INV_MODE	Invalid mode
38	FEPOODEF_INV_STATECHK	Invalid state check
39	FEPOODEF_INV_FORCEINS	Invalid force install
40	FEPOODEF_INV_NOTIFY	Invalid notify
41	FEPOODEF_INV_OVERTYPE	Invalid over type
42	FEPOODEF_INV_OVRBLOCK	Invalid override block
43	FEPOODEF_INV_ORSTRING	Invalid override string
44	FEPOODEF_INV_STRNGTERM	Invalid string terminator
45	FEPOODEF_INV_EMBEDTERM	Invalid embedded terminator
46	FEPOODEF_INV_ATTRIBUTE	Invalid attribute
47	FEPOODEF_INV_LITERAL	Invalid literal
48	FEPOODEF_INV_ORSTGNA	Invalid override string

Table 509. FEPOODEF FEEDBACK error codes (continued)

Value	Code	Description
49	FEPOODEF_SCOPE_REQUIRED	Scope required
50	FEPOODEF_USAGE_CONFLICT	Usage conflict
51	FEPOODEF_NODEFS_SELECTED	No definitions selected
52	FEPOODEF_MORE_THAN_1_RELSYS	More than one related system
53	FEPOODEF_MISSING_RELSYSID	Missing related system identifier
54	FEPOODEF_SCOPE_CONFLICT	Scope conflict

Table 510. FEPOODEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ACQSTATUS	CVDAS	CPSM	4	No	LIKE	No	Pool acquire status	ACQUIRED			17
ACQSTATUS Input/output valid values	ACQUIRED, RELEASED										
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	21
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	23
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	22
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

FEPRODEF Resource Table

A CICS Definition that describes a FEPI Property Set.

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

The **Secondary** key field for this resource class is DEFVER.

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 using BAS” on page 17.

External resource name

CICSDefinitionFEPIPropertySet

Length

200

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3830

Table 511. 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	INSTALL	FORCEINS(YES, NO)	No
SET		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	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 512. FEPRODEF FEEDBACK error codes

Value	Code	Description
1	FEPRODEF_INV_DATA	Attribute data invalid
2	FEPRODEF_REC_NOT_FOUND	Requested resource not found
4	FEPRODEF_REC_EXISTS	Resource already exists
5	FEPRODEF_REC_CHANGED	Resource definition already changed
6	FEPRODEF_INV_RESTYPE	Invalid resource type
7	FEPRODEF_INV_VER	Invalid resource version
11	FEPRODEF_NON_MP	Maintenance point CMAS not available
12	FEPRODEF_INV_CONTEXT	Context not found
13	FEPRODEF_INCONSISTENT_SET	Inconsistent set condition
14	FEPRODEF_INV_RESGROUP	Resource group not found
21	FEPRODEF_INV_ACTION	Invalid action
22	FEPRODEF_INV_RECADDR	Invalid record address
23	FEPRODEF_INV_RECLEN	Invalid record length
24	FEPRODEF_DIFF_VERSION	Different version
25	FEPRODEF_EARLY_NAMELIST_END	Early name list end
26	FEPRODEF_INV_NAMELIST	Invalid name list
27	FEPRODEF_INV_NAME	Invalid name
28	FEPRODEF_INV_MINNAME	Invalid minor name
29	FEPRODEF_NOTIFY	Notify
30	FEPRODEF_PARTIAL_INSTALL	Partial install
31	FEPRODEF_NOTHING_INSTALLED	Nothing installed
32	FEPRODEF_NO_TARGETS	No targets
33	FEPRODEF_NO_RELATED	No related systems
34	FEPRODEF_INV_TSCOPE	Invalid target scope
35	FEPRODEF_INV_RSCOPE	Invalid related scope
36	FEPRODEF_INV_USAGE	Invalid usage
37	FEPRODEF_INV_MODE	Invalid mode
38	FEPRODEF_INV_STATECHK	Invalid state check
39	FEPRODEF_INV_FORCEINS	Invalid force install
40	FEPRODEF_INV_NOTIFY	Invalid notify
41	FEPRODEF_INV_OVERTYPE	Invalid over type
42	FEPRODEF_INV_OVRBLOCK	Invalid override block
43	FEPRODEF_INV_ORSTRING	Invalid override string
44	FEPRODEF_INV_STRNGTERM	Invalid string terminator
45	FEPRODEF_INV_EMBEDTERM	Invalid embedded terminator
46	FEPRODEF_INV_ATTRIBUTE	Invalid attribute
47	FEPRODEF_INV_LITERAL	Invalid literal
48	FEPRODEF_INV_ORSTGNA	Invalid override string
49	FEPRODEF_SCOPE_REQUIRED	Scope required
50	FEPRODEF_USAGE_CONFLICT	Usage conflict
51	FEPRODEF_NODEFS_SELECTED	No definitions selected
52	FEPRODEF_MORE_THAN_1_RELSYS	More than one related system
53	FEPRODEF_MISSING_RELSYSID	Missing related system identifier
54	FEPRODEF_SCOPE_CONFLICT	Scope conflict

Table 513. FEPRODEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
BEGINSESSION	CHAR	CPSM	4	No	DIFF	No	Begin-session transaction				15
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	30

Table 513. FEPRODEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	31
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
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										
ENDSESSION	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										
MAXFLENGTH	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
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				12

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

FETRGDEF Resource Table

A CICS Definition that describes a FEPI Target.

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

The **Secondary** key field for this resource class is DEFVER.

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 using BAS” on page 17.

External resource name

CICSDefinitionFEPITarget

Length

1160

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3828

Table 514. 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	INSTALL	FORCEINS(YES, NO)	No
SET		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No

Table 514. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTOGRP	RESGROUP(value)	Yes

Table 515. FETRGDEF FEEDBACK error codes

Value	Code	Description
1	FETRGDEF_INV_DATA	Attribute data invalid
2	FETRGDEF_REC_NOT_FOUND	Requested resource not found
4	FETRGDEF_REC_EXISTS	Resource already exists
5	FETRGDEF_REC_CHANGED	Resource definition already changed
6	FETRGDEF_INV_RESTYPE	Invalid resource type
7	FETRGDEF_INV_VER	Invalid resource version
11	FETRGDEF_NON_MP	Maintenance point CMAS not available
12	FETRGDEF_INV_CONTEXT	Context not found
13	FETRGDEF_INCONSISTENT_SET	Inconsistent set condition
14	FETRGDEF_INV_RESGROUP	Resource group not found
21	FETRGDEF_INV_ACTION	Invalid action
22	FETRGDEF_INV_RECADDR	Invalid record address
23	FETRGDEF_INV_RECLEN	Invalid record length
24	FETRGDEF_DIFF_VERSION	Different version
25	FETRGDEF_EARLY_NAMELIST_END	Early name list end
26	FETRGDEF_INV_NAMELIST	Invalid name list
27	FETRGDEF_INV_NAME	Invalid name
28	FETRGDEF_INV_MINNAME	Invalid minor name
29	FETRGDEF_NOTIFY	Notify
30	FETRGDEF_PARTIAL_INSTALL	Partial install
31	FETRGDEF_NOHING_INSTALLED	Nothing installed
32	FETRGDEF_NO_TARGETS	No targets
33	FETRGDEF_NO_RELATED	No related systems
34	FETRGDEF_INV_TSCOPE	Invalid target scope
35	FETRGDEF_INV_RSCOPE	Invalid related scope
36	FETRGDEF_INV_USAGE	Invalid usage
37	FETRGDEF_INV_MODE	Invalid mode
38	FETRGDEF_INV_STATECHK	Invalid state check
39	FETRGDEF_INV_FORCEINS	Invalid force install
40	FETRGDEF_INV_NOTIFY	Invalid notify
41	FETRGDEF_INV_OVERTYPE	Invalid over type
42	FETRGDEF_INV_OVRBLOCK	Invalid override block
43	FETRGDEF_INV_ORSTRING	Invalid override string
44	FETRGDEF_INV_STRNGTERM	Invalid string terminator
45	FETRGDEF_INV_EMBEDTERM	Invalid embedded terminator
46	FETRGDEF_INV_ATTRIBUTE	Invalid attribute
47	FETRGDEF_INV_LITERAL	Invalid literal
48	FETRGDEF_INV_ORSTGNA	Invalid override string
49	FETRGDEF_SCOPE_REQUIRED	Scope required
50	FETRGDEF_USAGE_CONFLICT	Usage conflict
51	FETRGDEF_NODEFS_SELECTED	No definitions selected
52	FETRGDEF_MORE_THAN_1_RELSYS	More than one related system
53	FETRGDEF_MISSING_RELSYSID	Missing related system identifier
54	FETRGDEF_SCOPE_CONFLICT	Scope conflict

Table 516. FETRGDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
APPLLIST	CHAR	CPSM	512	No	DIFF	No	VTAM application IDs of back end systems				16
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	19
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	21
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	20
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

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 using BAS” on page 17.

External resource name

CICSDefinitionFile

Length
440

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICS Definition

Copybook identifier
EYUt3801

Table 517. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM	INSTALL	FORCEINS(YES, NO)	No
SET		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL, REMOTE)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 518. FILEDEF FEEDBACK error codes

Value	Code	Description
1	FILEDEF_INV_DATA	Attribute data invalid
2	FILEDEF_REC_NOT_FOUND	Requested resource not found
4	FILEDEF_REC_EXISTS	Resource already exists
5	FILEDEF_REC_CHANGED	Resource definition already changed
6	FILEDEF_INV_RESTYPE	Invalid resource type
7	FILEDEF_INV_VER	Invalid resource version
11	FILEDEF_NON_MP	Maintenance point CMAS not available

Table 518. FILEDEF FEEDBACK error codes (continued)

Value	Code	Description
12	FILEDEF_INV_CONTEXT	Context not found
13	FILEDEF_INCONSISTENT_SET	Inconsistent set condition
14	FILEDEF_INV_RESGROUP	Resource group not found
21	FILEDEF_INV_ACTION	Invalid action
22	FILEDEF_INV_RECADDR	Invalid record address
23	FILEDEF_INV_RECLEN	Invalid record length
24	FILEDEF_DIFF_VERSION	Different version
25	FILEDEF_EARLY_NAMELIST_END	Early name list end
26	FILEDEF_INV_NAMELIST	Invalid name list
27	FILEDEF_INV_NAME	Invalid name
28	FILEDEF_INV_MINNAME	Invalid minor name
29	FILEDEF_NOTIFY	Notify
30	FILEDEF_PARTIAL_INSTALL	Partial install
31	FILEDEF_NOTHING_INSTALLED	Nothing installed
32	FILEDEF_NO_TARGETS	No targets
33	FILEDEF_NO_RELATED	No related systems
34	FILEDEF_INV_TSCOPE	Invalid target scope
35	FILEDEF_INV_RSCOPE	Invalid related scope
36	FILEDEF_INV_USAGE	Invalid usage
37	FILEDEF_INV_MODE	Invalid mode
38	FILEDEF_INV_STATECHK	Invalid state check
39	FILEDEF_INV_FORCEINS	Invalid force install
40	FILEDEF_INV_NOTIFY	Invalid notify
41	FILEDEF_INV_OVERTYPE	Invalid override type
42	FILEDEF_INV_OVRBLOCK	Invalid override block
43	FILEDEF_INV_ORSTRING	Invalid override string
44	FILEDEF_INV_STRNGTERM	Invalid string term
45	FILEDEF_INV_EMBEDTERM	Invalid embedded terminator
46	FILEDEF_INV_ATTRIBUTE	Invalid attribute
47	FILEDEF_INV_LITERAL	Invalid literal
48	FILEDEF_INV_ORSTGNA	Invalid override string
49	FILEDEF_SCOPE_REQUIRED	Scope required
50	FILEDEF_USAGE_CONFLICT	Usage conflict
51	FILEDEF_NODEFS_SELECTED	No definitions selected
52	FILEDEF_MORE_THAN_1_RELSYS	More than one related system
53	FILEDEF_MISSING_RELSYSID	Missing related system identifier
54	FILEDEF_SCOPE_CONFLICT	Scope conflict
55	FILEDEF_INV_CSDGROUP	Invalid CSD group
56	FILEDEF_REC_NOT_REMOVED	Record not removed
57	FILEDEF_INV_RESOURCE	Invalid resource
58	FILEDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	FILEDEF_PARTIAL_ACTION	Partial action
60	FILEDEF_NOTHING_ACTIONED	Nothing actioned
61	FILEDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	FILEDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	FILEDEF_CSD_ERROR	CSD access error

Table 519. 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		E330+	47

Table 519. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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			E330+	43
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
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	74
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	76
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	75
CNTLINTRVAL	CHAR	CPSM	4	No	DIFF	No	Control interval size		512-4096	EALL	45
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				52
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	78
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	44	No	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

Table 519. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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
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
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

Table 519. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
LOADTYPE Input/output valid values	YES, NO										
LOG	EYUDA	CPSM	4	Yes	LIKE	No	Automatic logging	NO		E330+	50
LOG Input/output valid values	YES, NO										
LSRPOOLID	CHAR	CPSM	4	No	DIFF	No	LSR Pool number	1	1-255		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
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			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
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	E330+	46
RSL Input/output valid values	PUBLIC										

Table 519. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				55

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is FILENAME.

The **Tertiary** key field for this resource class is FILEVER.

There are no object specific actions for this resource class.

External resource name

Length

56

Usage API or Batch Utility or WUI

API view

No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Definition

Copybook identifier
EYUt6146

Table 520. Valid CPSM operations

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

Table 521. FILINGRP FEEDBACK error codes

Value	Code	Description
1	FILINGRP_INV_DATA	Attribute data invalid
2	FILINGRP_REC_NOT_FOUND	Requested resource not found
4	FILINGRP_REC_EXISTS	Resource already exists
6	FILINGRP_INV_RESTYPE	Invalid resource type
7	FILINGRP_INV_VER	Invalid resource version
11	FILINGRP_NON_MP	Maintenance point CMAS not available
12	FILINGRP_INV_CONTEXT	Context not found
21	FILINGRP_INCONSISTENT_SET	Inconsistent set
22	FILINGRP_DIFF_VERSION	Different version
23	FILINGRP_INV_NAME	Invalid name
24	FILINGRP_INV_MINNAME	Invalid minor name

Table 522. FILINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is FNONAME.

The **Tertiary** key field for this resource class is FNOVER.

There are no object specific actions for this resource class.

External resource name

Length

56

Usage API or Batch Utility or WUI

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6174

Table 523. Valid CPSM operations

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

Table 524. FNOINGRP FEEDBACK error codes

Value	Code	Description
1	FNOINGRP_INV_DATA	Attribute data invalid
2	FNOINGRP_REC_NOT_FOUND	Requested resource not found
4	FNOINGRP_REC_EXISTS	Resource already exists
6	FNOINGRP_INV_RESTYPE	Invalid resource type
7	FNOINGRP_INV_VER	Invalid resource version
11	FNOINGRP_NON_MP	Maintenance point CMAS not available
12	FNOINGRP_INV_CONTEXT	Context not found
21	FNOINGRP_INCONSISTENT_SET	Inconsistent set
22	FNOINGRP_DIFF_VERSION	Different version
23	FNOINGRP_INV_NAME	Invalid name
24	FNOINGRP_INV_MINNAME	Invalid minor name

Table 525. FNOINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is FPONAME.

The **Tertiary** key field for this resource class is FPOVER.

There are no object specific actions for this resource class.

External resource name

Length

56

Usage API or Batch Utility or WUI

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6172

Table 526. Valid CPSM operations

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

Table 527. FPOINGRP FEEDBACK error codes

Value	Code	Description
1	FPOINGRP_INV_DATA	Attribute data invalid
2	FPOINGRP_REC_NOT_FOUND	Requested resource not found
4	FPOINGRP_REC_EXISTS	Resource already exists
6	FPOINGRP_INV_RESTYPE	Invalid resource type
7	FPOINGRP_INV_VER	Invalid resource version
11	FPOINGRP_NON_MP	Maintenance point CMAS not available
12	FPOINGRP_INV_CONTEXT	Context not found
21	FPOINGRP_INCONSISTENT_SET	Inconsistent set
22	FPOINGRP_DIFF_VERSION	Different version
23	FPOINGRP_INV_NAME	Invalid name
24	FPOINGRP_INV_MINNAME	Invalid minor name

Table 528. FPOINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is FPRNAME.

The **Tertiary** key field for this resource class is FPRVER.

There are no object specific actions for this resource class.

External resource name

Length
56

Usage API or Batch Utility or WUI

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Definition

Copybook identifier
EYUt6175

Table 529. Valid CPSM operations

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

Table 530. FPRINGRP FEEDBACK error codes

Value	Code	Description
1	FPRINGRP_INV_DATA	Attribute data invalid
2	FPRINGRP_REC_NOT_FOUND	Requested resource not found
4	FPRINGRP_REC_EXISTS	Resource already exists
6	FPRINGRP_INV_RESTYPE	Invalid resource type
7	FPRINGRP_INV_VER	Invalid resource version
11	FPRINGRP_NON_MP	Maintenance point CMAS not available
12	FPRINGRP_INV_CONTEXT	Context not found
21	FPRINGRP_INCONSISTENT_SET	Inconsistent set
22	FPRINGRP_DIFF_VERSION	Different version
23	FPRINGRP_INV_NAME	Invalid name
24	FPRINGRP_INV_MINNAME	Invalid minor name

Table 531. FPRINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
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

Table 531. FPRINGRP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
FPRVER-3	BINARY	CPSM	1	Yes	AVG	Yes	FEPI property set definition version	7

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is DFVER.

External resource name

Length

568

Usage API or Batch Utility or WUI

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3820

Table 532. 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	ADDTOPGRP	RESGROUP(value)	Yes
SET			

Table 533. FSEGDEF FEEDBACK error codes

Value	Code	Description
1	FSEGDEF_INV_DATA	Attribute data invalid
2	FSEGDEF_REC_NOT_FOUND	Requested resource not found

Table 533. FSEGDEF FEEDBACK error codes (continued)

Value	Code	Description
4	FSEGDEF_REC_EXISTS	Resource already exists
5	FSEGDEF_REC_CHANGED	Resource definition already changed
6	FSEGDEF_INV_RESTYPE	Invalid resource type
7	FSEGDEF_INV_VER	Invalid resource version
11	FSEGDEF_NON_MP	Maintenance point CMAS not available
12	FSEGDEF_INV_CONTEXT	Context not found
13	FSEGDEF_INCONSISTENT_SET	Inconsistent set condition
14	FSEGDEF_INV_RESGROUP	Resource group not found
21	FSEGDEF_INV_ACTION	Invalid action
22	FSEGDEF_INV_RECADDR	Invalid record address
23	FSEGDEF_INV_RECLEN	Invalid record length
24	FSEGDEF_DIFF_VERSION	Different version
25	FSEGDEF_EARLY_NAMELIST_END	Early name list end
26	FSEGDEF_INV_NAMELIST	Invalid name list
27	FSEGDEF_INV_NAME	Invalid name
28	FSEGDEF_INV_MINNAME	Invalid minor name

Table 534. 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										
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

Table 534. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ALTKEY07 Input/output valid values	N, Y										
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										
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										

Table 534. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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										
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
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										

Table 534. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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
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

Table 534. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
BINKEY17 Input/output valid values	N, Y										
BINKEY18	CHAR	CPSM	1	No	DIFF	No	Key segment 18 is binary			EALL	182
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										
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	254
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	256
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	255
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	37	0-99999999		253
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

Table 534. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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										
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										
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

Table 534. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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										
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
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

Table 534. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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
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										
MODKEY04	CHAR	CPSM	1	No	DIFF	No	Key segment 04 modifiable			EALL	41
MODKEY04 Input/output valid values	N, Y										

Table 534. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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										
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

Table 534. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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										
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										
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

Table 534. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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										
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										
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

Table 534. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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										
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
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

Table 534. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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
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
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

Table 534. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
POSKEY17	CHAR	CPSM	4	No	DIFF	No	Key segment 17 position		0-4090	EALL	168
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
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										

Table 534. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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
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
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

Table 534. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				251

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is FSEGNAME.

The **Tertiary** key field for this resource class is FSEGVER.

There are no object specific actions for this resource class.

External resource name

Length

56

Usage API or Batch Utility or WUI

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier
EYUt6165

Table 535. Valid CPSM operations

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

Table 536. FSGINGRP FEEDBACK error codes

Value	Code	Description
1	FSGINGRP_INV_DATA	Attribute data invalid
2	FSGINGRP_REC_NOT_FOUND	Requested resource not found
4	FSGINGRP_REC_EXISTS	Resource already exists
6	FSGINGRP_INV_RESTYPE	Invalid resource type
7	FSGINGRP_INV_VER	Invalid resource version
11	FSGINGRP_NON_MP	Maintenance point CMAS not available
12	FSGINGRP_INV_CONTEXT	Context not found
21	FSGINGRP_INCONSISTENT_SET	Inconsistent set
22	FSGINGRP_DIFF_VERSION	Different version
23	FSGINGRP_INV_NAME	Invalid name
24	FSGINGRP_INV_MINNAME	Invalid minor name

Table 537. FSGINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

FTRINGRP Resource Table

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

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

The **Secondary** key field for this resource class is FTRNAME.

The **Tertiary** key field for this resource class is FTRVER.

There are no object specific actions for this resource class.

External resource name

Length

56

Usage API or Batch Utility or WUI

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6173

Table 538. Valid CPSM operations

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

Table 539. FTRINGRP FEEDBACK error codes

Value	Code	Description
1	FTRINGRP_INV_DATA	Attribute data invalid
2	FTRINGRP_REC_NOT_FOUND	Requested resource not found
4	FTRINGRP_REC_EXISTS	Resource already exists
6	FTRINGRP_INV_RESTYPE	Invalid resource type
7	FTRINGRP_INV_VER	Invalid resource version
11	FTRINGRP_NON_MP	Maintenance point CMAS not available
12	FTRINGRP_INV_CONTEXT	Context not found
21	FTRINGRP_INCONSISTENT_SET	Inconsistent set
22	FTRINGRP_DIFF_VERSION	Different version
23	FTRINGRP_INV_NAME	Invalid name
24	FTRINGRP_INV_MINNAME	Invalid minor name

Table 540. FTRINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10

Table 540. FTRINGRP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is TCPIPService.

External resource name

CICSURIHost

Length

144

Usage API or WUI or CICS Management Client Interface 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 541. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM	ENABLE	None	N/A
SET	DISABLE	None	N/A

Table 542. HOST resource table attributes

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

Table 542. HOST 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	
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

HTASK Resource Table

This CICSplex SM resource 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. While a task is active, information can be obtained about the task by the TASK resource. After the task completes, information can be obtained by the HTASK resource, provided that CICSplex SM history recording was activated for the task.

The **Primary** key field for this resource class is TIME, which represents the time when the task was completed in the form of an 8-byte store clock (STCK) value. This task completion STCK is always in Coordinated Universal Time (UTC). UTC is a universal time standard that is Greenwich mean time (GMT) without any adjustment for leap seconds. In the following discussion of parameters, all times are UTC, and, when considering UTC completion times near to midnight, note that UTC affects 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.

This resource class has no object-specific actions.

Note: The transaction number attribute (TASK) is normally a 4-byte packed decimal number. However, some CICS system tasks are identified by transaction numbers that comprise special characters, 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

CICSTaskHistory

Length

3672

Usage API or WUI or CICS Management Client Interface

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0154

Table 543. 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 544. HTASK FEEDBACK error codes

Value	Code	Description
21	HTASK_INV_COMB_RECENT	RECENT parameter not unique
22	HTASK_INV_COMB_INTV_ET	Bad combination (INTERVAL+ENDTIME)
23	HTASK_INV_COMB_INTV_ED	Bad combination (INTERVAL+ENDDATE)
24	HTASK_INV_COMB_START_END	STARTDATE/TIME must precede ENDDATE/TIME
25	HTASK_INV_RECENT	Invalid RECENT value
26	HTASK_INV_INTERVAL	Invalid INTERVAL value

Table 545. 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 545. 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
ACAPPLNAME	CHAR	CMF	64	LIKE	Yes	Initial Application Name	E640 E650 E660 E670	415
ACMAJORVER	BINARY	CMF	4	MAX	Yes	Initial Application Major Version	E640 E650 E660 E670	418
ACMICROVER	BINARY	CMF	4	MAX	Yes	Initial Application Micro Version	E640 E650 E660 E670	420
ACMINORVER	BINARY	CMF	4	MAX	Yes	Initial Application Minor Version	E640 E650 E660 E670	419
ACOPERNAME	CHAR	CMF	64	LIKE	Yes	Initial Application Operation	E640 E650 E660 E670	417
ACPLATNAME	CHAR	CMF	64	LIKE	Yes	Initial Platform	E640 E650 E660 E670	416
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

Table 545. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
CDSASOCC	BINARY	CMF	8	AVG	No	Average CDSA storage usage		39
CECMCHTP	CHAR	CMF	4	DIFF	No	CEC machine type		404
CECMDLID	CHAR	CMF	16	DIFF	No	CEC model number		405
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	E640+	202
CICSWAIT	SCLOCK12	CMF	12	MAX	No	CICS event wait time		140
CLIPADDR	CHAR	CMF	40	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
CPUTONCP	SCLOCK12	CMF	12	MAX	No	Total CPU time on a CP	E640 E650 E660 E670	421
CURTASKS	BINARY	CMF	4	AVG	No	Current tasks		403
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	E680+	190
DETTRAN TYPE	EYUDA	CPSM	4	LIKE	No	Transaction type details		263

Table 545. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
DETRANYPE Output valid values	NONE, SYSTEM, MIRROR, DPL, ONCRPC, WEB, BRIDGE, CICSSTS							
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	8	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
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
FCVSWTT	SCLOCK12	CMF	12	MAX	No	File control VSAM string wait time	E640 E650 E660 E670	414
FCXCWTT	SCLOCK12	CMF	12	MAX	No	File control exclusive control wait time	E640 E650 E660 E670	413
FIRSTPRGM	CHAR	CMF	8	DIFF	No	First program name		7

Table 545. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
GCDSAGETM	BINARY	CMF	4	AVG	No	Number of GETMAIN requests in GCDSA	E640 E650 E660 E670	406
GCDSASHWM	BINARY	CMF	4	AVG	No	Peak number of bytes used by task in GCDSA expressed in 4k pages	E640 E650 E660 E670	407
GNQDELAY	SCLOCK12	CMF	12	MAX	No	Global enqueue delay time		204
GUDSAGETM	BINARY	CMF	4	AVG	No	Number of GETMAIN requests in GUDSA	E640 E650 E660 E670	408
GUDSASHWM	BINARY	CMF	4	AVG	No	Peak number of bytes used by task in GUDSA expressed in 4k pages	E640 E650 E660 E670	409
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
ISALWTT	SCLOCK12	STAT	12	AVG	Yes	Delay time waiting for IPIC session allocation		400
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	E680+	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
JRNLRWITREQ	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
LOGGRWITREQ	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
MAXTASKS	BINARY	CMF	4	AVG	No	Maximum tasks		402
MPPRTXCD	BINARY	CMF	4	MAX	No	Policy thresholds exceeded		423

Table 545. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
OADATA1	CHAR	CMF	64	DIFF	No	Originating adapter data 1	E640 E650 E660	385
OADATA2	CHAR	CMF	64	DIFF	No	Originating adapter data 2	E640 E650 E660	386
OADATA3	CHAR	CMF	64	DIFF	No	Originating adapter data 3	E640 E650 E660	387
OADID	CHAR	CMF	64	DIFF	No	Originating adapter ID	E640 E650 E660	384
OAPPLID	CHAR	CMF	8	MAX	No	Originating Application ID	E640	339
OCLIPADR	CHAR	CMF	40	MAX	No	Originating client IP address	E640	347
OCLIPORT	BINARY	CMF	4	MAX	No	Originating client port number	E640	348
OFCTYNME	CHAR	CMF	8	MAX	No	Originating facility name	E640	350
OFFLCPUT	SCLOCK12	CMF	12	MAX	No	Offload eligible on standard CP	E640 E650 E660 E670	422
ONETWKID	CHAR	CMF	8	MAX	No	Originating network ID	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, IIOP, 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 TCP/IPSERVICE	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 task ID	E640	341
OUSERCOR	CHAR	CMF	64	MAX	No	Originating user correlation data	E640	344
USERID	CHAR	CMF	8	MAX	No	Originating user ID	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

Table 545. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
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
PHAPPLID	CHAR	CMF	8	MAX	No	Previous hop applid	E640 E650 E660	389
PHCOUNT	BINARY	CMF	4	MAX	No	Previous hop count	E640 E650 E660	394
PHNTWKID	CHAR	CMF	8	MAX	No	Previous hop network qualifier	E640 E650 E660	388
PHSTART	TIMESTP	CMF	8	MAX	No	Previous hop task start time	E640 E650 E660	391
PHTRAN	CHAR	CMF	4	MAX	No	Previous hop transaction ID	E640 E650 E660	393
PHTRANNO	DECIMAL	CMF	4	MAX	No	Previous hop task ID	E640 E650 E660	392
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

Table 545. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
RMICPSMTIME	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
RMIEXCEDLITM	SCLOCK12	CMF	12	MAX	No	DL/I RMI elapsed time		332
RMIMQSERIEST	SCLOCK12	CMF	12	MAX	No	WebSphere MQ RMI elapsed time		333
RMIOOTHERTIME	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							
ROMODDLY	SCLOCK12	STAT	12	AVG	Yes	RO TCB mode delay time		397
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
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
SHSTGBYTEFMG	BINARY	CMF	4	AVG	No	The total number of FREEMAIN bytes of shared storage above the bar.	E640 E650 E660 E670	412
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
SHSTGBYTEGMG	BINARY	CMF	4	AVG	No	GETMAIN byte count of shared storage above the bar	E640 E650 E660 E670	411
SHSTGGMCABV	BINARY	CMF	4	AVG	No	Shared storage GETMAIN request count above 16MB		125
SHSTGGMCBAR	BINARY	CMF	4	AVG	No	Shared storage GETMAIN request count above the bar	E640 E650 E660 E670	410
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							

Table 545. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SOBYDECT	BINARY	CMF	4	AVG	No	Number of socket bytes decrypted		211
SOBYENCT	BINARY	CMF	4	AVG	No	Number of socket bytes encrypted		210
SOCIPHER	HEX	CMF	4	DIFF	Yes	Cipher selected		401
SOIOWTT	SCLOCK12	CMF	12	MAX	No	Inbound TCP/IP sockets I/O wait time		206
SOMODDLY	SCLOCK12	STAT	12	AVG	Yes	SO TCB mode delay time		398
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							
SUBTYPE	CHAR	CPSM	1	MIN	No	Task history subtype		357
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
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
TCALWTT	SCLOCK12	STAT	12	AVG	Yes	Delay time waiting for session allocation		399
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

Table 545. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
TDELWTT	SCLOCK12	STAT	12	AVG	Yes	TD extrapartition lock wait time		396
TDGETCNT	BINARY	CMF	4	AVG	No	Number of transient data GET requests		56
TDILWTT	SCLOCK12	STAT	12	AVG	Yes	TD intrapartition lock wait time		395
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
TMRATMSN	CHAR	CMF	8	DIFF	No	Atom service name	E640 E650	372
TMRBFDGC	BINARY	CMF	4	MAX	No	Number of BIF DIGEST requests	E640 E650	377
TMRBFTC	BINARY	CMF	4	MAX	No	Total number BIF Requests	E640 E650	378
TMRCBRNM	CHAR	CMF	4	LIKE	No	CorbaServer name	E680+	276
TMRCFAC	BINARY	CMF	4	AVG	No	Number of OO class library API requests		225
TMRCPOR	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
TMRECEVC	BINARY	CMF	4	MAX	No	Number of events captured	E640 E650	369
TMRECFOC	BINARY	CMF	4	MAX	No	Number of event filter commands	E640 E650	368
TMRECSEC	BINARY	CMF	4	MAX	No	Number of synchronous emission events captured	E640 E650 E660	383
TMRECSGE	BINARY	CMF	4	MAX	No	Number of SIGNAL EVENT requests	E640 E650	367
TMREICTC	BINARY	CMF	4	MAX	No	Total number of EXEC CICS requests	E640 E650	366

Table 545. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TMREJBAC	BINARY	CMF	4	AVG	No	Number of bean state activation requests	E680+	278
TMREJBCC	BINARY	CMF	4	AVG	No	Number of bean creation requests	E680+	280
TMREJBPC	BINARY	CMF	4	AVG	No	Number of bean state passivation requests	E680+	279
TMREJBRC	BINARY	CMF	4	AVG	No	Number of bean removal requests	E680+	281
TMREJBTC	BINARY	CMF	4	AVG	No	Total number of Enterprise bean requests	E680+	288
TMREJMCT	BINARY	CMF	4	AVG	No	Number of Enterprise bean method calls	E680+	282
TMRHTDLY	SCLOCK12	CMF	12	AVG	No	Maximum hot-pooling TCB delay time	E640+	251
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	E680+	285
TMRJSTWT	SCLOCK12	CMF	12	MAX	No	JVM server thread wait time	E640 E650	358
TMRJTDLY	SCLOCK12	CMF	12	AVG	No	Maximum JVM TCB delay time	E680+	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
TMRMLCTM	SCLOCK12	CMF	12	MAX	No	XML System Services CPU time	E640 E650	380
TMRMLTDL	BINARY	CMF	4	MAX	No	Total document length	E640 E650	379
TMRMLXTC	BINARY	CMF	4	MAX	No	Number of EXEC CICS XML TRANSFORM requests	E640 E650	359
TMRMQAST	SCLOCK12	CMF	12	MAX	No	WebSphere MQ API SRB time	E640 E650	382
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

Table 545. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
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
TMRPIPLN	CHAR	CMF	8	DIFF	No	Pipeline name	E640 E650	371
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
TMRROPWT	SCLOCK12	CMF	12	AVG	No	Request processor wait time		254
TMRQRWT	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

Table 545. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
TMRT8CPU	SCLOCK12	CMF	12	MAX	No	User task T8 mode cpu time	E640 E650	364
TMRTCPV	CHAR	CMF	8	DIFF	No	TCP/IP Service name		260
TMRTGPID	HEX	CMF	28	DIFF	No	Transaction group ID		219
TMRTIATC	BINARY	CMF	4	MAX	No	Number of EXEC CICS ASKTIME requests	E640 E650	375
TMRTITC	BINARY	CMF	4	MAX	No	Total number of EXEC xxxTIME Requests	E640 E650	376
TMRTTDLY	SCLOCK12	CMF	12	MAX	No	Maximum thread TCB delay time	E640 E650	365
TMRURIMN	CHAR	CMF	8	DIFF	No	URI map name	E640 E650	370
TMRWBBOC	BINARY	CMF	4	AVG	No	Number of web browse requests		311
TMRWB BRC	BINARY	CMF	4	AVG	No	Number of WEB BROWSE requests		228
TMRWB ERC	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
TMRWBRRC	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
TMRWPBMN	CHAR	CMF	8	DIFF	No	Program name	E640 E650	374

Table 545. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TMRWSATC	BINARY	CMF	4	MAX	No	Total number of WS Addressing requests	E640 E650	363
TMRWSCBC	BINARY	CMF	4	MAX	No	Number of WSACONTEXT BUILD requests	E640 E650	360
TMRWSCGC	BINARY	CMF	4	MAX	No	Number of WSACONTEXT GET requests	E640 E650	361
TMRWSEPC	BINARY	CMF	4	MAX	No	Number of WSAEPR CREATE requests	E640 E650	362
TMRWSOPN	CHAR	CMF	64	DIFF	No	Web Services operation name	E640 E650	381
TMRWSVCN	CHAR	CMF	32	DIFF	No	Webservice name	E640 E650	373
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
TRANYPE	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
USRPS1HWM	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

Table 545. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
WBCHROUT	BINARY	CMF	4	AVG	No	Number of Web characters sent		178
WBISSFCT	BINARY	CMF	4	MAX	No	INVOKE SOAP service faults	E640 E650	426
WBRCVCT	BINARY	CMF	4	AVG	No	Number of WEB RECEIVE requests		175
WBREPWCT	BINARY	CMF	4	AVG	No	Number of Web repository writes		180
WBSENDCT	BINARY	CMF	4	AVG	No	Number of WEB SEND requests		177
WBSFCRCT	BINARY	CMF	4	MAX	No	SOAPFAULT CREATE requests	E640 E650	424
WBSFTOCT	BINARY	CMF	4	MAX	No	Total SOAPFAULT CREATE requests	E640 E650	425
WBSREQBL	BINARY	CMF	4	MAX	No	SOAP request body length	E640 E650	427
WBSRSPBL	BINARY	CMF	4	MAX	No	SOAP response body length	E640 E650	428
WBTOTCT	BINARY	CMF	4	AVG	No	Total number of Web requests		179
WLMRPTRCNAME	CHAR	CMF	8	DIFF	No	Workload manager report class name		117
WLMSRVNAME	CHAR	CMF	8	DIFF	No	Workload manager service class name		116

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSIndirectTDQueue

Length

96

Usage API or WUI or CICS Management Client Interface 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 546. Valid CPSM operations

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

Table 547. INDTDQ 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			
BASDEFINER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	14
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	5
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, SYSTEM, CREATSPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	7
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	8
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	6
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	9
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	10
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								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	13
INSTALLAGENT Input/output valid values	CSDAPI, CREATSPI, GRPLIST, SYSTEM								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	12
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	11
OUTCNT	BINARY	STAT	4	AVG	No	Number of I/O requests			4
TDQUEUE-1	CHAR	INQ	4	DIFF	Yes	Queue ID			1

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSIntrapartitionTDQueue

Length

136

Usage API or WUI or CICS Management Client Interface 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 548. 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 549. INTRATDQ 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			

Table 549. INTRATDQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	22
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	13
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, SYSTEM, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	15
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	17
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	14
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	18
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	19
INDOUBT	CVDAS	INQ	4	LIKE	No	In-doubt wait action			11
INDOUBT Output valid values	QUEUE, REJECT, NOTAPPLIC								
INDOUBTWAIT	CVDAS	INQ	4	LIKE	No	In-doubt wait option			12
INDOUBTWAIT Output valid values	WAIT, NOWAIT, NOTAPPLIC								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	16
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST, SYSTEM								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	21
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	20
NUMITEMS	BINARY	INQ	4	AVG	No	Number of items			6
OUTCNT	BINARY	STAT	4	AVG	No	Number of I/O 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
TRIGGERLEVEL	BINARY	INQ	4	AVG	Yes	Trigger level			8

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 **Secondary** key field for this resource class is IPCNAME.

The **Tertiary** key field for this resource class is IPCVER.

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
56

Usage API or Batch Utility or WUI

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Definition

Copybook identifier
EYUt6181

Table 550. Valid CPSM operations

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

Table 551. IPCINGRP FEEDBACK error codes

Value	Code	Description
1	IPCINGRP_INV_DATA	Attribute data invalid
2	IPCINGRP_REC_NOT_FOUND	Requested resource not found
4	IPCINGRP_REC_EXISTS	Resource already exists
6	IPCINGRP_INV_RESTYPE	Invalid resource type
7	IPCINGRP_INV_VER	Invalid resource version
11	IPCINGRP_NON_MP	Maintenance point CMAS not available
12	IPCINGRP_INV_CONTEXT	Context not found
21	IPCINGRP_INCONSISTENT_SET	Inconsistent set
22	IPCINGRP_DIFF_VERSION	Different version
23	IPCINGRP_INV_NAME	Invalid name
24	IPCINGRP_INV_MINNAME	Invalid minor name

Table 552. IPCINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

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 using BAS” on page 17.

External resource name
CICSDefinitionIPICConnection

Length
448

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICS Definition

Copybook identifier
EYUt3836

Table 553. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM	INSTALL	FORCEINS(YES, NO)	No
SET		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	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
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 554. IPCONDEF FEEDBACK error codes

Value	Code	Description
1	IPCONDEF_INV_DATA	Attribute data invalid
2	IPCONDEF_REC_NOT_FOUND	Requested resource not found
4	IPCONDEF_REC_EXISTS	Resource already exists
5	IPCONDEF_REC_CHANGED	Resource definition already changed

Table 554. IPCONDEF FEEDBACK error codes (continued)

Value	Code	Description
6	IPCONDEF_INV_RESTYPE	Invalid resource type
7	IPCONDEF_INV_VER	Invalid resource version
11	IPCONDEF_NON_MP	Maintenance point CMAS not available
12	IPCONDEF_INV_CONTEXT	Context not found
13	IPCONDEF_INCONSISTENT_SET	Inconsistent set condition
14	IPCONDEF_INV_RESGROUP	Resource group not found
21	IPCONDEF_INV_ACTION	Invalid action
22	IPCONDEF_INV_RECADDR	Invalid record address
23	IPCONDEF_INV_RECLEN	Invalid record length
24	IPCONDEF_DIFF_VERSION	Different version
25	IPCONDEF_EARLY_NAMELIST_END	Early name list end
26	IPCONDEF_INV_NAMELIST	Invalid name list
27	IPCONDEF_INV_NAME	Invalid name
28	IPCONDEF_INV_MINNAME	Invalid minor name
29	IPCONDEF_NOTIFY	Notify
30	IPCONDEF_PARTIAL_INSTALL	Partial install
31	IPCONDEF_NOTHING_INSTALLED	Nothing installed
32	IPCONDEF_NO_TARGETS	No targets
33	IPCONDEF_NO_RELATED	No related systems
34	IPCONDEF_INV_TSCOPE	Invalid target scope
35	IPCONDEF_INV_RSCOPE	Invalid related scope
36	IPCONDEF_INV_USAGE	Invalid usage
37	IPCONDEF_INV_MODE	Invalid mode
38	IPCONDEF_INV_STATECHK	Invalid state check
39	IPCONDEF_INV_FORCEINS	Invalid force install
40	IPCONDEF_INV_NOTIFY	Invalid notify
41	IPCONDEF_INV_OVERTYPE	Invalid over type
42	IPCONDEF_INV_OVRBLOCK	Invalid override block
43	IPCONDEF_INV_ORSTRING	Invalid override string
44	IPCONDEF_INV_STRNGTERM	Invalid string term
45	IPCONDEF_INV_EMBEDTERM	Invalid embedded terminator
46	IPCONDEF_INV_ATTRIBUTE	Invalid attribute
47	IPCONDEF_INV_LITERAL	Invalid literal
48	IPCONDEF_INV_ORSTGNA	Invalid override string
49	IPCONDEF_SCOPE_REQUIRED	Scope required
50	IPCONDEF_USAGE_CONFLICT	Usage conflict
51	IPCONDEF_NODEFS_SELECTED	No definitions selected
52	IPCONDEF_MORE_THAN_1_RELSYS	More than one related system
53	IPCONDEF_MISSING_RELSYSID	Missing related system identifier
54	IPCONDEF_SCOPE_CONFLICT	Scope conflict
55	IPCONDEF_INV_CSDGROUP	Invalid CSD group
56	IPCONDEF_REC_NOT_REMOVED	Record not removed
57	IPCONDEF_INV_RESOURCE	Invalid resource
58	IPCONDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	IPCONDEF_PARTIAL_ACTION	Partial action
60	IPCONDEF_NOTHING_ACTIONED	Nothing actioned
61	IPCONDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	IPCONDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	IPCONDEF_CSD_ERROR	CSD access error

Table 555. IPCONDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	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
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	33
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	35
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	34
CIPHERS	CHAR	CPSM	56	No	LIKE	No	SSL cipher suite codes				29
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				19
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	38
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
HA	EYUDA	CPSM	4	Yes	LIKE	No	High availability	NO		E640 E650 E660 E670 E680	40
HA Input/output valid values	NO, YES										
HOST	CHAR	CPSM	116	Yes	DIFF	No	Remote host name				25
IDPROP	CVDAS	CPSM	4	Yes	LIKE	No	Identity propagation	NOTALLOWED		E640 E650	37
IDPROP Input/output valid values	NOTALLOWED, OPTIONAL, REQUIRED										
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										
MIRRORLIFE	CVDAS	INQ	4	No	DIFF	No	Minimum mirror lifetime	REQUEST		E640 E650 E660	39
MIRRORLIFE Input/output valid values	REQUEST, TASK, UOW										
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7

Table 555. IPCONDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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
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 log names (XLN) action	KEEP			10
XLNACTION Input/output valid values	KEEP, FORCE										

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

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

CICSIPICConnection

Length

768

Usage API or WUI or CICS Management Client Interface 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 556. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM	DISCARD	None	N/A
SET			
	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 557. IPCONN 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			
ALLCFAILINK	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	CV DAS	INQ	4	LIKE	No	Autoconnect option			3
AUTOCONNECT Input/output valid values	AUTOCONN, NONAUTOCONN								
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	58
CERTIFICATE	CHAR	INQ	32	DIFF	No	Certificate			44
CHANGEAGENT	CV DAS	INQ	4	LIKE	No	Last modification agent		E640 E650	49
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, AUTOINSTALL, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	51
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	52

Table 557. IPCONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	50
CIPHERS	CHAR	INQ	56	LIKE	No	SSL cipher suite codes			46
CLIENTLOC	CHAR	INQ	32	DIFF	No	Most diverse route to partner system		E640 E650	59
CONNSTATUS	CVDAS	INQ	4	LIKE	Yes	Connection status			4
CONNSTATUS Input/output valid values	ACQUIRED, RELEASED								
CONNSTATUS Output valid values	FREEING, OBTAINING								
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
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	53
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	54
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
FSFCBYTERECD	BINARY	STAT	8	AVG	No	Number of FC function shipped bytes received		E640 E650 E660	75
FSFCBYTESENT	BINARY	STAT	8	AVG	No	Number of FC function shipped bytes sent		E640 E650 E660	74
FSFCREQS	BINARY	STAT	4	AVG	No	Number of FC function shipped requests		E640 E650 E660	73
FSICBYTERECD	BINARY	STAT	8	AVG	No	Number of IC function shipped bytes received		E640 E650	69
FSICBYTESENT	BINARY	STAT	8	AVG	No	Number of IC function shipped bytes sent		E640 E650	68
FSICREQS	BINARY	STAT	4	DIFF	No	Number of IC function shipped requests		E640 E650	67
FSPCBYTERECD	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
FSTDByTERECD	BINARY	STAT	8	AVG	No	Number of TD function shipped bytes received		E640 E650 E660	78
FSTDByteSent	BINARY	STAT	8	AVG	No	Number of TD function shipped bytes sent		E640 E650 E660	77
FSTDREQS	BINARY	STAT	4	AVG	No	Number of TD function shipped requests		E640 E650 E660	76
FSTSByTERECD	BINARY	STAT	8	AVG	No	Number of TS function shipped bytes received		E640 E650 E660	81

Table 557. IPCONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
FSTSBYTESENT	BINARY	STAT	8	AVG	No	Number of TS function shipped bytes sent		E640 E650 E660	80
FSTSREQS	BINARY	STAT	4	AVG	No	Number of TS function shipped requests		E640 E650 E660	79
GMTCTIME	TIMESTP	STAT	8	MAX	No	GMT connection create time			23
GMTDTIME	TIMESTP	STAT	8	MAX	No	GMT connection delete time			24
HA	CVDAS	INQ	4	LIKE	No	High availability status		E640 E650 E660 E670 E680	83
HA Output valid values	REQUIRED, NOTREQUIRED								
HOST	CHAR	INQ	116	DIFF	Yes	Remote host name			5
HOSTTYPE	CVDAS	INQ	4	LIKE	No	Host name's address format		E640 E650	63
HOSTTYPE Output valid values	HOSTNAME, IPV4, IPV6, NOTAPPLIC								
IDPROP	CVDAS	INQ	4	LIKE	No	Identity propagation		E640 E650	70
IDPROP Output valid values	NOTALLOWED, OPTIONAL, REQUIRED								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	57
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, AUTOINSTALL, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	56
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	55
IPFAMILY	CVDAS	INQ	4	LIKE	No	The format of the resolved IP address		E640 E650	62
IPFAMILY Output valid values	IPV4, IPV6, UNKNOWN								
IPRESOLVED	CHAR	INQ	39	DIFF	No	Remote host's IP address		E640 E650	61
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
MIRRORLIFE	CVDAS	INQ	4	DIFF	No	Minimum mirror lifetime		E640 E650 E660	72
MIRRORLIFE Input/output valid values	REQUEST, TASK, UOW								
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

Table 557. IPCONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
NUMCIPHERS	BINARY	INQ	2	LIKE	No	Number of SSL cipher suite codes			45
PARTNER	CHAR	INQ	64	DIFF	No	Product token of partner system		E640 E650	60
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	Maximum number of receive sessions used			28
PSENDESS	BINARY	STAT	4	DIFF	No	Maximum number of send sessions used			26
PURGETYPE	CVDAS	INQ	4	LIKE	Yes	Purge type			17
PURGETYPE Input/output valid values	CANCEL, FORCECANCEL, FORCEPURGE, KILL, PURGE, N_A								
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								
REMTRMSTRT	BINARY	STAT	4	AVG	No	Remote terminal starts		E640 E650	71
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
TRBYTERECD	BINARY	STAT	8	AVG	No	Number of TR function shipped bytes received		E640 E650	66
TRBYTESENT	BINARY	STAT	8	AVG	No	Number of TR function shipped bytes sent		E640 E650	65
TRREQS	BINARY	STAT	4	AVG	No	Number of TR function shipped requests		E640 E650	64
UNSUPREQS	BINARY	STAT	4	AVG	No	Number of unsupported requests		E640 E650 E660	82
UOWACTION	CVDAS	INQ	4	LIKE	Yes	UOW Action			18
UOWACTION Input/output valid values	BACKOUT, COMMIT, FORCE, RESYNC, N_A								
USERAUTH	CVDAS	INQ	4	LIKE	No	Attach-time user security level			43
USERAUTH Output valid values	DEFAULTUSER, LOCAL, VERIFY, IDENTIFY								

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 **Secondary** key field for this resource class is TOKEN.

The following actions are supported:

Get View an association between an IPIC connection definition and an active CICS task.

External resource name
CICSIPFacility

Length
40

Usage API or WUI or CICS Management Client Interface 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 558. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 559. 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						

Table 559. IPFACIL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
TASKID-1	DECIMAL	INQ	4	MIN	Yes	Associated task id	1
TOKEN-2	HEX	INQ	4	MIN	Yes	IP facility token	2

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

JMSINGRP Resource Table

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

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

The **Secondary** key field for this resource class is JMSNAME.

The **Tertiary** key field for this resource class is JMSVER.

There are no object specific actions for this resource class.

External resource name

Length

56

Usage API or Batch Utility or WUI

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6186

Table 560. Valid CPSM operations

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

Table 561. JMSINGRP FEEDBACK error codes

Value	Code	Description
1	JMSINGRP_INV_DATA	Attribute data invalid
2	JMSINGRP_REC_NOT_FOUND	Requested resource not found
4	JMSINGRP_REC_EXISTS	Resource already exists
6	JMSINGRP_INV_RESTYPE	Invalid resource type
7	JMSINGRP_INV_VER	Invalid resource version
11	JMSINGRP_NON_MP	Maintenance point CMAS not available
12	JMSINGRP_INV_CONTEXT	Context not found
21	JMSINGRP_INCONSISTENT_SET	Inconsistent set
22	JMSINGRP_DIFF_VERSION	Different version
23	JMSINGRP_INV_NAME	Invalid name
24	JMSINGRP_INV_MINNAME	Invalid minor name

Table 562. JMSINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	4
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	7
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	6
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	5
JMSGROUP-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	10
JMSNAME-2	CHAR	CPSM	8	Yes	DIFF	Yes	JVM server definition name	11
JMSVER-3	BINARY	CPSM	1	Yes	AVG	Yes	JVM server definition version	12

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is JRNMNAME.

The **Tertiary** key field for this resource class is JRNMDVER.

There are no object specific actions for this resource class.

External resource name**Length**

56

Usage API or Batch Utility or WUI

API view
 No
CMAS context
 No
SCOPE applies
 No
Only query CMASs in workload
 No
Object type
 CICSplex SM Definition
Copybook identifier
 EYUt6148

Table 563. Valid CPSM operations

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

Table 564. JRMINGRP FEEDBACK error codes

Value	Code	Description
1	JRMINGRP_INV_DATA	Attribute data invalid
2	JRMINGRP_REC_NOT_FOUND	Requested resource not found
4	JRMINGRP_REC_EXISTS	Resource already exists
6	JRMINGRP_INV_RESTYPE	Invalid resource type
7	JRMINGRP_INV_VER	Invalid resource version
11	JRMINGRP_NON_MP	Maintenance point CMAS not available
12	JRMINGRP_INV_CONTEXT	Context not found
21	JRMINGRP_INCONSISTENT_SET	Inconsistent set
22	JRMINGRP_DIFF_VERSION	Different version
23	JRMINGRP_INV_NAME	Invalid name
24	JRMINGRP_INV_MINNAME	Invalid minor name

Table 565. JRMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

JRNINGRP Resource Table

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

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

The **Secondary** key field for this resource class is JRNLNAME.

The **Tertiary** key field for this resource class is JRNLVER.

There are no object specific actions for this resource class.

External resource name

Length

56

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 566. Valid CPSM operations

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

Table 567. JRNINGRP FEEDBACK error codes

Value	Code	Description
1	JRNINGRP_INV_DATA	Attribute data invalid
2	JRNINGRP_REC_NOT_FOUND	Requested resource not found
4	JRNINGRP_REC_EXISTS	Resource already exists
6	JRNINGRP_INV_RESTYPE	Invalid resource type
7	JRNINGRP_INV_VER	Invalid resource version
11	JRNINGRP_NON_MP	Maintenance point CMAS not available
12	JRNINGRP_INV_CONTEXT	Context not found
21	JRNINGRP_INCONSISTENT_SET	Inconsistent set
22	JRNINGRP_DIFF_VERSION	Different version
23	JRNINGRP_INV_NAME	Invalid name

Table 567. JRNINGRP FEEDBACK error codes (continued)

Value	Code	Description
24	JRNINGRP_INV_MINNAME	Invalid minor name

Table 568. JRNINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
JRNLGROU-1	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
JRNLNAM-2	CHAR	CPSM	8	Yes	DIFF	Yes	Journal definition name	6
JRNLVER-3	BINARY	CPSM	1	Yes	AVG	Yes	Journal definition version	7

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

JRNLDEF 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.

The **Secondary** key field for this resource class is DEFVER.

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 569. 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	ADDTGRP	RESGROUP(value)	Yes
SET			

Table 570. JRNLDEF FEEDBACK error codes

Value	Code	Description
1	JRNLDEF_INV_DATA	Attribute data invalid
2	JRNLDEF_REC_NOT_FOUND	Requested resource not found
4	JRNLDEF_REC_EXISTS	Resource already exists
5	JRNLDEF_REC_CHANGED	Resource definition already changed
6	JRNLDEF_INV_RESTYPE	Invalid resource type
7	JRNLDEF_INV_VER	Invalid resource version
11	JRNLDEF_NON_MP	Maintenance point CMAS not available
12	JRNLDEF_INV_CONTEXT	Context not found
13	JRNLDEF_INCONSISTENT_SET	Inconsistent set condition
14	JRNLDEF_INV_RESGROUP	Resource group not found
21	JRNLDEF_INV_ACTION	Invalid action
22	JRNLDEF_INV_RECADDR	Invalid record address
23	JRNLDEF_INV_RECLEN	Invalid record length
24	JRNLDEF_DIFF_VERSION	Different version
25	JRNLDEF_EARLY_NAMELIST_END	Early name list end
26	JRNLDEF_INV_NAMELIST	Invalid name list
27	JRNLDEF_INV_NAME	Invalid name
28	JRNLDEF_INV_MINNAME	Invalid minor name

Table 571. JRNLDEF 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

Table 571. JRNLDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
DEVADDR Input/output valid values	NO									
EMRGNCYRSTRT	EYUDA	CPSM	4	Yes	LIKE	No	Emergency restart data set	LRU		21
EMRGNCYRSTRT 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									
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

JRNLMODL Resource Table

A CICS Resource that describes a journal model in an active system running the CICS TS for z/OS 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

CICSJournalModel

Length

128

Usage API or WUI or CICS Management Client Interface

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0076

Table 572. Valid CPSM operations

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

Table 573. JRNLMODL 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			
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	15
CHANGEAGENT	CV DAS	INQ	4	LIKE	No	Last modification agent		E640 E650	6
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	8

Table 573. JRNLMODL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	9
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	7
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	10
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	11
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	14
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	13
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	12
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								

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

JRNLMODL Resource Table

A CICS Resource that describes a journal in an active system running the CICS TS for z/OS 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

CICSJournalName

Length

80

Usage API or WUI or CICS Management Client Interface 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 574. Valid CPSM operations

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

Table 575. JRNLNAME 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
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						

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

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 using BAS” on page 17.

External resource name

CICSDefinitionJournalModel

Length

184

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3803

Table 576. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM	INSTALL	FORCEINS(YES, NO)	No
SET		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	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
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 577. JRNMDEF FEEDBACK error codes

Value	Code	Description
1	JRNMDEF_INV_DATA	Attribute data invalid
2	JRNMDEF_REC_NOT_FOUND	Requested resource not found
4	JRNMDEF_REC_EXISTS	Resource already exists
5	JRNMDEF_REC_CHANGED	Resource definition already changed
6	JRNMDEF_INV_RESTYPE	Invalid resource type
7	JRNMDEF_INV_VER	Invalid resource version
11	JRNMDEF_NON_MP	Maintenance point CMAS not available
12	JRNMDEF_INV_CONTEXT	Context not found
13	JRNMDEF_INCONSISTENT_SET	Inconsistent set condition
14	JRNMDEF_INV_RESGROUP	Resource group not found
21	JRNMDEF_INV_ACTION	Invalid action
22	JRNMDEF_INV_RECADDR	Invalid record address
23	JRNMDEF_INV_RECLEN	Invalid record length
24	JRNMDEF_DIFF_VERSION	Different version
25	JRNMDEF_EARLY_NAMELIST_END	Early name list end
26	JRNMDEF_INV_NAMELIST	Invalid name list
27	JRNMDEF_INV_NAME	Invalid name
28	JRNMDEF_INV_MINNAME	Invalid minor name
29	JRNMDEF_NOTIFY	Notify
30	JRNMDEF_PARTIAL_INSTALL	Partial install
31	JRNMDEF_NOTHING_INSTALLED	Nothing installed
32	JRNMDEF_NO_TARGETS	No targets
33	JRNMDEF_NO_RELATED	No related systems
34	JRNMDEF_INV_TSCOPE	Invalid target scope
35	JRNMDEF_INV_RSCOPE	Invalid related scope
36	JRNMDEF_INV_USAGE	Invalid usage
37	JRNMDEF_INV_MODE	Invalid mode
38	JRNMDEF_INV_STATECHK	Invalid state check
39	JRNMDEF_INV_FORCEINS	Invalid force install
40	JRNMDEF_INV_NOTIFY	Invalid notify
41	JRNMDEF_INV_OVERTYPE	Invalid over type
42	JRNMDEF_INV_OVRBLOCK	Invalid override block
43	JRNMDEF_INV_ORSTRING	Invalid override string
44	JRNMDEF_INV_STRNGTERM	Invalid string term
45	JRNMDEF_INV_EMBEDTERM	Invalid embedded terminator
46	JRNMDEF_INV_ATTRIBUTE	Invalid attribute
47	JRNMDEF_INV_LITERAL	Invalid literal
48	JRNMDEF_INV_ORSTGNA	Invalid override string
49	JRNMDEF_SCOPE_REQUIRED	Scope required
50	JRNMDEF_USAGE_CONFLICT	Usage conflict
51	JRNMDEF_NODEFS_SELECTED	No definitions selected
52	JRNMDEF_MORE_THAN_1_RELSYS	More than one related system
53	JRNMDEF_MISSING_RELSYSID	Missing related system identifier
54	JRNMDEF_SCOPE_CONFLICT	Scope conflict
55	JRNMDEF_INV_CSDGROUP	Invalid CSD group
56	JRNMDEF_REC_NOT_REMOVED	Record not removed
57	JRNMDEF_INV_RESOURCE	Invalid resource
58	JRNMDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	JRNMDEF_PARTIAL_ACTION	Partial action
60	JRNMDEF_NOTHING_ACTIONED	Nothing actioned

Table 577. JRNMDEF FEEDBACK error codes (continued)

Value	Code	Description
61	JRNMDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	JRNMDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	JRNMDEF_CSD_ERROR	CSD access error

Table 578. JRNMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	17
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	19
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	18
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				11
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	21
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	No	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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

JVM Resource Table

A CICS Resource that provides information about a JVM. This resource is not supported in CICS TS for z/OS, Version 5.1 and later versions.

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

There are no object specific actions for this resource class.

External resource name

CICSJVM

Length

56

Usage API or WUI or CICS Management Client Interface 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 579. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 580. 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	
AGE	BINARY	INQ	4	AVG	No	Number of seconds since the pooled JVM was initialised	3
ALLOCAGE	BINARY	INQ	4	AVG	No	Number of seconds pooled JVM has been allocated to task	6
CLASSCACHEST	CVDAS	INQ	4	LIKE	No	Class cache status	7
CLASSCACHEST Output valid values	CLASSCACHE, NOCLASSCACHE						
EXECKEY	CVDAS	INQ	4	LIKE	No	Execution key of the pooled JVM	4
EXECKEY Output valid values	CICSEXECKEY, USEREXECKEY						
NAME-1	BINARY	INQ	4	MAX	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 pooled 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 pooled JVM is allocated	5

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

JVMPOOL Resource Table

A CICS Resource that provides information about the pool of JVMs in the CICS address space. This resource is not supported in CICS TS for z/OS, Version 5.1 and later versions.

The following actions are supported:

SET Set a CICS system attribute according to the new value you specify in an overtype 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.

START
Start one or more JVMs using the specified JVM profile and execution key.

External resource name
CICSJVMPool

Length
1272

Usage API or WUI or CICS Management Client Interface 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 581. Valid CPSM operations

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

Table 581. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	DISABLE	None	N/A
	PHASEOUT	JVMPROFILE(value)	No
	PURGE	JVMPROFILE(value)	No
	FORCEPURGE	JVMPROFILE(value)	No
	START	EXECKEY(CICSEXECKEY, USEREXECKEY)	Yes
		JVMCOUNT(value)	Yes
		JVMPROFILE(value)	Yes

Table 582. 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
PHASINGOUT	BINARY	INQ	4	AVG	No	Number of Java virtual machines (JVM) for removal		1
PROFILEDIR	CHAR	INQ	240	DIFF	No	JVM profile directory	E640 E650	23
SJGCURRCACHE	BINARY	STAT	4	AVG	No	Current pooled (class cache) JVMs		19
SJGCURRJVMS	BINARY	STAT	4	AVG	No	Number of current JVMs		8
SJGPEAKCACHE	BINARY	STAT	4	AVG	No	Peak pooled (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	E650+	22
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

JVMPROF Resource Table

A CICS Resource that provides information about a JVM profile. This resource is not supported in CICS TS for z/OS, Version 5.1 and later versions.

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

There are no object specific actions for this resource class.

External resource name

CICSJVMProfile

Length

384

Usage API or WUI or CICS Management Client Interface 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 583. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 584. 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	Heap peak for CICS key JVMs		25
CJVMSUNRESET	BINARY	STAT	4	AVG	No	Number of CICS key JVMs not resettable	E650+	17
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

Table 584. JVMPROF resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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 zFS 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	Heap peak for user key JVMs		26
UJVMSUNRESET	BINARY	STAT	4	AVG	No	Number of USER key JVMs not resettable	E650+	18
ULEHEAPHWM	BINARY	STAT	4	AVG	No	Peak Language Environment heap used (USER key)		24
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

JVMSERV Resource Table

A CICS resource that provides information about an installed JVM server.

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

The following actions are supported:

DISABLE

Disable the JVMSERVER resource to stop the JVM server runtime environment.

DISCARD

Discard the JVMSERVER resource definition. The resource must be disabled.

ENABLE

Enable the JVMSERVER resource to start the JVM server runtime environment.

SET Set a CICS system attribute according to the new value you specify in an overtyping field.

External resource name

CICSJVMServer

Length

536

Usage API or WUI or CICS Management Client Interface or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0194

Table 585. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM	ENABLE	None	N/A
SET	DISABLE	PURGETYPE(PHASEOUT, PURGE, FORCEPURGE, KILL)	No
	DISCARD	None	N/A

Table 586. JVMSESV 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			
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0		12
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent			5
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATSPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release			6
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time			7
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID			4
CURRENTHEAP	BINARY	INQ	8	MAX	No	Current Heap size		E640 E650 E660	24

Table 586. JVMSESV resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition			8
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time			9
ENABLESTATUS	CV DAS	CPSM	4	LIKE	Yes	Enable status			2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED								
ENABLESTATUS Output valid values	ENABLING, DISABLING, DISCARDING								
GCPOLICY	CHAR	INQ	32	MIN	No	The garbage collection policy		E640 E650 E660	25
INITHEAP	BINARY	INQ	8	MIN	No	Initial Heap size		E640 E650 E660	26
INSTALLAGENT	CV DAS	INQ	4	LIKE	No	Installation agent		E640 E650	3
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST, BUNDLE								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time			11
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID			10
JVMPROFILE	CHAR	INQ	8	MIN	No	JVM profile name			14
LERUNOPTS	CHAR	INQ	8	MIN	No	LE runtime options program			15
MAXHEAP	BINARY	INQ	8	MAX	No	Maximum Heap size		E640 E650 E660	27
NAME-1	CHAR	INQ	8	DIFF	Yes	JVM server name			1
OCCUPANCY	BINARY	INQ	8	MAX	No	Heap occupancy		E640 E650 E660	28
PEAKHEAP	BINARY	STAT	8	MAX	No	Peak Heap size		E640 E650 E660	37
PID	BINARY	INQ	4	MIN	No	JVM process id		E640 E650 E660	29
PROFILEDIR	CHAR	INQ	240	DIFF	No	JVM profile directory		E640 E650 E660 E670	46
SRVCRTTMEGMT	DATETIME	STAT	8	MIN	No	JVM creation time (GMT)		E640 E650 E660	35
SRVCRTTMELCL	DATETIME	STAT	8	MIN	No	JVM creation time (Local time)		E640 E650 E660	36
SRVGCMJRCNT	BINARY	STAT	4	MAX	No	Number of major garbage collection events		E640 E650 E660	38
SRVGCMJRCPU	BINARY	STAT	8	MAX	No	Total CPU used by major garbage collection		E640 E650 E660	39
SRVGCMJRFRD	BINARY	STAT	8	MAX	No	Heap freed by major garbage collection		E640 E650 E660	40
SRVGCMNRCNT	BINARY	STAT	4	MAX	No	Number of minor garbage collection events		E640 E650 E660	41
SRVGCMNRCPU	BINARY	STAT	8	MAX	No	Total CPU used by minor garbage collection		E640 E650 E660	42

Table 586. JVMSESV resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
SRVGCMNRFRD	BINARY	STAT	8	MAX	No	Heap freed by minor garbage collection		E640 E650 E660	43
SRVSYSTHCNT	BINARY	STAT	4	MAX	No	JVM server system thread use count		E640 E650 E660	30
SRVSYSTHDWT	BINARY	STAT	4	MAX	No	Number of system thread waits		E640 E650 E660	31
SRVSYSTHNWT	BINARY	STAT	4	MAX	No	Number of tasks waiting for a system thread		E640 E650 E660	33
SRVSYSTHPWT	BINARY	STAT	4	MAX	No	Peak number of waiting system threads		E640 E650 E660	34
SRVSYSTHWTT	BINARY	STAT	4	MAX	No	Total system thread waiting time		E640 E650 E660	32
SRVTHRCURR	BINARY	STAT	4	AVG	No	Current number of threads			18
SRVTHRHWM	BINARY	STAT	4	AVG	No	Peak number of threads			19
SRVTHRWAIT	BINARY	STAT	4	AVG	No	Number of thread waits			20
SRVTHRCURR	BINARY	STAT	4	AVG	No	Current number of waiting threads			22
SRVTHRHHWM	BINARY	STAT	4	AVG	No	Peak number of waiting threads			23
SRVTHRWTIME	BINARY	STAT	8	AVG	No	Total thread waiting time			21
SRVUSECOUNT	BINARY	STAT	4	SUM	No	JVM server use count			17
THREADLIMIT	BINARY	INQ	4	MAX	Yes	Maximum number of threads			16

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

JVMSVDEF Resource Table

A CICS definition that describes a JVM server.

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

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported.

CREATE

Create a JVMSESV resource that represents the JVM server in CICS.

INSTALL

Install a JVMSESV resource so that the JVM server is available in CICS.

The parameter data for the INSTALL action is described in “Parameters for installing CICS definitions using BAS” on page 17.

External resource name
CICSDefinitionJVMServer

Length
168

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICS Definition

Copybook identifier
EYUt3841

Table 587. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM	INSTALL	FORCEINS(YES, NO)	No
SET		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		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
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 588. JVMSVDEF FEEDBACK error codes

Value	Code	Description
1	JVMSVDEF_INV_DATA	Attribute data invalid
2	JVMSVDEF_REC_NOT_FOUND	Requested resource not found
4	JVMSVDEF_REC_EXISTS	Resource already exists
5	JVMSVDEF_REC_CHANGED	Resource definition already changed

Table 588. JVMSVDEF FEEDBACK error codes (continued)

Value	Code	Description
6	JVMSVDEF_INV_RESTYPE	Invalid resource type
7	JVMSVDEF_INV_VER	Invalid resource version
11	JVMSVDEF_NON_MP	Maintenance point CMAS not available
12	JVMSVDEF_INV_CONTEXT	Context not found
13	JVMSVDEF_INCONSISTENT_SET	Inconsistent set condition
14	JVMSVDEF_INV_RESGROUP	Resource group not found
21	JVMSVDEF_INV_ACTION	Invalid action
22	JVMSVDEF_INV_RECADDR	Invalid record address
23	JVMSVDEF_INV_RECLEN	Invalid record length
24	JVMSVDEF_DIFF_VERSION	Different version
25	JVMSVDEF_EARLY_NAMELIST_END	Early name list end
26	JVMSVDEF_INV_NAMELIST	Invalid name list
27	JVMSVDEF_INV_NAME	Invalid name
28	JVMSVDEF_INV_MINNAME	Invalid minor name
29	JVMSVDEF_NOTIFY	Notify
30	JVMSVDEF_PARTIAL_INSTALL	Partial install
31	JVMSVDEF_NOTHING_INSTALLED	Nothing installed
32	JVMSVDEF_NO_TARGETS	No targets
33	JVMSVDEF_NO_RELATED	No related systems
34	JVMSVDEF_INV_TSCOPE	Invalid target scope
35	JVMSVDEF_INV_RSCOPE	Invalid related scope
36	JVMSVDEF_INV_USAGE	Invalid usage
37	JVMSVDEF_INV_MODE	Invalid mode
38	JVMSVDEF_INV_STATECHK	Invalid state check
39	JVMSVDEF_INV_FORCEINS	Invalid force install
40	JVMSVDEF_INV_NOTIFY	Invalid notify
41	JVMSVDEF_INV_OVERTYPE	Invalid over type
42	JVMSVDEF_INV_OVRBLOCK	Invalid override block
43	JVMSVDEF_INV_ORSTRING	Invalid override string
44	JVMSVDEF_INV_STRNGTERM	Invalid string term
45	JVMSVDEF_INV_EMBEDTERM	Invalid embedded terminator
46	JVMSVDEF_INV_ATTRIBUTE	Invalid attribute
47	JVMSVDEF_INV_LITERAL	Invalid literal
48	JVMSVDEF_INV_ORSTGNA	Invalid override string
49	JVMSVDEF_SCOPE_REQUIRED	Scope required
50	JVMSVDEF_USAGE_CONFLICT	Usage conflict
51	JVMSVDEF_NODEFS_SELECTED	No definitions selected
52	JVMSVDEF_MORE_THAN_1_RELSYS	More than one related system
53	JVMSVDEF_MISSING_RELSYSID	Missing related system identifier
54	JVMSVDEF_SCOPE_CONFLICT	Scope conflict
55	JVMSVDEF_INV_CSDGROUP	Invalid CSD group
56	JVMSVDEF_REC_NOT_REMOVED	Record not removed
57	JVMSVDEF_INV_RESOURCE	Invalid resource
58	JVMSVDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	JVMSVDEF_PARTIAL_ACTION	Partial action
60	JVMSVDEF_NOTHING_ACTIONED	Nothing actioned
61	JVMSVDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	JVMSVDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	JVMSVDEF_CSD_ERROR	CSD access error

Table 589. JVMSVDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	4
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	7
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	6
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				5
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	22
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		21
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				20
JVMPROFILE	CHAR	CPSM	8	Yes	DIFF	No	JVM profile name				16
LERUNOPTS	CHAR	CPSM	8	No	DIFF	No	LE runtime options program	DFHAXRO			18
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				12
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Enabled Status	ENABLED			17
STATUS Input/output valid values	ENABLED, DISABLED										
THREADLIMIT	CHAR	CPSM	3	No	DIFF	No	Maximum number of threads	15	1-256		19
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

LIBDEF Resource Table

A CICS definition that describes a dynamic LIBRARY

The **Primary** key fields for this resource class are NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

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

CICSDefinitionLIBRARY

Length

856

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3837

Table 590. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM	INSTALL	FORCEINS(YES, NO)	No
SET		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	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
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 591. LIBDEF FEEDBACK error codes

Value	Code	Description
1	LIBDEF_INV_DATA	Attribute data invalid
2	LIBDEF_REC_NOT_FOUND	Requested resource not found
4	LIBDEF_REC_EXISTS	Resource already exists
5	LIBDEF_REC_CHANGED	Resource definition already changed
6	LIBDEF_INV_RESTYPE	Invalid resource type
7	LIBDEF_INV_VER	Invalid resource version
11	LIBDEF_NON_MP	Maintenance point CMAS not available
12	LIBDEF_INV_CONTEXT	Context not found
13	LIBDEF_INCONSISTENT_SET	Inconsistent set condition
14	LIBDEF_INV_RESGROUP	Resource group not found
21	LIBDEF_INV_ACTION	Invalid action
22	LIBDEF_INV_RECADDR	Invalid record address
23	LIBDEF_INV_RECLEN	Invalid record length
24	LIBDEF_DIFF_VERSION	Different version
25	LIBDEF_EARLY_NAMELIST_END	Early name list end
26	LIBDEF_INV_NAMELIST	Invalid name list
27	LIBDEF_INV_NAME	Invalid name
28	LIBDEF_INV_MINNAME	Invalid minor name
29	LIBDEF_NOTIFY	Notify
30	LIBDEF_PARTIAL_INSTALL	Partial install
31	LIBDEF_NOTHING_INSTALLED	Nothing installed
32	LIBDEF_NO_TARGETS	No targets
33	LIBDEF_NO_RELATED	No related systems
34	LIBDEF_INV_TSCOPE	Invalid target scope
35	LIBDEF_INV_RSCOPE	Invalid related scope
36	LIBDEF_INV_USAGE	Invalid usage
37	LIBDEF_INV_MODE	Invalid mode
38	LIBDEF_INV_STATECHK	Invalid state check
39	LIBDEF_INV_FORCEINS	Invalid force install
40	LIBDEF_INV_NOTIFY	Invalid notify
41	LIBDEF_INV_OVERTYPE	Invalid over type
42	LIBDEF_INV_OVRBLOCK	Invalid override block
43	LIBDEF_INV_ORSTRING	Invalid override string
44	LIBDEF_INV_STRNGTERM	Invalid string term
45	LIBDEF_INV_EMBEDTERM	Invalid embedded terminator
46	LIBDEF_INV_ATTRIBUTE	Invalid attribute
47	LIBDEF_INV_LITERAL	Invalid literal
48	LIBDEF_INV_ORSTGNA	Invalid override string
49	LIBDEF_SCOPE_REQUIRED	Scope required
50	LIBDEF_USAGE_CONFLICT	Usage conflict
51	LIBDEF_NODEFS_SELECTED	No definitions selected
52	LIBDEF_MORE_THAN_1_RELSYS	More than one related system
53	LIBDEF_MISSING_RELSYSID	Missing related system identifier
54	LIBDEF_SCOPE_CONFLICT	Scope conflict
55	LIBDEF_INV_CSDGROUP	Invalid CSD group
56	LIBDEF_REC_NOT_REMOVED	Record not removed
57	LIBDEF_INV_RESOURCE	Invalid resource
58	LIBDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	LIBDEF_PARTIAL_ACTION	Partial action
60	LIBDEF_NOTHING_ACTIONED	Nothing actioned
61	LIBDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 591. LIBDEF FEEDBACK error codes (continued)

Value	Code	Description
62	LIBDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	LIBDEF_CSD_ERROR	CSD access error

Table 592. LIBDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	33
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	35
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	34
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										
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	37
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	No	DIFF	No	Data set name 01				11
DSNAME02	CHAR	CPSM	44	No	DIFF	No	Data set name 02				12
DSNAME03	CHAR	CPSM	44	No	DIFF	No	Data set name 03				13
DSNAME04	CHAR	CPSM	44	No	DIFF	No	Data set name 04				14
DSNAME05	CHAR	CPSM	44	No	DIFF	No	Data set name 05				15
DSNAME06	CHAR	CPSM	44	No	DIFF	No	Data set name 06				16
DSNAME07	CHAR	CPSM	44	No	DIFF	No	Data set name 07				17
DSNAME08	CHAR	CPSM	44	No	DIFF	No	Data set name 08				18
DSNAME09	CHAR	CPSM	44	No	DIFF	No	Data set name 09				19
DSNAME10	CHAR	CPSM	44	No	DIFF	No	Data set name 10				20
DSNAME11	CHAR	CPSM	44	No	DIFF	No	Data set name 11				21
DSNAME12	CHAR	CPSM	44	No	DIFF	No	Data set name 12				22
DSNAME13	CHAR	CPSM	44	No	DIFF	No	Data set name 13				23
DSNAME14	CHAR	CPSM	44	No	DIFF	No	Data set name 14				24
DSNAME15	CHAR	CPSM	44	No	DIFF	No	Data set name 15				25
DSNAME16	CHAR	CPSM	44	No	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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

LIBDSN Resource Table

A CICS definition that describes the datasets that make up a LIBRARY concatenation.

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

The **Secondary** key field for this resource class is DSNUM.

Note: The PLATFORM, APPLICATION, APPLMAJORVER, APPLMINORVER, and APPLMICROVER parameters are all required when the GET operation is in the context of an application that is deployed on a platform.

External resource name

CICSLIBRARYDataSetName

Length

88

Usage API or WUI or CICS Management Client Interface 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 593. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		APPLICATION(value)	No
		APPLMAJORVER(value)	No
		APPLMICROVER(value)	No
		APPLMINORVER(value)	No
		PLATFORM(value)	No

Table 594. 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	

Table 594. LIBDSN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 LIBGROUP.

The **Secondary** key field for this resource class is LIBNAME.

The **Tertiary** key field for this resource class is LIBVER.

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

56

Usage API or Batch Utility or WUI

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6182

Table 595. Valid CPSM operations

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

Table 596. LIBINGRP FEEDBACK error codes

Value	Code	Description
1	LIBINGRP_INV_DATA	Attribute data invalid
2	LIBINGRP_REC_NOT_FOUND	Requested resource not found
4	LIBINGRP_REC_EXISTS	Resource already exists
6	LIBINGRP_INV_RESTYPE	Invalid resource type
7	LIBINGRP_INV_VER	Invalid resource version
11	LIBINGRP_NON_MP	Maintenance point CMAS not available
12	LIBINGRP_INV_CONTEXT	Context not found
21	LIBINGRP_INCONSISTENT_SET	Inconsistent set
22	LIBINGRP_DIFF_VERSION	Different version
23	LIBINGRP_INV_NAME	Invalid name
24	LIBINGRP_INV_MINNAME	Invalid minor name

Table 597. LIBINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

These actions require no unique parameter data.

Note: The PLATFORM, APPLICATION, APPLMAJORVER, APPLMINORVER, and APPLMICROVER parameters are all required when the GET operation is in the context of an application that is deployed on a platform.

External resource name

CICSLIBRARY

Length

112

Usage API or WUI or CICS Management Client Interface 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 598. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		APPLICATION(value)	No
		APPLMAJORVER(value)	No
		APPLMICROVER(value)	No
		APPLMINORVER(value)	No
		PLATFORM(value)	No
SET		APPLICATION(value)	No
		APPLMAJORVER(value)	No
		APPLMICROVER(value)	No
		APPLMINORVER(value)	No
		PLATFORM(value)	No
PERFORM SET	DISABLE	APPLICATION(value)	No
		APPLMAJORVER(value)	No
		APPLMICROVER(value)	No
		APPLMINORVER(value)	No
		PLATFORM(value)	No
	ENABLE	APPLICATION(value)	No
		APPLMAJORVER(value)	No
		APPLMICROVER(value)	No
		APPLMINORVER(value)	No
		PLATFORM(value)	No
	DISCARD	APPLICATION(value)	No
		APPLMAJORVER(value)	No
		APPLMICROVER(value)	No
		APPLMINORVER(value)	No

Table 598. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		APPLMICROVER(value)	No
		APPLMINORVER(value)	No
		PLATFORM(value)	No

Table 599. LIBRARY 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			
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	17
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	9
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, SYSTEM, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	10
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	11
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	8
CRITSTATUS	CVDAS	INQ	4	LIKE	Yes	Critical status			3
CRITSTATUS Input/output valid values	CRITICAL, NONCRITICAL								
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	12
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	13
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enable status			4
ENABLESTATUS Input/output valid values	DISABLED, ENABLED								
ENABLESTATUS Output valid values	DISABLING, ENABLING, DISCARDING								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	16
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, SYSTEM, GRPLIST, BUNDLE								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	15
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	14
NAME-1	CHAR	INQ	8	DIFF	Yes	LIBRARY name			1
NUMDSNAMES	BINARY	INQ	4	SUM	Yes	Number of DSNAMES			5
PGMLOADCNT	BINARY	STAT	4	SUM	Yes	Program load count			7
RANKING	BINARY	INQ	4	MIN	Yes	Ranking			2
SEARCHPOS	BINARY	INQ	4	MAX	Yes	Search position			6

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

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

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

CICSMonitorSpecificationsToSystemGroup

Length

56

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt5633

Table 600. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		FORCE	No
		NONE	No
		NULL	No
		KEEP	Yes
REMOVE		NONE	Yes
		FORCE	Yes
PERFORM SET	CHGSPEC	KEEP	Yes
		NAME	Yes
		NEW_SPECNAME(value)	Yes
		NULL	Yes

Table 601. LNKSMSCG FEEDBACK error codes

Value	Code	Description
1	LNKSMSCG_INV_DATA	Attribute data invalid
2	LNKSMSCG_REC_NOT_FOUND	Requested resource not found
3	LNKSMSCG_INV_REFERENCE	Attribute references an invalid resource
4	LNKSMSCG_REC_EXISTS	Association already exists
6	LNKSMSCG_SPEC_NOT_FOUND	Specification name not found
7	LNKSMSCG_UNK_OLDSPEC	Unknown old specification name
8	LNKSMSCG_UNK_NEWSPEC	Unknown new specification name
9	LNKSMSCG_UNK_SPECNAME	Specification name does not exist
10	LNKSMSCG_INV_OLDSPEC	Invalid old specification name
11	LNKSMSCG_INV_NEWSPEC	Invalid new specification name
12	LNKSMSCG_MISSING_QUE	Missing queue
13	LNKSMSCG_LNKASSOC_EXISTS	Different association exists

Table 602. LNKSMSCG resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	7
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	10
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	9
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	8
GROUP-2	CHAR	CPSM	8	Yes	DIFF	Yes	System group	6
SPEC-1	CHAR	CPSM	8	Yes	DIFF	Yes	Monitor specification	5

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is SYSTEM.

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 9.

External resource name

CICSMonitorSpecificationsToSystem

Length

64

Usage API or Batch Utility or WUI or CICS Management Client Interface**API view**

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt5634

Table 603. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A
PERFORM	CHGSPEC	NEW_SPECNAME(value)	Yes
SET			

Table 604. LNKSMSCS FEEDBACK error codes

Value	Code	Description
1	LNKSMSCS_INV_DATA	Attribute data invalid
2	LNKSMSCS_REC_NOT_FOUND	Requested resource not found
3	LNKSMSCS_INV_REFERENCE	Attribute references an invalid resource
4	LNKSMSCS_REC_EXISTS	Association already exists
6	LNKSMSCS_SPEC_NOT_FOUND	Specification name not found
7	LNKSMSCS_UNK_OLDSPEC	Unknown old specification name
8	LNKSMSCS_UNK_NEWSPEC	Unknown new specification name
9	LNKSMSCS_UNK_SPECNAME	Specification name does not exist
10	LNKSMSCS_INV_OLDSPEC	Invalid old specification name
11	LNKSMSCS_INV_NEWSPEC	Invalid new specification name
12	LNKSMSCS_MISSING_QUE	Missing queue
13	LNKSMSCS_LNKASSOC_EXISTS	Different association exists

Table 605. LNKSMSCS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent		9
CHANGEAGENT Input/output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release		12
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification		1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID		11
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created		10

Table 605. LNKSMSCS resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Attr ID
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

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

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

CICSRTASpecificationsToSystemGroup

Length

56

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt5635

Table 606. 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 607. LNKSRSRSCG FEEDBACK error codes

Value	Code	Description
1	LNKSRSRSCG_INV_DATA	Attribute data invalid
2	LNKSRSRSCG_REC_NOT_FOUND	Requested resource not found
3	LNKSRSRSCG_INV_REFERENCE	Attribute references an invalid resource
4	LNKSRSRSCG_REC_EXISTS	Association already exists
6	LNKSRSRSCG_SPEC_NOT_FOUND	Specification name not found
7	LNKSRSRSCG_UNK_OLDSPEC	Unknown old specification name
8	LNKSRSRSCG_UNK_NEWSPEC	Unknown new specification name
9	LNKSRSRSCG_UNK_SPECNAME	Specification name does not exist
10	LNKSRSRSCG_INV_OLDSPEC	Invalid old specification name
11	LNKSRSRSCG_INV_NEWSPEC	Invalid new specification name
12	LNKSRSRSCG_MISSING_QUE	Missing queue
13	LNKSRSRSCG_LNKASSOC_EXISTS	Different association exists

Table 608. LNKSRSRSCG resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDA5	CPSM	4	No	LIKE	No	Last modification agent	7
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	10
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	9
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	8
GROUP-2	CHAR	CPSM	8	Yes	DIFF	Yes	System group	6
SPEC-1	CHAR	CPSM	8	Yes	DIFF	Yes	RTA specification	5

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

LNKSRSCS Resource Table

A CPSM Topology Definition that describes the link between a CICS system and an analysis specification (RTASPEC). LNKSRSCS objects can be created via an explicit reference to a CICS system or implicitly via a LNKSRSCG object.

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

The **Secondary** key field for this resource class is SYSTEM.

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 LNKSRSCS records see “Special attribute and resource table considerations” on page 9.

External resource name

CICSRTASpecificationsToSystem

Length

64

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt5636

Table 609. 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 610. LNKSRSCS FEEDBACK error codes

Value	Code	Description
1	LNKSRSCS_INV_DATA	Attribute data invalid
2	LNKSRSCS_REC_NOT_FOUND	Requested resource not found
3	LNKSRSCS_INV_REFERENCE	Attribute references an invalid resource
4	LNKSRSCS_REC_EXISTS	Association already exists

Table 610. LNKSRSRCS FEEDBACK error codes (continued)

Value	Code	Description
6	LNKSRSRCS_SPEC_NOT_FOUND	Specification name not found
7	LNKSRSRCS_UNK_OLDSPEC	Unknown old specification name
8	LNKSRSRCS_UNK_NEWSPEC	Unknown new specification name
9	LNKSRSRCS_UNK_SPECNAME	Specification name does not exist
10	LNKSRSRCS_INV_OLDSPEC	Invalid old specification name
11	LNKSRSRCS_INV_NEWSPEC	Invalid new specification name
12	LNKSRSRCS_MISSING_QUE	Missing queue
13	LNKSRSRCS_LNKASSOC_EXISTS	Different association exists

Table 611. LNKSRSRCS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Attr ID
CHANGEAGENT	CVDA	CPSM	4	No	LIKE	No	Last modification agent		9
CHANGEAGENT Input/output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release		12
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification		1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID		11
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created		10
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

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

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
CICSWLMSpecificationsToSystemGroup

Length
56

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSplex SM Definition

Copybook identifier
EYUt5637

Table 612. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		FORCE	No
		NONE	No
		NULL	No
		KEEP	Yes
REMOVE		NONE	Yes
PERFORM SET	CHGSPEC	FORCE	Yes
		KEEP	Yes
		NAME	Yes
		NEW_SPECNAME(value)	Yes
		NULL	Yes

Table 613. LNKSWSCG FEEDBACK error codes

Value	Code	Description
1	LNKSWSCG_INV_DATA	Attribute data invalid
2	LNKSWSCG_REC_NOT_FOUND	Requested resource not found
3	LNKSWSCG_INV_REFERENCE	Attribute references an invalid resource
4	LNKSWSCG_REC_EXISTS	Association already exists
6	LNKSWSCG_SPEC_NOT_FOUND	Specification name not found
7	LNKSWSCG_UNK_OLDSPEC	Unknown old specification name
8	LNKSWSCG_UNK_NEWSPEC	Unknown new specification name
9	LNKSWSCG_UNK_SPECNAME	Specification name does not exist
10	LNKSWSCG_INV_OLDSPEC	Invalid old specification name
11	LNKSWSCG_INV_NEWSPEC	Invalid new specification name
12	LNKSWSCG_MISSING_QUE	Missing queue
13	LNKSWSCG_LNKASSOC_EXISTS	Different association exists

Table 614. LNKSWSCG resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	7
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	10
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	9
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	8
GROUP-2	CHAR	CPSM	8	Yes	DIFF	Yes	System group	6
SPEC-1	CHAR	CPSM	8	Yes	DIFF	Yes	WLM specification	5

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is SYSTEM.

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 9.

External resource name

CICSWLMSpecificationsToSystem

Length

64

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type
CICSplex SM Definition

Copybook identifier
EYUt5638

Table 615. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A
PERFORM	CHGSPEC	NEW_SPECNAME(value)	Yes
SET			

Table 616. LNKSWSGS FEEDBACK error codes

Value	Code	Description
1	LNKSWSGS_INV_DATA	Attribute data invalid
2	LNKSWSGS_REC_NOT_FOUND	Requested resource not found
3	LNKSWSGS_INV_REFERENCE	Attribute references an invalid resource
4	LNKSWSGS_REC_EXISTS	Association already exists
6	LNKSWSGS_SPEC_NOT_FOUND	Specification name not found
7	LNKSWSGS_UNK_OLDSPEC	Unknown old specification name
8	LNKSWSGS_UNK_NEWSPEC	Unknown new specification name
9	LNKSWSGS_UNK_SPECNAME	Specification name does not exist
10	LNKSWSGS_INV_OLDSPEC	Invalid old specification name
11	LNKSWSGS_INV_NEWSPEC	Invalid new specification name
12	LNKSWSGS_MISSING_QUE	Missing queue
13	LNKSWSGS_LNKASSOC_EXISTS	Different association exists

Table 617. LNKSWSGS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent		9
CHANGEAGENT Input/output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release		12
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification		1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID		11
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created		10
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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
CICSLoaderByDSA

Length
136

Usage API or WUI or CICS Management Client Interface 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 618. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 619. LOADACT 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		
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
LDGDPST	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

Table 619. LOADACT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
LDGLLR	BINARY	STAT	4	AVG	No	Number of library load requests		6
LDGLLRRO	BINARY	STAT	4	AVG	No	Number of library load requests on the RO TCB	E640 E650 E660 E670	39
LDGLLT	INT16US	STAT	4	AVG	No	Total time taken for all program loads		7
LDGLLTRO	INT16US	STAT	4	AVG	No	Time taken to load programs on the RO TCB	E640 E650 E660 E670	40
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
LDGRECNIU	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
LDGWLRRHW	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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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
CICSLoader

Length

344

Usage API or WUI or CICS Management Client Interface 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 620. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 621. 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
ANIUECDSA	INTTSTP	CPSM	8	AVG	Average age on ECDSA Not-In-Use (NIU) queue		57
ANIUQERDSA	INTTSTP	CPSM	8	AVG	Average age on ERDSA Not-In-Use (NIU) queue		69
ANIUESDSA	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
ANIUSDSA	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

Table 621. *LOADER resource table attributes (continued)*

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
LDGDPSTC	INTTSTP	STAT	8	AVG	Total time for CDSA programs on Not-In-Use queue		19
LDGDPSTEC	INTTSTP	STAT	8	AVG	Total time for ECDSA programs on Not-In-Use queue		24
LDGDPSTER	INTTSTP	STAT	8	AVG	Total time for ERDSA programs on Not-In-Use queue		44
LDGDPSTES	INTTSTP	STAT	8	AVG	Total time for ESDSA programs on Not-In-Use queue		34
LDGDPSTR	INTTSTP	STAT	8	AVG	Total time for RDSA programs on Not-In-Use queue		39
LDGDPSTS	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
LDGLLRRO	BINARY	STAT	4	AVG	Number of library load requests on the RO TCB	E640 E650 E660 E670	87
LDGLLT	INT16US	STAT	4	AVG	Total time for all loads		6
LDGLLTRO	INT16US	STAT	4	AVG	Time taken to load programs on the RO TCB	E640 E650 E660 E670	88
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

Table 621. *LOADER resource table attributes (continued)*

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
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
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSLocalFile

Length

368

Usage API or WUI or CICS Management Client Interface 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 622. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM	CLOSE	BUSY(WAIT, NOWAIT, FORCE)	Yes
SET	DISABLE	BUSY(WAIT, NOWAIT, FORCE)	Yes
	DISCARD	None	N/A
	ENABLE	None	N/A
	OPEN	None	N/A

Table 623. LOCFILE 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			
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
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	64
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
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	56
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, TABLE, SYSTEM, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	57
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	58
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	55

Table 623. LOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
DATASETTYPE	CHAR	STAT	1	DIFF	No	Data set type			48
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	59
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	60
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
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	63
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, TABLE, SYSTEM, GRPLIST, BUNDLE								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	62
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	61
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	BINARY	INQ	2	MAX	Yes	LSR Pool number			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

Table 623. LOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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
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 Input/output valid values	NOTAPPLIC								
VSAMTYPE Output valid values	ESDS, KSDS, RRDS, VRRDS								
WSTRCCURCNT	BINARY	STAT	2	AVG	No	Peak number of tasks waiting for a string			40

Table 623. LOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
WSTRCNT	BINARY	STAT	4	AVG	No	Total requests queued because all strings in use			38

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSLocalTransaction

Length

296

Usage API or WUI or CICS Management Client Interface 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 624. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 624. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
SET		None	N/A
PERFORM	DISABLE	None	N/A
SET	DISCARD	None	N/A
	ENABLE	None	N/A

Table 625. LOCTRAN FEEDBACK error codes

Value	Code	Description
1	LOCTRAN_INV_DATA	Attribute data invalid

Table 626. LOCTRAN 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			
ACTMISMATS	BINARY	STAT	4	AVG	No	Number of indoubt action mismatches detected			43
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	57
BREXIT	CHAR	INQ	8	DIFF	No	Bridge exit program name			45
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	48
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, SYSTEM, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	50
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	52
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	49
CMDSEC	CVDAS	INQ	4	LIKE	No	Command level security option			2
CMDSEC Output valid values	CMDSECNO, CMDSECYES								
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	53
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	54
DTB	CVDAS	INQ	4	LIKE	No	Dynamic transaction backout option		E510+	3
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	TRANSDUMP, 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

Table 626. LOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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								
INDOUBTMINS	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								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	51
INSTALLAGENT Input/output valid values	CSDAPI, CREATSPI, SYSTEM, GRPLIST, BUNDLE								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	56
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	55
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
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								
REMOSECNT	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

Table 626. LOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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								
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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 **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

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 using BAS” on page 17.

External resource name

CICSDefinitionLSRPool

Length

464

Usage API or Batch Utility or WUI or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3804

Table 627. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM	INSTALL	FORCEINS(YES, NO)	No
SET		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	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
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 628. LSRDEF FEEDBACK error codes

Value	Code	Description
1	LSRDEF_INV_DATA	Attribute data invalid
2	LSRDEF_REC_NOT_FOUND	Requested resource not found
4	LSRDEF_REC_EXISTS	Resource already exists
5	LSRDEF_REC_CHANGED	Resource definition already changed
6	LSRDEF_INV_RESTYPE	Invalid resource type
7	LSRDEF_INV_VER	Invalid resource version
11	LSRDEF_NON_MP	Maintenance point CMAS not available
12	LSRDEF_INV_CONTEXT	Context not found
13	LSRDEF_INCONSISTENT_SET	Inconsistent set condition
14	LSRDEF_INV_RESGROUP	Resource group not found
21	LSRDEF_INV_ACTION	Invalid action
22	LSRDEF_INV_RECADDR	Invalid record address
23	LSRDEF_INV_RECLEN	Invalid record length
24	LSRDEF_DIFF_VERSION	Different version
25	LSRDEF_EARLY_NAMELIST_END	Early name list end
26	LSRDEF_INV_NAMELIST	Invalid name list
27	LSRDEF_INV_NAME	Invalid name
28	LSRDEF_INV_MINNAME	Invalid minor name
29	LSRDEF_NOTIFY	Notify
30	LSRDEF_PARTIAL_INSTALL	Partial install
31	LSRDEF_NOTHING_INSTALLED	Nothing installed
32	LSRDEF_NO_TARGETS	No targets
33	LSRDEF_NO_RELATED	No related systems
34	LSRDEF_INV_TSCOPE	Invalid target scope
35	LSRDEF_INV_RSCOPE	Invalid related scope
36	LSRDEF_INV_USAGE	Invalid usage
37	LSRDEF_INV_MODE	Invalid mode
38	LSRDEF_INV_STATECHK	Invalid state check
39	LSRDEF_INV_FORCEINS	Invalid force install
40	LSRDEF_INV_NOTIFY	Invalid notify
41	LSRDEF_INV_OVERTYPE	Invalid over type
42	LSRDEF_INV_OVRBLOCK	Invalid override block
43	LSRDEF_INV_ORSTRING	Invalid override string
44	LSRDEF_INV_STRNGTERM	Invalid string term
45	LSRDEF_INV_EMBEDTERM	Invalid embedded terminator
46	LSRDEF_INV_ATTRIBUTE	Invalid attribute
47	LSRDEF_INV_LITERAL	Invalid literal
48	LSRDEF_INV_ORSTGNA	Invalid override string
49	LSRDEF_SCOPE_REQUIRED	Scope required
50	LSRDEF_USAGE_CONFLICT	Usage conflict
51	LSRDEF_NODEFS_SELECTED	No definitions selected
52	LSRDEF_MORE_THAN_1_RELSYS	More than one related system
53	LSRDEF_MISSING_RELSYSID	Missing related system identifier
54	LSRDEF_SCOPE_CONFLICT	Scope conflict
55	LSRDEF_INV_CSDGROUP	Invalid CSD group
56	LSRDEF_REC_NOT_REMOVED	Record not removed
57	LSRDEF_INV_RESOURCE	Invalid resource
58	LSRDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	LSRDEF_PARTIAL_ACTION	Partial action
60	LSRDEF_NOTHING_ACTIONED	Nothing actioned
61	LSRDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 628. LSRDEF FEEDBACK error codes (continued)

Value	Code	Description
62	LSRDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	LSRDEF_CSD_ERROR	CSD access error

Table 629. LSRDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	56
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	58
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	57
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				50
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	60
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
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

Table 629. LSRDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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
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 number	1	1-255		8
MAXKEYLENGTH	CHAR	CPSM	4	No	DIFF	No	Maximum key length		0-255		9
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7

Table 629. LSRDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
SHARELIMIT	CHAR	CPSM	4	No	DIFF	No	Resource share limit	50	1-100		10
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Secondary** key field for this resource class is LSRNAME.

The **Tertiary** key field for this resource class is LSRVER.

There are no object specific actions for this resource class.

External resource name

Length

56

Usage API or Batch Utility or WUI

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6149

Table 630. Valid CPSM operations

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

Table 631. LSRINGRP FEEDBACK error codes

Value	Code	Description
1	LSRINGRP_INV_DATA	Attribute data invalid
2	LSRINGRP_REC_NOT_FOUND	Requested resource not found
4	LSRINGRP_REC_EXISTS	Resource already exists
6	LSRINGRP_INV_RESTYPE	Invalid resource type
7	LSRINGRP_INV_VER	Invalid resource version
11	LSRINGRP_NON_MP	Maintenance point CMAS not available
12	LSRINGRP_INV_CONTEXT	Context not found
21	LSRINGRP_INCONSISTENT_SET	Inconsistent set
22	LSRINGRP_DIFF_VERSION	Different version
23	LSRINGRP_INV_NAME	Invalid name
24	LSRINGRP_INV_MINNAME	Invalid minor name

Table 632. LSRINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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.

The **Primary** key for this resource table is POOLSIZE TYPE. While the LSRPBUF resource class identifies multiple key attributes, only the pool number can be specified in an EVALDEF INSTANCE attribute.

There are no object specific actions for this resource class.

External resource name

CICSLSRPoolBuffer

Length

80

Usage API or WUI or CICS Management Client Interface 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 633. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 634. 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	9	DIFF	Yes	Pool number/buffer size/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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

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

CICSLSRPool

Length

136

Usage API or WUI or CICS Management Client Interface 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 635. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 636. 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

Table 636. LSRPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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
LSRPOOLID-1	BINARY	STAT	2	MAX	Yes	LSR pool number	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

Related information:

“Resource table attribute definitions” on page 27

The second table 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.

Appendix. Resource table summary

A summary of the resource tables that CICSplex SM provides by functional area.

CICS definition tables

Table 637.

Summary of resource tables

ATOMDEF	FEPRODEF	PROFDEF
BUNDDEF	FETRGDEF	PROGDEF
CONNDEF	FILEDEF	PRTNDEF
CSDGROUP	FSEGDEF	RQMDEF
CSDINGRP	IPCONDEF	SESSDEF
CSDINLST	JRNLDEF	TCPDEF
CSDLIST	JRNMDEF	TDQDEF
DB2CDEF	JVMSVDEF	TERMDEF
DB2EDEF	LIBDEF	TRANDEF
DB2TDEF	LIBDSN	TRNCLDEF
DOCDEF	LSRDEF	TSMDEF
EJCODEF	MAPDEF	TYPTMDEF
EJDJDEF	MQCONDEF	URIMPDEF
ENQMDEF	PARTDEF	WEBSVDEF
FENODDEF	PIPEDEF	
FEPOODEF	PROCDEF	

CICS monitored tables

Table 638.

Summary of resource tables

MCICSDSA	MJRNLNAM	MREMFIL
MCICSRGN	MLOCFILE	MREMTDQ
MCMDT	MLOCTAN	MREMTAN
MCONNECT	MLSRPBUF	MTDQGBL
MDB2THRD	MLSRPOOL	MTERMNL
MFEPICON	MMODNAME	MTRANCLS
MINDTDQ	MNTRATDQ	MTSQGBL
MJOURNAL	MPROGRAM	MXTRATDQ

CICS operations resource tables

Table 639.
Summary of resource tables

AIMODEL	EXTRATDQ	RECOVERY
ATOMSERV	FEPICONN	REMFIL
BRFACIL	FEPINODE	REMTDQ
BUNDLE	FEPPOOL	REMTAN
BUNDPART	FEPIPROP	REQID
CFDTPOOL	FEPITRGT	RPLLIST
CICSDSA	HOST	RQMODEL
CICSPAGP	HTASK	SMFJRN
CICSRGN	INDTDQ	STREAMNM
CICSSTOR	INTRATDQ	SYSUMP
CLCACHE	IPCONN	SYSARM
CMDT	IPFACIL	TAPEJRN
CONNECT	JRNLMODL	TASK
DBCTLSS	JRNLNAM	TASKSTG
DB2CONN	JVM	TASKFIL
DB2ENTRY	JVMPPOOL	TASKRMI
DB2SS	JVMPROP	TASKTSQ
DB2THRD	JVMSERV	TASKASSC
DB2TRAN	LIBRARY	TCPIPGBL
DB2TRN	LOADACT	TCPIPS
DOCTEMP	LOADER	TDQGBL
DOMSPOOL	LOCFILE	TERMINL
DSKJRN	LOCTRAN	TRANCLAS
DSNAME	LSRPBUF	TRANDUMP
DSPGBL	LSRPOOL	TSKSPOLS
DSPMODE	MASHIST	TSKSPOOL
DSPPOOL	MASSTAT	TSMODEL
EJCOBEAN	MODENAME	TSPOOL
EJCOSE	MONITOR	TSQGBL
EJDJAR	MQCON	TSQNAME
EJDJBAN	MQCONN	TSQSHR
ENQMODEL	MQINI	TSQUEUE
ENQUEUE	MVSESTG	UOW
EPADAPT	MVSTCB	UOWDSNF
EPADSET	MVSTCBGL	UOWENQ
EPAINSET	MVSWLM	UOWLINK
EVCSDATA	OSGIBUND	URIINGRP
EVCSINFO	OSGISERV	URIMPGBL
EVCSOPT	PARTNER	URIMAP
EVCSPEC	PIPELINE	VOLUME
EVNTBIND	PIPINGRP	WEBSERV
EVNTGBL	PROCTYP	WORKREQ
EXCI	PROFILE	XMLTRANS
EXITGLUE	PROGRAM	
EXITTRUE		
EXTGLORD		

CICSplex SM definition tables

Table 640.

Summary of resource tables

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

CICSplex SM configuration definition

Table 641.

Summary of resource tables

CMTCMDEF	CPLXCMAS
CMTPMDEF	CPLXDEF

CICSplex SM management

Table 642.

Summary of resource tables

APACTV	CRESFEND	CRESURIM
APPLCTN	CRESFEPO	CRESWEBS
BATCHREP	CRESFETR	CRESXMLT
CICSPLEX	CRESFILE	EVENT
CMAS	CRESGLUE	EVENTDTL
CMASLIST	CRESIPCN	MAS
CMASPLEX	CRESJRNL	MGMTPART
CMTCLNKN	CRESJRNLM	PLATFORM
CMTPLNKN	CRESJVMS	POLMON
CRESAIMD	CRESLIBR	RASPROC
CRESATOM	CRESMODE	RDSCPROC
CRESBUND	CRESPART	RTAACTV
CRESCONN	CRESPIPE	SYSRES
CRESDB2C	CRESPRGM	TOPOBJ (IBM internal use only)
CRESDB2E	CRESPROF	TREEDATA (IBM internal use only)
CRESDB2T	CRESPRTY	TREEHEAD (IBM internal use only)
CRESDOCT	CRESRQMD	WLMATAFF
CRESDSNM	CRESSDMP	WLMATARG
CRESENQM	CRESTCPS	WLMATGRP
CRESEPAD	CRESTDMP	WLMATRAN
CRESEPAS	CRESTDQ	WLMAWAOR
CRESEVBD	CRESTERM	WLMAWDEF
CRESEVCS	CRESTRAN	WLMAWORK
CRESFECO	CRESTRUE	WLMAWTOR
	CRESTSMD	

CICSplex SM metadata

Table 643.

Summary of resource tables

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

CICSplex SM notification

Table 644.
Summary of resource tables

EACTNTFN	ERMCCONN	ERMCOSGS
ECSYSCHG	ERMCDDB2C	ERMCPART
EDEFCHG	ERMCDDB2E	ERMCPPIPE
EL SIGNAL	ERMCDDB2T	ERMCPRGM
EMASJOIN	ERMCDDOCT	ERMCPROF
EMASSICK	ERMCDSDNM	ERMCPRTY
EMASSTOP	ERMCCENQM	ERMCRQMD
EMASSTRT	ERMCEPAD	ERMCSDMP
EMASWELL	ERMCEPAS	ERMCTCPS
EMCICS	ERMCEVBD	ERMCTDMP
EMCONN	ERMCEVCS	ERMCTDQ
EMDBX	ERMCEVSD	ERMCTERM
EMFILE	ERMCEVSI	ERMCTRAN
EMGLBL	ERMCEVSO	ERMCTRUE
EMJRNL	ERMCFECO	ERMCTSMD
EMPROG	ERMCFEND	ERM CURIM
EMSTATUS	ERMCFEPO	ERM CWBES
EMTDQS	ERMCFETR	ERM CXMLT
EMTERM	ERMCFEFILE	ERM MCONN
EMTRAN	ERMCGLUE	ERM MFILE
EPLEXCHG	ERMCI PCN	ERM MJRNL
ERESSTAT	ERM CJRNL	ERM MPRGM
ERMCAIMD	ERM CJRNM	ERM MTDQ
ERMCA TOM	ERM CJVMS	ERM MTERM
ERMCBUND	ERMCLIBR	ERM MTRAN
	ERMCMODE	ESGRPCHG
	ERM COSGB	

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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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DB2REQCT field		in CICSGRN resource table	82	in EJCODEF resource table	264
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- in PETRGDEF resource table 406
- in FILEDEF resource table 408
- in FSEGDEF resource table 420
- in IPCONDEF resource table 461
- in JRNLDEF resource table 475
- in JRNMDEF resource table 481
- in JVMSVDEF resource table 492
- in LIBDEF resource table 495
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- in CMDT resource table 125
- in FILEDEF resource table 408
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DELETEREQ field

- in CMDT resource table 125

DELETETIME field

- in LSRPOOL resource table 533

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- in APSPEC resource table 44
- in ATTR resource table 55
- in CMTCMDEF resource table 129
- in CPLEXDEF resource table 147
- in CSYSDEF resource table 206
- in CSYSGRP resource table 210
- in EMASJOIN resource table 279
- in EMASSTOP resource table 282
- in EMASSTRT resource table 284
- in EVALDEF resource table 361
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- in CMTCMDEF resource table 129
- in CONNDEF resource table 136
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- in DB2EDEF resource table 225
- in DB2TDEF resource table 233
- in DOCDEF resource table 241
- in EJCODEF resource table 264
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- in ENQMDEF resource table 301
- in EVALDEF resource table 361
- in FENODDEF resource table 388
- in FEPOODEF resource table 400
- in FEPRODEF resource table 403
- in FETRGDEF resource table 406
- in FILEDEF resource table 408
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- in IPCONDEF resource table 461
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- in ATOMDEF resource table 49
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- in DOCDEF resource table 241
- in EJCODEF resource table 264
- in EJDJDEF resource table 275
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- in FENODDEF resource table 388
- in FEPOODEF resource table 400
- in FEPRODEF resource table 403
- in FETRGDEF resource table 406
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- in JRNLDEF resource table 475
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- in JVMSVDEF resource table 492
- in LIBDEF resource table 495
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- in APPLCTN resource table 40

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- in LSRPOOL resource table 533

DFAILCWRITE field

- in LSRPOOL resource table 533

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- in DSKJRNL resource table 249

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- in DSKJRNL resource table 249

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- in DOCINGRP resource table 244

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- in CMAS resource table 117

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DSGDSID field		DSGTCBDS field		in LIBDEF resource table	495
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in DSPMODE resource table	255	DSGTCBDU field		in LIBDEF resource table	495
in DSPPOOL resource table	257	in DSPMODE resource table	255	DSNAME04 field	
DSGDSVER field		DSGTCBDX field		in LIBDEF resource table	495
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in DSPMODE resource table	255	DSGTCBMD field		in LIBDEF resource table	495
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DSGICVRT field		DSGTCBMP field		in LIBDEF resource table	495
in DSPGBL resource table	253	in DSPMODE resource table	255	DSNAME08 field	
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CICS Transaction Server for z/OS
Version 5 Release 2
CICSplex SM Resource Tables Reference Vol 1

Publication No. SC34-7314-00

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