

CICS Transaction Server for z/OS  
Version 4 Release 1



# CICSplex SM Resource Tables Reference



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Version 4 Release 1



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**Note**

Before using this information and the product it supports, read the information in "Notices" on page 927.

This edition applies to Version 4 Release 1 of CICS Transaction Server for z/OS (product number 5655-S97) and to all subsequent releases and modifications until otherwise indicated in new editions.

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## Preface

This book describes the CICSplex<sup>®</sup> SM resource tables that can be accessed by the application programming interface (API) or the batched repository-update facility, or be named in real-time analysis EVALDEFs.

- CICSplex SM: Resource Tables Reference describes the content and format of the resource tables and some of the actions that can be issued against them.
- “CICSplex SM resource table descriptions” on page 35 contains the resource tables themselves.

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

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## 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.

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## 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.

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## Notes on terminology

In the text of this book, the term **CICSplex SM** (spelled with an uppercase letter *P*) means the CICSplex SM element of CICS<sup>®</sup> TS for z/OS<sup>®</sup>. The term CICSplex (spelled with a lowercase letter *p*) means the largest set of CICS systems to be managed by CICSplex SM as a single entity.

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## CICS system connectivity

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

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

- CICS Transaction Server for z/OS 3.1
- CICS Transaction Server for z/OS 2.3
- CICS Transaction Server for z/OS 2.2
- CICS Transaction Server for OS/390<sup>®</sup> 1.3

You can use this release of CICSplex SM to control systems running supported releases of CICS that are connected to, and managed by, your previous release of CICSplex SM. However, if you have any directly-connectable release levels of CICS, as listed above, that are connected to a previous release of CICSplex SM, you are strongly recommended to migrate them to the current release of CICSplex SM, to take full advantage of the enhanced management services. See the *CICS Transaction Server for z/OS Upgrading from CICS TS Version 3.2* for information on how to do this.

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

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

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

---

## Changes in CICS Transaction Server for z/OS, Version 4 Release 1

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 3.2*
- *CICS Transaction Server for z/OS Upgrading from CICS TS Version 3.1*
- *CICS Transaction Server for z/OS Upgrading from CICS TS Version 2.3*

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.



---

## CICSplex SM Resource class overview

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

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

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

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

---

## CICS definition resource tables

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

*Table 2. Summary of CICS definition resource tables*

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

## CICS operations resource tables

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

Table 3. Summary of CICS operations resource tables

	AIMODEL	FEPINODE	REMTDQ
	ATOMSERV	FEPPOOL	REMTRAN
	BRFACIL	FEPIDPROP	REQID
	BUNDLE	FEPITRGT	RPLLIST
	BUNDPART	HOST	RQMODEL
	CFDTPOOL	HTASK	SMFJRNL
	CICSDSA	INDTDQ	STREAMNM
	CICSPAGP	INTRATDQ	SYSDUMP
	CICSRGN	IPCONN	SYSPARM
	CICSSTOR	IPFACIL	TAPEJRNL
	CLCACHE	JRNLMODL	TASK
	CMDT	JRNLNAM	TASKESTG
	CONNECT	JVM	TASKFILE
	DBCTLSS	JVMPOOL	TASKRMI
	DB2CONN	JVMPROF	TASKTSQ
	DB2ENTRY	JVMSERV	TASKASSC
	DB2SS	LIBRARY	TCPIPGBL
	DB2THRD	LOADACT	TCPIPS
	DB2TRAN	LOADER	TDQGBL
	DB2TRN	LOCFIL	TERMNL
	DOCTEMP	LOCTRAN	TRANCLAS
	DOMSPOOL	LSRPBUF	TRANDUMP
	DSKJRNL	LSRPOOL	TSKSPOLS
	DSNAME	MASHIST	TSKSPOOL
	DSPGBL	MASSTAT	TSMODEL
	DSPMODE	MODENAME	TSPOOL
	DSPPOOL	MONITOR	TSQGBL
	EJCOBEAN	MQCON	TSQNAME
	EJCOSE	MQCONN	TSQSHR
	EJDJAR	MQINI	TSQUEUE
	EJDJBEAN	MVSESTG	UOW
	ENQMODEL	MVSTCB	UOWDSNF
	ENQUEUE	MVSTCBGL	UOWENQ
	EVCSPEC	MVSWLM	UOWLINK
	EVNTBIND	PARTNER	URIINGRP
	EVNTGBL	PIPELINE	URIMPGBL
	EXCI	PIPINGRP	URIMAP
	EXITGLUE	PROCTYP	VOLUME
	EXITTRUE	PROFILE	WEBSERV
	EXTGLORD	PROGRAM	WORKREQ
	EXTRATDQ	RECOVERY	XMLTRANS
	FEPICONN	REMFIL	



---

## CICS monitored resource tables

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

*Table 4. Summary of CICS monitored resource tables*

MCICSDSA	MJRNLNAM	MREMFIL
MCICSRGN	MLOCFIL	MREMTDQ
MCMDT	MLOCTAN	MREMTAN
MCONNECT	MLSRPBU	MTDQGBL
MDB2THRD	MLSRPOOL	MTERMNL
MFEPICON	MMODNAME	MTRANCLS
MINDTDQ	MNTRATDQ	MTSQGBL
MJOURNL	MPROGRAM	MXTRATDQ

---

## CICSplex SM definition resource tables

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

*Table 5. Summary of CICSplex SM definition resource tables*

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

---

## CICSplex SM configuration definition resource tables

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

*Table 6. Summary of CICSplex SM configuration definition resource tables*

CMTCMDEF	CPLXCMAS
CMTPMDEF	CPLXDEF

---

## CICSplex SM manager 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 CICSplex SM manager resource tables*

APACTV	CRESSLUE	EVENT
BATCHREP	CRESLPCN	EVENTDTL
CICSplex	CRESLJRN	MAS
CMAS	CRESLJRM	POLMON
	CRESLJMS	RASPROC
	CRESLIBR	RDSCPROC
CMTMMLNK	CRESMODE	RTAACTV
CMTPMLNK	CRESPART	SYSRES
	CRESPIPE	TOPOBJ
	CRESPRGM	(IBM® internal use only)
	CRESPROF	TREEDATA
	CRESPRTY	(IBM internal use only)
CRESDDB2C	CRESRQMD	TREEHEAD
CRESDDB2E	CRESSDMP	(IBM internal use only)
CRESDDB2T	CRESTCPS	WLMATAFF
	CRESTDMP	WLMATARG
CRESDOCT	CRESTDQ	WLMATGRP
CRESDSNM	CRESTERM	WLMATRAN
	CRESTRAN	WLMAWAOR
	CRESTRUE	WLMAWDEF
CRESEVBD	CRESTSMD	WLMAWORK
CRESEVCS	CRESURIM	WLMAWTOR
CRESEVCO	CRESEVCS	
CRESEVEND	CRESEVCS	
CRESEVFO	CRESEVCS	
CRESEVETR	CRESEVCS	
CRESEVFILE	CRESEVCS	

---

## CICSplex SM notification resource tables

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

*Table 8. Summary of CICSplex SM notification resource tables*

EACTNTFN	ERMCCONN	ERMCPRTY
ECSYSCHG	ERMCDDB2C	ERMCRQMD
EDEFCHG	ERMCDDB2E	ERMCSDMP
ELIGNAL	ERMCDDB2T	ERMCTCPS
EMASJOIN	ERMCDDOCT	ERMCTDMP
EMASSICK	ERMCDSDNM	ERMCTDQ
EMASSTOP	ERMCCENQM	ERMCTERM
EMASSTRT	ERMCEVBD	ERMCTRAN
EMASWELL	ERMCEVCS	ERMCTRUE
EMCICS	ERMCFECO	ERMCTSMD
EMCONN	ERMCFEND	ERMCCURIM
EMDBX	ERMCFEPO	ERMCCWEBS
EMFILE	ERMCFETR	ERMCCXMLT
EMGLBL	ERMCFILE	ERMCCONN
EMJRNL	ERMCCGLUE	ERMCCFILE
EMPROG	ERMCCPCN	ERMCCJRNL
EMSTATUS	ERMCCJRNL	ERMCCPRGM
EMTDQS	ERMCCJRNM	ERMCCTDQ
EMTERM	ERMCCJVMS	ERMCCTERM
EMTRAN	ERMCCLIBR	ERMCCTRAN
EPLEXCHG	ERMCCMODE	ESGRPCHG
ERESSTAT	ERMCCPART	
ERMCAIMD	ERMCCPIPE	
ERMCCATOM	ERMCCPRGM	
ERMCCBUND	ERMCCPROF	

---

## 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 CICSplex SM metadata resource tables*

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



---

## Resource class key attributes

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

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

Key fields are used to:

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

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

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

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

- Identify object instances in an evaluation definition.

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

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

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



---

## Special attribute and resource table considerations

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

---

### EYU\_ attributes

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

- EYU\_CICSNAME
- EYU\_CICSREL

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

---

### 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:

**FORCE** All current members of the CICS system group should have

implicit links established to the named specification. When a link already exists, it is replaced with the newly CREATED link.

**NULL** Current members of the CICS system group should have implicit links established to the named specification only if no link already exists.

**NONE** No implicit links should be established.

#### **REMOVE**

Specify one of the following:

**KEEP** All implicit links are to be converted to explicit links.

**NONE** No implicit links are to be converted to explicit links.

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

---

## **LNKSxSCS Records (LNKSMSCS, LNKSRSXS, LNKSWSXS)**

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

---

## **CSYSDEF xxxACTION and xxxSEV attributes**

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

The following values can be specified for the xxxACTION attributes:

1. The name of an action that is to be taken when this condition occurs.
2. An asterisk (\*). This allows the action to be inherited. The rules for specifying inheritance are given in "CSYSDEF Resource Table" on page 195.
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

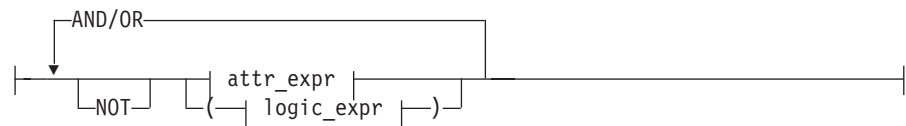
(Optional) When installing a resource group, identify attributes that are to be used in selecting the resources to be installed. CICSplex SM processes only those resources that meet the specified filter criteria.

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.

**REASSIGN**

(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  |
| • BUNNDEF  | • 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. In this book, the information for a resource table is presented in two tables: one that describes the resource table as a whole, and one that describes the individual attributes of the resource table.

---

### Resource table definition

The first 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 Transaction Server for z/OS, Version 2 Release 3

**E640** CICS TS for z/OS Version 3 Release 1

**E650** CICS TS for z/OS Version 3 Release 2

**E660** CICS TS for z/OS Version 4 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 shown below:

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

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

**Datatype**

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

When times are displayed as a formatted value, they can include fractions of a second. In the descriptions which follow, for times that include fractions of a second, *t* is tenths of seconds, *h* is hundredths of seconds, *m* is milliseconds, *i* is ten-thousandths of seconds, *j* is hundred-thousandths of seconds, and *u* is microseconds.

**Keyword**

**Description**

**ADDRESS**

Storage Address. Displayed externally as a printable hexadecimal value.

**AVERAGE**

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

**AVERAGE3**

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

**BINARY**

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

**BIT**

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

**BITSTRIP**

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

**CHAR**

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

**CODEDBIN**

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

**CVDAS**

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

**CVDAT**

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

**DATETIME**

Date Time Group. Maintained internally as a System/390® Store Clock value. Displayed externally as a 24-digit formatted value MT/DY/YYYY-HH:MM:SS.thmi. When specified in an RTA Evaluation definition (EVALDEF object), the fractions of a second (thmi) are not required. The other data must be entered exactly as specified with leading zeros, if necessary. 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 0CYDDD+ 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.thmi ju, or HHHH:MM:SS.thmi ju in an RTA Evaluation definition (EVALDEF object).

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

#### PERCENT

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

#### PERCENT3

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

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

#### RATE3

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

#### RESTYPE

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

#### SCLOCK

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

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

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

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

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

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

For more information about clocks see the CICS Performance Guide.

### SCLOCK12

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

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

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.thmi ju

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

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

### SUM3

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

## TIMESTP

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

### Source

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

#### Keyword

#### Description

#### CPSM

Using CICSplex SM services

**INQ** From CICS SPI Inquire

**STAT** From CICS SPI Statistics

**CMF** From CICS Monitor Performance class record

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

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

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

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

**Sum** Identifies the default summary option that will be used if an API GROUP command is issued. The summary option may be changed using the SUMOPT operand of GROUP. Valid values are:

#### Keyword

#### Description

**AVG** Average of values

**DIF** Different character pattern

**LIKE** Like values

**MIN** Minimum value

**MAX** Maximum value

**SUM** Sum of values

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

**Set** Whether the attribute may be modified using the API SET command. A

value of YES indicates modification is allowed. This column is only shown for CICS or Monitored CICS resources.

**Description**

1 to 30 characters of text that describes the attribute.

**Get/Set Invalid**

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

**E620** CICS TS for z/OS Version 2 Release 2

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

**E640** CICS TS for z/OS Version 3 Release 1

**E650** CICS TS for z/OS Version 3 Release 2

**Default**

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

**Value Range**

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

**Attr ID**

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

**Valid Values**

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

**Input Valid Values**

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

**Output Valid Values**

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

**Input/Output Valid Values**

Values that are valid in both cases.

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





## CICSplex SM resource table descriptions

This section of the information center contains the CICSplex SM resource table descriptions. 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.

### 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**

CICSRTAActionDefinition

**Length**

296

**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**

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	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found

Table 11. ACTION FEEDBACK error codes (continued)

4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
8	NETVIEW_NOT_FOUND	NEW CMAS not found			

Table 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
ALERTMSGSTR	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
EXTMSGSTR	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

Table 12. ACTION resource table attributes (continued)

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

## AIMODEL Resource Table

A CICS Resource that describes an autoinstall terminal model.

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

The following action is supported:

### DISCARD

Discard the autoinstall terminal model.

The DISCARD action requires no unique parameter data.

### External resource name

CICSAutoInstallModel

### Length

24

**Usage** API 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 SET	DISCARD	None	N/A

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	
<b>MODEL-1</b>	CHAR	INQ	8	DIFF	Yes	Model name	1

---

## APACTV Resource Table

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

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

The following actions are supported:

**DISCARD**

Unconditionally remove the installed definition.

**DEACTIVATE**

Remove the installed definition honoring a PERIODEF.

These actions require no unique parameter data.

**External resource name**

CICSActiveAnalysisPoint

**Length**

80

**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  
EYUt2528

Table 15. Valid CPSM operations

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

Table 16. ARACTV FEEDBACK error codes

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

Table 17. ARACTV 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
<b>ACTIVETIME-5</b>	CHAR	CPSM	8	DIFF	Yes	Period definition	6
<b>APSPEC-1</b>	CHAR	CPSM	8	DIFF	Yes	Analysis point specification	1
<b>CMAS-2</b>	CHAR	CPSM	8	DIFF	Yes	CMAS	2
CMATYPE	EYUDA	CPSM	4	LIKE	No	CMAS type	3
CMATYPE Output valid values	PRIMARY, SECONDARY						
<b>DEFNAME-3</b>	CHAR	CPSM	8	DIFF	Yes	Analysis definition	4
RATE	BINARY	CPSM	4	AVG	No	Interval between analysis activations (seconds)	8
<b>SCOPE-4</b>	CHAR	CPSM	8	DIFF	Yes	Analysis scope	5
STATUS	EYUDA	CPSM	4	LIKE	No	Definition status	9
STATUS Output valid values	ACTIVE, PENDING						

## APSPEC Resource Table

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

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

**External resource name**  
CICSActiveAnalysisPointSpecification

**Length**

112

**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**

EYUt3515

*Table 18. Valid CPSM operations*

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

*Table 19. APSPEC FEEDBACK error codes*

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

*Table 20. 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									

Table 20. APSPEC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
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
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	RTA analysis point specification			5

## ASYNCREQ Resource Table

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

There is no key field for this resource class.

There are no object specific actions for this resource class.

### External resource name

#### Length

192

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Metadata

#### Copybook identifier

EYUt2584

Table 21. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 22. ASYNCREQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ATTRDATAVAL	CHAR	CPSM	1	LIKE	Attribute data availableAttribute Ids validNo Attribute Id data	8
ATTRDATAVAL Input/output valid values	Y (YES), N (NO)					
ATTR_DTYP1	BINARY	CPSM	1	LIKE	Attribute datatypeComponent IdentifierBinary NumericBinary Derived RateBinary Derived PercentBinary Derived SumBinary Derived RatioBinary Derived AverageSystem/390 TimestampBitText Unknown LengthCharacterEYUDACVDA StandardCVDA TerminalResource TypePacked DecimalDateInternal Label FieldBinary HHMMInterval Store ClockInterval MicrosecondsInterval MillisecondsInterval 16 MicrosecondsInterval SecondsInterval Store Clock DeltaDate Time GroupPacked Decimal TimestampAddressCoded NumericNon Display CharacterHexadecimalTable versionBinary derived rate 3DPBinary derived percent 3DPBinary derived sum 3DPBinary derived average 3DPPacked Decimal Time - No TenthsInterval Store Clock Length 12	21
ATTR_DTYP1 Input/output valid values	0 (COMP), 4 (BIN), 8 (RATE), 12 (PER), 16 (SUM), 20 (RATO), 24 (AVG), 28 (TSTP), 32 (BIT), 36 (TEXT), 40 (CHAR), 44 (EYUD), 48 (CVDS), 52 (CVDT), 56 (REST), 60 (PACK), 64 (DATE), 68 (ILBL), 72 (HHMM), 76 (SCLK), 80 (IUSC), 84 (IMSC), 88 (16US), 92 (ISEC), 96 (IUSS), 100 (DTGP), 104 (DECT), 108 (ADDR), 112 (CNUM), 116 (HCHR), 120 (HEX), 124 (TBLV), 128 (RAT3), 132 (PER3), 136 (SUM3), 140 (AVG3), 144 (DECS), 152 (SC12)					
ATTR_DTYP2	BINARY	CPSM	1	LIKE	Attribute datatype	26
ATTR_DTYP3	BINARY	CPSM	1	LIKE	Attribute datatype	31
ATTR_DTYP4	BINARY	CPSM	1	LIKE	Attribute datatype	36
ATTR_DTYP5	BINARY	CPSM	1	LIKE	Attribute datatype	41
ATTR_LEN1	BINARY	CPSM	2	LIKE	Attribute length	23
ATTR_LEN2	BINARY	CPSM	2	LIKE	Attribute length	28
ATTR_LEN3	BINARY	CPSM	2	LIKE	Attribute length	33
ATTR_LEN4	BINARY	CPSM	2	LIKE	Attribute length	38
ATTR_LEN5	BINARY	CPSM	2	LIKE	Attribute length	43
ATTR_NM1	CHAR	CPSM	12	LIKE	Attribute name	19
ATTR_NM2	CHAR	CPSM	12	LIKE	Attribute name	24
ATTR_NM3	CHAR	CPSM	12	LIKE	Attribute name	29
ATTR_NM4	CHAR	CPSM	12	LIKE	Attribute name	34
ATTR_NM5	CHAR	CPSM	12	LIKE	Attribute name	39
ATTR_OFF1	BINARY	CPSM	2	LIKE	Attribute offset	20
ATTR_OFF2	BINARY	CPSM	2	LIKE	Attribute offset	25
ATTR_OFF3	BINARY	CPSM	2	LIKE	Attribute offset	30
ATTR_OFF4	BINARY	CPSM	2	LIKE	Attribute offset	35
ATTR_OFF5	BINARY	CPSM	2	LIKE	Attribute offset	40
ATTR_RID1	BINARY	CPSM	1	LIKE	Attribute relative ID	22
ATTR_RID2	BINARY	CPSM	1	LIKE	Attribute relative ID	27
ATTR_RID3	BINARY	CPSM	1	LIKE	Attribute relative ID	32
ATTR_RID4	BINARY	CPSM	1	LIKE	Attribute relative ID	37
ATTR_RID5	BINARY	CPSM	1	LIKE	Attribute relative ID	42
CEIBDATAVAL	CHAR	CPSM	1	LIKE	EIB data availableEIB data validNo EIB data	9
CEIBDATAVAL Input/output valid values	Y (YES), N (NO)					



Table 22. ASYNCREQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CEIBFN	HEX	CPSM	4	MIN	EIBFN value from CICS	16
CEIBRESP	BINARY	CPSM	4	LIKE	RESP response from CICS	14
CEIBRESP1	BINARY	CPSM	4	LIKE	RESP2 response from CICS	15
COMMAND	BINARY	CPSM	1	LIKE	Command codeNOOPCancelConnectCopyCreateDeleteDiscardDisconnectFetchGetLocateMarkOrder byPerform SetPerform ObjectQualifyQueryReceiveRemoveSpecify FilterUnmarkAddressGetdefListenRefreshSetSpecify ViewTerminateTranslateGroup byUpdate	7
COMMAND Input/output valid values	1 (NOOP), 2 (CANCEL), 3 (CONNECT), 4 (COPY), 5 (CREATE), 6 (DELETE), 7 (DISCARD), 8 (DISCONN), 9 (FETCH), 10 (GET), 11 (LOCATE), 12 (MARK), 13 (ORDER), 14 (PERFSET), 15 (PERFOBJ), 16 (QUALIFY), 17 (QUERY), 18 (RECEIVE), 19 (REMOVE), 20 (FILTER), 21 (UNMARK), 22 (ADDRESS), 23 (GETDEF), 24 (LISTEN), 25 (REFRESH), 26 (SET), 27 (VIEW), 28 (TERM), 29 (TRANS), 30 (GROUP), 31 (UPDATE)					
COUNT	BINARY	CPSM	4	LIKE	GET COUNT() value	47
CSDAPI	CHAR	CPSM	1	LIKE	CSD APICSD API related requestnon-CSD API related request	48
CSDAPI Input/output valid values	Y (YES), N (NO)					
DIAGNOSTIC	BINARY	CPSM	32	LIKE	Internal diagnostic data	46
ERRCODEVAL	CHAR	CPSM	1	LIKE	Error code availableError Code validNo Error Code Data	10
ERRCODEVAL Input/output valid values	Y (YES), N (NO)					
ERROR_CODE	BINARY	CPSM	4	LIKE	Error code	13
OBJECT	CHAR	CPSM	8	LIKE	Name of object	17
OBJECT_ACT	CHAR	CPSM	12	LIKE	Action performed	18
REASON	BINARY	CPSM	4	LIKE	Command reason	12
RESPONSE	BINARY	CPSM	4	LIKE	Command response	11
RESULTSET	BINARY	CPSM	4	LIKE	Result set token	5
RSLTRECID	BINARY	CPSM	4	LIKE	Result set record ID	45
RSRVED01	BINARY	CPSM	2	LIKE	Reserved area	44
USERTOKEN	CHAR	CPSM	4	LIKE	User token	6

## 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.

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6183

Table 23. Valid CPSM operations

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

Table 24. ATMINGRP FEEDBACK error codes

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

Table 25. ATMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
<b>ATMGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>ATMNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	AtomService definition name	6
<b>ATMVER-3</b>	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

## 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:

### ADDTOGRP

Add a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

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

### CSDINSTALL

Install a CICS CSD resource definition into an active system.

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

### INSTALL

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

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 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 26. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 26. Valid CPSM operations (continued)

GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES NO)	No
		MODE(value)	No
		NOTIFY(NO INACTIVE REMOVE REPLACE FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET RELATED NONE 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 27. 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
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				5
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	25

Table 27. ATOMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	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
RESOURCETYPE	CVDAS	CPSM	4	Yes	LIKE	No	Resource type	NOTAPPLIC			15
RESOURCETYPE 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

## 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

656

**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**

EYUt0180

Table 28. Valid CPSM operations

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

Table 29. ATOMSERV resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
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	256	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, CREATESPI, 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

Table 29. ATOMSERV resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
CONFIGFILE	CHAR	CPSM	256	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
ENABLESTATUS	CVDAS	CPSM	4	LIKE	Yes	Enabled status		2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED							
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		5
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST							
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		16
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		15
<b>NAME-1</b>	CHAR	INQ	8	DIFF	Yes	Name		1
RESOURCENAME	CHAR	CPSM	16	DIFF	No	Resource name		6
RESOURCE TYPE	CVDAS	CPSM	4	LIKE	No	Resource type		4
RESOURCE TYPE Input/output valid values	FILE, PROGRAM, TSQUEUE, N_A							

## ATTRAVA Resource Table

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

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

**External resource name**

CICSAttributeValueAssertion

**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 30. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 31. ATTRAVA resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
<b>AVAValue-4</b>	CHAR	CPSM	16	DIFF	Yes	Attribute valid value	7
IOTYPE	CHAR	CPSM	1	DIFF	No	Valid I/O operationINPUT and OutputINPUT operationOUTPUT operation	9
IOTYPE Input/output valid values	B (B), I (I), O (O)						
LISTTYPE	BINARY	CPSM	1	AVG	No	Valid value typeAVAValue is an AVAAVAValue is a VALUE	8
LISTTYPE Input/output valid values	1 (AVA), 2 (VALUE)						
<b>NAME-3</b>	CHAR	CPSM	12	DIFF	Yes	Attribute name	6
<b>OBJECT-1</b>	CHAR	CPSM	8	DIFF	Yes	Object name	4
<b>TABLEVER-2</b>	BINARY	CPSM	2	AVG	Yes	Object table version	5

## ATTR Resource Table

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

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

**External resource name**

CICSMetaDataAttribute

**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 32. Valid CPSM operations

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



Table 33. ATTR resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
AVAAVAIL	CHAR	CPSM	1	DIFF	No	AVA set availableValue assertionsNo values	17
AVAAVAIL Input/output valid values	Y (YES), N (NO)						
AVACOUNT	BINARY	CPSM	1	AVG	No	Number of AVAs present	23
CICSSETAVAIL	CHAR	CPSM	1	DIFF	No	CICS set validity availableCICS Set Validity data presentNo CICS Set Validity data	48
CICSSETAVAIL Input/output valid values	Y (YES), N (NO)						
CICSVALAVAIL	CHAR	CPSM	1	DIFF	No	CICS validity data availableCICS Validity activeNo CICS Validity data	18
CICSVALAVAIL Input/output valid values	Y (YES), N (NO)						
DATATYPE	CHAR	CPSM	8	DIFF	No	Data type	10
DEFAULT	CHAR	CPSM	16	DIFF	No	Default value	46
DESC	CHAR	CPSM	50	DIFF	No	Attribute description	45
FILTER	CHAR	CPSM	1	DIFF	No	Attribute eligible for filteringFilter by field allowedFilter by field not allowed	50
FILTER Input/output valid values	Y (YES), N (NO)						
HDRTXT	CHAR	CPSM	30	DIFF	No	Attribute header text	44
HDRTXTAVAIL	CHAR	CPSM	1	DIFF	No	Header text availableHeader data activeNo header data	19
HDRTXTAVAIL Input/output valid values	Y (YES), N (NO)						
HIGHVALUE	CHAR	CPSM	16	DIFF	No	Highest valid value	43
ID	BINARY	CPSM	2	LIKE	No	Attribute id	57
IDATATYPE	BINARY	CPSM	1	LIKE	No	ReservedComponent IdentifierBinary NumericBinary Derived RateBinary Derived PercentBinary Derived SumBinary Derived RatioBinary Derived AverageSystem/370 TimestampBitTextCharacterEYUDACVDA StandardCVDA TerminalResource TypePacked DecimalDateInternal Label FieldBinary HHMMInterval Store ClockInterval MicrosecondsInterval MillisecondsInterval 16 MicrosecondsInterval SecondsInterval Store Clock deltaDate Time GroupPacked Decimal TimestampAddressCoded NumericNon Display CharacterHexadecimalTable versionBinary derived rate 3DPBinary derived percent 3DPBinary derived sum 3DPBinary derived average 3DPPacked Decimal Time - No TenthsInterval Store Clock Length 12String of bit flags	54
IDATATYPE Input/output valid values	0 (COMP), 4 (BIN), 8 (RATE), 12 (PER), 16 (SUM), 20 (RATO), 24 (AVG), 28 (TSTP), 32 (BIT), 36 (TEXT), 40 (CHAR), 44 (EYUD), 48 (CVDS), 52 (CVDT), 56 (REST), 60 (PACK), 64 (DATE), 68 (ILBL), 72 (HHMM), 76 (SCLK), 80 (IUSC), 84 (IMSC), 88 (16US), 92 (ISEC), 96 (IUSS), 100 (DTGP), 104 (DECT), 108 (ADDR), 112 (CNUM), 116 (HCHR), 120 (HEX), 124 (TVER), 128 (RAT3), 132 (PER3), 136 (SUM3), 140 (AVG3), 144 (DECS), 152 (SC12), 156 (BITS)						

Table 33. ATTR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
IGNVALUE	CHAR	CPSM	16	DIFF	No	Ignore value	41
INHERIT	CHAR	CPSM	1	DIFF	No	Attribute may participate in inheritance Inherit supported Inherit not supported	53
INHERIT Input/output valid values	Y (YES), N (NO)						
KEY	CHAR	CPSM	1	DIFF	No	Key participation	22
LENGTH	BINARY	CPSM	2	AVG	No	Attribute length	8
LOWVALUE	CHAR	CPSM	16	DIFF	No	Lowest valid value	42
<b>NAME-3</b>	CHAR	CPSM	12	DIFF	Yes	Attribute name	6
<b>OBJECT-1</b>	CHAR	CPSM	8	DIFF	Yes	Object name	4
OFFSET	BINARY	CPSM	2	AVG	No	Attribute offset	9
PICKLIST	CHAR	CPSM	1	DIFF	No	Attribute eligible for picklist Picklist supported Picklist not supported	58
PICKLIST Input/output valid values	Y (YES), N (NO)						
REQUIRED	CHAR	CPSM	1	DIFF	No	Attribute is required Required for Create Optional on Create	16
REQUIRED Input/output valid values	Y (YES), N (NO)						
SETCICSES2	BIT	CPSM	1	LIKE	No	Not modifiable in CICS/ESA byte 2 CICS for MVS/ESA 630 CICS for MVS/ESA 640 CICS for MVS/ESA 650 CICS for MVS/ESA 660	56
SETCICSES2 Input/output valid values	128 (E630), 64 (E640), 32 (E650), 16 (E660)						
SETCICSESA	BIT	CPSM	1	LIKE	No	Not modifiable in CICS/ESACICS/MVS 212CICS/ESA 330CICS/ESA 410CICS for MVS/ESA 510CICS for MVS/ESA 520CICS for MVS/ESA 530CICS for MVS/ESA 610CICS for MVS/ESA 620	33
SETCICSESA Input/output valid values	128 (M212), 64 (E330), 32 (E410), 16 (E510), 8 (E520), 4 (E530), 2 (E610), 1 (E620)						
SETCICSOS2	BIT	CPSM	1	LIKE	No	Not modifiable in CICS OS/2 CICS OS/2 201CICS OS/2 300CICS OS/2 310	35
SETCICSOS2 Input/output valid values	128 (O201), 64 (O300), 32 (O311)						
SETCICSVSE	BIT	CPSM	1	LIKE	No	Not modifiable in CICS/VSECICS/VSE 220CICS/VSE 230CICS/VSE 410	34
SETCICSVSE Input/output valid values	128 (V220), 64 (V230), 32 (V410)						
SETCICSWNT	BIT	CPSM	1	LIKE	No	Not modifiable in CICS for Windows CICS for Windows 430CICS for Windows 500	38
SETCICSWNT Input/output valid values	128 (N430), 64 (N500)						
SETVALID	CHAR	CPSM	1	DIFF	No	Attribute may be set Value may be modified No modification	15

Table 33. ATTR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SETVALID Input/output valid values	Y (YES), N (NO)						
SORT	CHAR	CPSM	1	DIFF	No	Attribute eligible for sortingSort by field allowedSort by field not allowed	49
SORT Input/output valid values	Y (YES), N (NO)						
SOURCE	CHAR	CPSM	1	DIFF	No	Source of attribute	21
SUMMARIZE	CHAR	CPSM	1	DIFF	No	Attribute eligible for groupingGroup by field allowedGroup by field not allowed	51
SUMMARIZE Input/output valid values	Y (YES), N (NO)						
SUMOPT	CHAR	CPSM	4	DIFF	No	Default summary option	11
<b>TABLEVER-2</b>	BINARY	CPSM	2	AVG	Yes	Object table version	5
UCHAR	CHAR	CPSM	1	DIFF	No	Uppercase character valuesUppercase charactersDo not uppercase characters	47
UCHAR Input/output valid values	Y (YES), N (NO)						
VALCICES2	BIT	CPSM	1	LIKE	No	Not valid in CICS/ESA byte 2CICS for MVS/ESA 630CICS for MVS/ESA 640CICS for MVS/ESA 650CICS for MVS/ESA 660	55
VALCICES2 Input/output valid values	128 (E630), 64 (E640), 32 (E650), 16 (E660)						
VALCICESA	BIT	CPSM	1	LIKE	No	Not valid in CICS/ESACICS/MVS 212CICS/ESA 330CICS/ESA 410CICS for MVS/ESA 510CICS for MVS/ESA 520CICS for MVS/ESA 530CICS for MVS/ESA 610CICS for MVS/ESA 620	25
VALCICESA Input/output valid values	128 (M212), 64 (E330), 32 (E410), 16 (E510), 8 (E520), 4 (E530), 2 (E610), 1 (E620)						
VALCICSOS2	BIT	CPSM	1	LIKE	No	Not valid in CICS OS/2CICS OS/2 201CICS OS/2 300CICS OS/2 310	27
VALCICSOS2 Input/output valid values	128 (O201), 64 (O300), 32 (O311)						
VALCICSVSE	BIT	CPSM	1	LIKE	No	Not valid in CICS/VSECICS/VSE 220CICS/VSE 230CICS/VSE 410	26
VALCICSVSE Input/output valid values	128 (V220), 64 (V230), 32 (V410)						
VALCICSWNT	BIT	CPSM	1	LIKE	No	Not valid in CICS for WindowsCICS for Windows 430CICS for Windows 500	30
VALCICSWNT Input/output valid values	128 (N430), 64 (N500)						
VALCOUNT	BINARY	CPSM	1	AVG	No	Number of values present	24
VALSETAVAIL	CHAR	CPSM	1	DIFF	No	Value set availableValue set activeNo value set	20

Table 33. ATTR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
VALSETAVAIL Input/output valid values	Y (YES), N (NO)						
VIEWMOD	CHAR	CPSM	1	DIFF	No	Attribute may appear in a viewSPECIFY VIEW allowedSPECIFY VIEW not allowed	52
VIEWMOD Input/output valid values	Y (YES), N (NO)						

## BATCHREP Resource Table

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

The key for this resource class is a composite element.

The following actions are supported:

### CHECK

Check input parameters for a batched repository-update job.

The parameter data for the CHECK action is:

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

where:

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

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

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

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

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

### EXECUTE

Execute a batched repository-update job.

The parameter data for the EXECUTE action is:

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

where:

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

membername = When using a PDS, the name of the member that

contains the input parameters to the batched repository-update job.

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

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

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

**External resource name**

CICSBatchrepRequest

**Length**

80

**Usage** API 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 34. Valid CPSM operations

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

Table 35. BATCHREP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	DUPLICATE_REQUEST	Duplicate request for this input data set and member	2	STORAGE_FAILURE	Failure to obtain storage for job
3	PRINT_FAILURE	Failure during print processing	4	INPUT_SEC_VIOLATION	Security violation with input data set
5	SPOOL_UNAVAILABLE	Spool found to be not available	6	DATASET_NOT_FOUND	Input data set not found

Table 35. BATCHREP FEEDBACK error codes (continued)

7	OUTPUT_SEC_VIOLATION	Output violation with output data set	8	PRINTNODE_NOT_FOUND	Print node is required but not specified
9	OUTPUTUSER_NOT_FOUND	Output user is required but not specified	10	INV_INPUTMEMBER	Invalid input member
11	INV_INPUTDSN	Invalid input data set name	12	INV_PRINTCLASS	Invalid output class
13	INV_PRINTNODE	Invalid print node	14	INV_OUTPUTUSER	Invalid destination user ID

Table 36. 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							

## BINCONRS Resource Table

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

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

There are no object specific actions for this resource class.

### External resource name

#### Length

144

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

**Object type**  
CICSplex SM Metadata  
**Copybook identifier**  
EYUt2619

Table 37. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 38. 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						
<b>CANDNAME-2</b>	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						
<b>CANDVER-3</b>	BINARY	CPSM	1	LIKE	Yes	Candidate resource version	11
<b>CICSNAME-1</b>	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 Add System to System Group Add Definition to Group Update Definition in Group Add RASINDSC Add RESINDSC Update RASGNDEF Update RASINDSC Update RESDESC Install Scope Update RESDESC	8
ERROP Input/output valid values	1 (ADDSYS), 2 (ADDTGRP), 3 (UPDINGRP), 4 (ADDRASI), 5 (ADDRESSI), 6 (UPDRASG), 7 (UPDRASI), 8 (UPDRESI), 9 (UPDRDSC)						
EXISTASGOVR	EYUDA	CPSM	4	LIKE	No	Existing resource assignment override	29
EXISTASGOVR Output valid values	NO, YES						
EXISTNAME	CHAR	CPSM	8	LIKE	No	Existing resource name	20
EXISTRASG	CHAR	CPSM	8	LIKE	No	Existing resource assignment	23
EXISTRDSC	CHAR	CPSM	8	LIKE	No	Existing resource description	24
EXISTRGRP	CHAR	CPSM	8	LIKE	No	Existing resource group	22
EXISTSGRP	CHAR	CPSM	8	LIKE	No	Existing system group	27
EXISTTYPE	EYUDA	CPSM	4	LIKE	No	Existing system type	28
EXISTTYPE Output valid values	TARGET, RELATED						
EXISTUSAGE	EYUDA	CPSM	4	LIKE	No	Existing resource assignment usage	26

Table 38. BINCONRS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EXISTUSAGE Output valid values	LOCAL, REMOTE, ASIS						
EXISTVER	BINARY	CPSM	1	LIKE	No	Existing resource version	21
PLEXNAME	CHAR	CPSM	8	LIKE	No	CICSplex name	5
RESTYPE	CHAR	CPSM	8	LIKE	No	Resource type	7

## BINCONSC Resource Table

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

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

There are no object specific actions for this resource class.

### External resource name

#### Length

80

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Metadata

#### Copybook identifier

EYUt2620

Table 39. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 40. 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 Target/Related scopes are same Target Scope is in Related Scope is in Target CICSNAME in Target and Related Multiple Systems in Related System has no SYSID	7



Table 40. BINCONSC resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ERRCODE Input/output valid values	1 (SAMESCP), 2 (TRGINREL), 3 (RELINTRG), 4 (SYSNBOTH), 5 (MULTREL), 6 (RELNOSYS)						
ERROP	BINARY	CPSM	1	LIKE	No	Error operationAdd RASINDSCUpdate RASGNDEFUpdate RASINDScUpdate RESDESCAdd System to Group	6
ERROP Input/output valid values	1 (ADDRASI), 2 (UPDRASG), 3 (UPDRASI), 4 (UPDRDSC), 5 (ADDSYS)						
PLEXNAME	CHAR	CPSM	8	LIKE	No	CICSplex name	5
RELRASG	CHAR	CPSM	8	LIKE	No	Resource assignment for related scope	13
RELRDSC	CHAR	CPSM	8	LIKE	No	Resource description for related scope	14
<b>RELScope-2</b>	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
<b>TARGScope-1</b>	CHAR	CPSM	8	LIKE	Yes	Target scope name	9

## BINSTERR Resource Table

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

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

There are no object specific actions for this resource class.

### External resource name

#### Length

48

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Metadata

#### Copybook identifier

EYUt2616

Table 41. Valid CPSM operations

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

Table 42. BINSTERR resource table attributes

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

## BRFACIL Resource Table

A CICS Resource that describes a LINK3270 bridge facility.

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

The following action is supported:

### RELEASE

Mark an active bridge facility for deletion.

### External resource name

CICSBridgeFacility

### Length

88

**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**  
EYUt0111

Table 43. Valid CPSM operations

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

Table 44. 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
<b>NAME-1</b>	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

## 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:

### ADDTGRP

Add a resource to the specified resource group.

**CSDCOPY**

Copy a CICS CSD resource definition.

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

**CSDINSTALL**

Install a CICS CSD resource definition into an active system.

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

**INSTALL**

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

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 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 45. 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 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

Table 45. Valid CPSM operations (continued)

ADDTOGRP	RESGROUP(value)	Yes
CSDINSTALL	None	N/A
CSDCOPY	AS_RESOURCE(value)	No
	DUPACTION(DUPERROR   DFN   NONOREPLACE   DUPREPLACE)	
	TO_CSDGROUP(value)	No

Table 46. BUNDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	BUNDLE_NAME	Invalid Bundle name.	56	INV_CSDGROUP	Invalid CSD group

Table 46. BUNDEF FEEDBACK error codes (continued)

57	REC_NOT_REMOVED	Record not removed	58	INV_RESOURCE	Invalid resource
59	INV_CICS_RESTYPE	Invalid CICS restype	60	PARTIAL_ACTION	Partial action
61	NOTHING_ACTIONED	Nothing actioned	62	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
63	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required	64	CSD_ERROR	CSD error

Table 47. BUNDEF 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 HFS				19
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	4
CHANGEAGENT	DREPAPI Input/output valid values										
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
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	21
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	0-99999999		16
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				18
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				12
STATUS	CV DAS	CPSM	4	Yes	LIKE	No	Enabled Status	ENABLED			17
STATUS	ENABLED, DISABLED Input/output valid values										

Table 47. BUNDEF resource table attributes (continued)

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

## 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:

### 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.

### External resource name

CICSBundle

### Length

616

**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

EYUt0182

Table 48. Valid CPSM operations

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

Table 48. Valid CPSM operations (continued)

PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A
	DISCARD	None	N/A

Table 49. BUNDLE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
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 HFS		12
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							
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		11
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		7
<b>NAME-1</b>	CHAR	INQ	8	DIFF	Yes	Name		1
PARTCOUNT	BINARY	INQ	4	SUM	No	Part count		16
TARGETCOUNT	BINARY	INQ	4	SUM	No	Target count		17

## 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. 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**  
808

**Usage** API or EVALDEF

**API view**  
Yes

**CMAS context**  
No

**SCOPE applies**  
Yes

**Only query CMASs in workload**  
No

**Object type**  
CICS Resource

**Copybook identifier**  
EYUt0191

Table 50. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 51. BUNDPART 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	
<b>BUNDLE-1</b>	CHAR	INQ	8	DIFF	Yes	Bundle name	1
<b>BUNDPART-2</b>	CHAR	INQ	255	DIFF	Yes	Bundle resource name	2
ENABLESTATUS	CV DAS	INQ	4	LIKE	No	Resource status	4
ENABLESTATUS Output valid values	ENABLED, DISABLED, ENABLING, DISABLING, DISCARDING, UNUSABLE						
METADATAFILE	CHAR	INQ	255	DIFF	No	Relative HFS path to resource description file	6
PARTCLASS	CV DAS	INQ	4	LIKE	No	Resource class	5
PARTCLASS Output valid values	DEFINITION, EXPORT, IMPORT						
PARTTYPE	CHAR	INQ	255	DIFF	No	Resource type URI	7
<b>SEQNUMBER-3</b>	BINARY	CPSM	4	MAX	No	Browse sequence number	9

## 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 BUNDGROUP.

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6184

Table 52. Valid CPSM operations

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

Table 53. BUNINGRP FEEDBACK error codes

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

Table 54. BUNINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
<b>BUNGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>BUNNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Bundle definition name	6
<b>BUNVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	Bundle 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

## 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 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 55. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 56. 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						
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Yes	Pool name	1

## CICSDSA Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

CICSDynamicStorageArea

**Length**

312

**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**

EYUt0002

Table 57. Valid CPSM operations

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

Table 58. CICSDSA FEEDBACK error codes

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

Table 59. CICSDSA resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ACCESSTYPE	EYUDA	STAT	4	LIKE	No	Storage key		22
ACCESSTYPE Output valid values	CICS, USER, READONLY							
ASACTIVE	BINARY	STAT	8	AVG	No	Current address space storage that is addressable	E640	48
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 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	E410PLUS	45
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	AVG	No	Peak DSA allocation		39
HWMASACTIVE	BINARY	STAT	8	AVG	No	The HWM address space that can be addressed	E640	49
HWCMNSSUSRS	BINARY	STAT	4	AVG	No	Peak number of common subspace users		37
HWMFREE	BINARY	CPSM	8	AVG	No	Peak amount of free storage available		30
HWMGDSAACTIVE	BINARY	STAT	8	AVG	No	The peak GDSA active	E640	51
HWMUNQSSUSRS	BINARY	STAT	4	AVG	No	Peak number of unique subspace users		34
LIMIT	BINARY	STAT	8	AVG	Yes	Maximum size of DSA		24
LOCATION	EYUDA	STAT	4	LIKE	No	Dynamic storage area (DSA) location		21
LOCATION Output valid values	ABOVE, BELOW, ABOVEBAR							
LWMFREE	BINARY	CPSM	8	AVG	No	Smallest amount of free storage available		31

Table 59. CICSDSA resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
MEMLIMIT	CNUMERIC	STAT	8	AVG	No	Maximum amount of above the bar storage	E640	46
<b>NAME-1</b>	CHAR	STAT	8	DIFF	Yes	Dynamic storage area (DSA)		1
NSTGCURR	BINARY	STAT	4	AVG	No	Number of current suspended storage requests		11
NSTGTOTL	BINARY	STAT	4	AVG	No	Number of times NOSTORAGE returned		9
PCTFREE	PERCENT	CPSM	4	AVG	No	Percentage of available total storage		26
PGMONIU	BINARY	STAT	4	AVG	No	Storage occupied by not-in-use programs		4
POOLPCTFREE	PERCENT	CPSM	4	AVG	No	Percentage of available pool storage		25
REQSWAITMVS	BINARY	STAT	4	AVG	No	Number of requests for MVS storage causing wait		44
RNTPGPROTECT	CV DAS	STAT	4	LIKE	No	Reentrant program protection status		28
RNTPGPROTECT Output valid values	REENTPROT, NOREENTPROT							
SIZE	BINARY	INQ	8	AVG	No	Subpool size		2
STGCRELC	BINARY	STAT	4	AVG	No	Number of times cushion released		14
STGFSIZE	BINARY	STAT	8	AVG	No	Free storage size		18
STGHWM	BINARY	STAT	8	AVG	No	Peak size of DSA		23
STGLSIZE	BINARY	STAT	8	AVG	No	Largest free area size		19
STGNSUBP	BINARY	STAT	4	AVG	No	Number of current subpools		17
STGPROTECT	CV DAS	STAT	4	LIKE	No	Storage protection status		27
STGPROTECT Output valid values	ACTIVE, INACTIVE							
STGPWCNT	BINARY	STAT	4	AVG	No	Number of tasks purged while waiting		13
STGSHWM	BINARY	STAT	4	AVG	No	Peak number of suspended storage requests		12
STGSOSC	BINARY	STAT	4	AVG	No	Short on storage count		15
STGSOST	INTTSTP	STAT	8	MAX	No	Total time CICS was short on storage		16
STGSTOTL	BINARY	STAT	4	AVG	No	Number of times requests were suspended		10
STGVTOTL	BINARY	STAT	4	AVG	No	Number of storage violations		20
TIMWAITMVS	INTTSTP	STAT	8	AVG	No	Total time waiting for MVS storage		43
TRNISOLATION	CV DAS	STAT	4	LIKE	No	Transaction isolation status		29
TRNISOLATION Output valid values	ACTIVE, INACTIVE							

## CICSPAGP Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

CICSPagePool

**Length**

312

**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**

EYUt0130

Table 60. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 61. 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

Table 61. CICSPAGP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
PPCTFREE	PERCENT3	CPSM	4	AVG	No	Peak size of free storage as percentage of total	52
PPCTSTGDSA	PERCENT3	CPSM	4	AVG	No	Peak DSA storage as percentage of total peak	50
RATECREL	RATE3	CPSM	8	AVG	No	Rate of cushion releases	61
RATEEXTSA	RATE3	CPSM	8	AVG	No	Rate of extent increase	64
RATEEXTSR	RATE3	CPSM	8	AVG	No	Rate of releasing extents	65
RATEFM	RATE3	CPSM	8	AVG	No	Rate of FREEMAIN requests	55
RATEGM	RATE3	CPSM	8	AVG	No	Rate of GETMAIN requests	54
RATESTORVIOL	RATE3	CPSM	8	AVG	No	Rate of storage violations	63
SMSACCESS	EYUDA	STAT	4	LIKE	No	Type of access of DSA	24
SMSACCESS Output valid values	CICS, USER, READONLY						
SMSASR	BINARY	STAT	4	AVG	No	Number of ADD_SUBPOOL requests	30
SMSCREL	BINARY	STAT	4	AVG	No	Number of cushion releases	36
SMSCRISS	BINARY	STAT	4	AVG	No	Number of requests returning no storage	32
SMSCSIZE	BINARY	STAT	4	AVG	No	Current cushion size	27
SMSCSSCUM	BINARY	STAT	4	AVG	No	Total number of common subspace users	15
SMSCSSCUR	BINARY	STAT	4	AVG	No	Current number of common subspace users	14
SMSCSSHWM	BINARY	STAT	4	AVG	No	Peak number of common subspace users	16
SMSCSUBP	BINARY	STAT	4	AVG	No	Current number of subpools	40
SMSDSABYTES	BINARY	STAT	8	AVG	No	Current size of DSA in bytes	71
SMSDSALIMIT	BINARY	STAT	4	AVG	No	Current DSA limit	17
<b>SMSDSANAME-1</b>	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
SMSHWMDSASZ	BINARY	STAT	4	AVG	No	Peak DSA size	26
SMSHWMDSATOT	BINARY	STAT	4	AVG	No	Peak storage allocated to DSAs	21
SMSHWMEDSATO	BINARY	STAT	4	AVG	No	Peak storage allocated to EDSAs	22
SMSHWMFSTG	BINARY	STAT	4	AVG	No	Peak size of free storage	42
SMSHWMSS	BINARY	STAT	4	AVG	No	Peak number of requests suspended	34
SMSLFA	BINARY	STAT	4	AVG	No	Largest free area in DSA	44
SMSLOCN	EYUDA	STAT	4	LIKE	No	Location above/below 16M or above the bar	23



Table 61. CICSPAGP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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						
SMSTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short-on-storage (SOS)	39
SMSUCSS	BINARY	STAT	4	AVG	No	Number of conditional requests suspended	33
SMSUSSCUM	BINARY	STAT	4	AVG	No	Total of unique subspace users	12
SMSUSSCUR	BINARY	STAT	4	AVG	No	Current number of unique subspace users	11
SMSUSSHWM	BINARY	STAT	4	AVG	No	Peak number of unique subspace users	13

## CICSPLEX Resource Table

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

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

**External resource name**

CICSCICSplex

**Length**

56

**Usage** API 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 62. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 63. 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
<b>CMASNAME-2</b>	CHAR	CPSM	8	DIFF	Yes	CMAS		5
MPSTATUS	EYUDA	CPSM	4	LIKE	No	CMAS maintenance point status		9
MPSTATUS Output valid values	YES, NO							
<b>PLEXNAME-1</b>	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
TRANSITCNT	BINARY	CPSM	2	AVG	No	For indirect access CMAS, number of transit CMASs		11
UPDATERS	BINARY	CPSM	1	DIFF	No	RS server update frequency	15	14

## 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.
```

#### **SWITCH**

Switch auxiliary tracing from one data set to the other.

#### **External resource name**

CICSRegion

#### **Length**

992

**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**

EYUt0001

Table 64. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	SHUTDOWN	DUMP	No
		IMMEDIATE	No
		NORESTART	No
		NORMAL	No
		NOSDTRAN	No
		PLT(value)	No
		SDTRAN(value)	No
		TAKEOVER	No
		XLT(value)	No
	SNAP	CALLER(value)	No
		DUMPCODE(value)	Yes
		TITLE(value)	No
	SWITCH	None	N/A
	RESETTIME	None	N/A
	SECREBUILD	None	N/A
	DELETSHIPPED	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
		JRNLNNAME	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

Table 64. Valid CPSM operations (continued)

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

Table 65. CICS RGN FEEDBACK error codes

Value	Code	Description	Value	Code	Description
12	INV_CONTEXT	Context not found	21	ACTNOT_SUPPORTED	ARM not supported
22	RESOURCE_REQUIRED	Resource required	23	SYSTEM_NOT_ACTIVE	System not active
24	ARM_NOT_AVAILABLE	ARM invalid for Operating System	25	ARM_NOT_AVAILABLE_CICS_RELEASE	ARM invalid for CICS Release
26	ARM_NOT_REGISTERED	ARM not registered for ARM	27	ARM_NOT_ACTIVE	ARM restart unavailable - ARM not active on system
28	ARM_POLICY_CHECK_FAILED	Current ARM policy prohibits ARM restart of this MAS	29	ALL_REQUIRED	Collect all statistics required
30	INVALID_DUMPCODE	Invalid dumpcode	31	ARM_NOT_IN_SMSSTRMRESTART	ARMRESTART not available in an SMSS

Table 66. CICS RGN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ACTHPTCBS	BINARY	INQ	4	AVG	No	Number of currently allocated HP pool TCBs	E640P	163
ACTJVMTCBS	BINARY	INQ	4	AVG	No	Number of currently allocated JVM pool TCBs		165
ACTOPENTCBS	BINARY	INQ	4	AVG	No	Number of currently allocated Open pool TCBs		155

Table 66. CICS/SGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
ACTXPTCBS	BINARY	INQ	4	AVG	No	Number of currently allocated XPLink pool TCBS		169
AINSCREQ	BINARY	INQ	4	AVG	No	Number of current autoinstall requests		25
AINSMREQ	BINARY	INQ	4	AVG	Yes	Maximum number of autoinstall requests		26
AINSPROG	CHAR	INQ	8	DIFF	Yes	Autoinstall program name		24
AINSSTAT	CVDAS	INQ	4	LIKE	No	Autoinstall enabled status		27
AINSSTAT Output valid values	ENABLED, DISABLED							
AKP	CNUMERIC	INQ	4	MAX	Yes	Activity keypoint (AKP) frequency		4
AMAXTASKS	BINARY	INQ	4	AVG	Yes	Maximum number of active tasks	E410P	15
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

Table 66. CICSRRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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	E410P	115
CURRENTDDS	CHAR	INQ	1	DIFF	No	Current dump data set		85
CURRTASKS	BINARY	INQ	4	AVG	No	Current number of tasks		110
CUTCBCNT	BINARY	STAT	2	AVG	No	Number of MVS task control blocks (TCBs)	E410P	114
DDSOSTAT	CVDAS	INQ	4	LIKE	Yes	Dump data set open status		28
DDSOSTAT Input/output valid values	OPEN, CLOSED							
DDSOSTAT Input valid values	SWITCH							
DDSSSTAT	CVDAS	INQ	4	LIKE	Yes	Dump data set switch type		29
DDSSSTAT Input/output valid values	SWITCHNEXT, NOSWITCH							
DEBUGTOOL	CVDAS	INQ	4	LIKE	Yes	Debugging profiles status		167
DEBUGTOOL Input/output valid values	DEBUG, NODEBUG							
DFLTREMSYS	CHAR	INQ	4	DIFF	Yes	Default remote system	E330P	114
DFLTUSER	CHAR	INQ	8	DIFF	No	Default user ID		103
DSIDLE	DECTIME	INQ	4	MAX	Yes	Minimum terminal idle-time before deletion		147
DSINTERVAL	DECTIME	INQ	4	MAX	Yes	Idle terminal check interval		148
DSRTPROGRAM	CHAR	INQ	8	DIFF	Yes	Distributed routing program		156
DTRPROGRAM	CHAR	INQ	8	DIFF	Yes	Dynamic routing program name		12
ENDOFDAY	DECTIME	INQ	4	AVG	Yes	Statistics end-of-day time		35
EVENTCLASS	CVDAS	INQ	4	LIKE	Yes	SYSEVENT monitoring status	E620P	113
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

Table 66. CICS/SGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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, DEREGERROR							
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
INITSTATUS Output valid values	FIRSTINIT, SECONDINIT, THIRDINIT, INITCOMPLETE							
INTERVAL	DECTIME	INQ	4	AVG	Yes	Statistics recording interval		36
INTSTATUS	CVDAS	INQ	4	LIKE	Yes	Internal trace status		41
INTSTATUS Input/output valid values	INTSTART, INTSTOP							
INTVTRANS	BINARY	STAT	4	AVG	No	Transactions run since last CICS statistics reset		135
IRCSTAT	CVDAS	INQ	4	LIKE	Yes	Interregion communication (IRC) status		30
IRCSTAT Input/output valid values	OPEN, CLOSED							
IRCSTAT Input valid values	IMMCLOSE							
IRCSTAT Output valid values	CLOSING, IMMCLOSING							
JOBNAME	CHAR	INQ	8	DIFF	No	Job name		1
LASTRESET	BINARY	STAT	8	AVG	No	Last statistics reset time	E410P	155
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



Table 66. CICS/SGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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	E640PLUS	163
MAXJVMTCBS	BINARY	INQ	4	AVG	Yes	Maximum number of JVM pool TCBs		164
MAXOPENTCBS	BINARY	INQ	4	AVG	Yes	Maximum number of Open pool TCBs		154
MAXSSLTCBS	BINARY	INQ	4	AVG	Yes	Maximum number of SSL pool TCBs		170
MAXTASKS	BINARY	INQ	4	AVG	Yes	Maximum number of active and suspended tasks		6
MAXTHRDCBS	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
MAXXPTCBS	BINARY	INQ	4	AVG	Yes	Maximum number of XPLink pool TCBs		168
MEMLIMIT	CNUMERIC	INQ	8	LIKE	No	Maximum amount of above the bar storage	E640	173
MONRPTTIME	CVDAS	INQ	4	LIKE	No	Time zone for performance class records		102
MONRPTTIME	GMT, LOCAL Output valid values							
MONSTAT	CVDAS	INQ	4	LIKE	Yes	Monitor status		34
MONSTAT	ON, OFF Input/output valid values							
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

Table 66. CICS RGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
PEAKAMAX	BINARY	STAT	2	AVG	No	Peak number of user tasks eligible for dispatch	E410P	125
PEAKTASKS	BINARY	STAT	2	AVG	No	Peak number of tasks in system		50
PEKACTVUSRTR	BINARY	STAT	4	AVG	No	Peak number of active user transaction		114
PEKQUEDUSRTR	BINARY	STAT	4	AVG	No	Peak number of queued user transactions		115
PERFCLASS	CVDAS	INQ	4	LIKE	Yes	Performance class monitoring status		33
PERFCLASS Input/output valid values	PERF, NOPERF							
PLASTRESET	DECTIME	STAT	4	AVG	No	Last reset time		48
PRGMRCMP	BINARY	STAT	4	AVG	No	Number of programs removed by compression		65
PRGMUCNT	BINARY	STAT	4	AVG	No	Number of program uses		58
PRGMWAIT	BINARY	STAT	4	AVG	No	Number of waiting loader requests		59
PROGAUTOATTM	BINARY	STAT	4	AVG	No	Number of program autoinstall attempts		120
PROGAUTOCTLG	CVDAS	INQ	4	LIKE	Yes	Autoinstalled-program catalog type		105
PROGAUTOCTLG Input/output valid values	CTLGALL, CTLGMODIFY, CTLGNONE							
PROGAUTOEXIT	CHAR	INQ	8	DIFF	Yes	Autoinstall program exit name		104
PROGAUTOFAIL	BINARY	STAT	4	AVG	No	Number of failed program autoinstall attempts		122
PROGAUTOINST	CVDAS	INQ	4	LIKE	Yes	Status of autoinstall for programs		106
PROGAUTOINST Input/output valid values	AUTOACTIVE, AUTOINACTIVE							
PROGAUTOXREJ	BINARY	STAT	4	AVG	No	Number of times autoinstall prog request rejected		121
PRSSERRORCNT	BINARY	STAT	4	AVG	No	Number of persistent sessions already unbound		97
PRSSINQCNT	BINARY	STAT	4	AVG	No	Number of CICS persistent-session inquiries		93
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
PRSSUNBDCNT	BINARY	STAT	4	AVG	No	Number of persistent sessions that were terminated		96
PRTYAGING	BINARY	INQ	4	AVG	Yes	Priority aging value		18
PSDINTERVAL	DECTIME	INQ	4	AVG	Yes	Persistent session delay interval		109
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

Table 66. CICSRRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
SDMPSUPP	BINARY	STAT	4	AVG	No	Number of system dumps suppressed		70
SDMPTOTL	BINARY	STAT	4	AVG	No	Number of system dumps taken		69
SDTRAN	CHAR	INQ	4	DIFF	No	Shutdown transaction		146
SHUTSTATUS	CVDAS	INQ	4	LIKE	No	Shutdown status		134
SHUTSTATUS Output valid values	CONTROLSHUT, SHUTDOWN, CANCELLED, NOTAPPLIC							
SINGLESTATUS	CVDAS	INQ	4	LIKE	Yes	Single task trace status		44
SINGLESTATUS Input/output valid values	SINGLEON, SINGLEOFF							
SIORREQ	BINARY	CPSM	8	AVG	No	Number of I/O requests		79
SOSABOVEBAR	CVDAS	INQ	4	LIKE	No	Short on storage status above the bar	E640	174
SOSABOVEBAR Output valid values	SOS, NOTSOS							
SOSABOVELINE	CVDAS	INQ	4	LIKE	No	Short on storage status above the line	E640	175
SOSABOVELINE Output valid values	SOS, NOTSOS							
SOSBELOWLINE	CVDAS	INQ	4	LIKE	No	Short on storage status below the line	E640	176
SOSBELOWLINE Output valid values	SOS, NOTSOS							
SOSSTATUS	CVDAS	INQ	4	LIKE	No	Short on storage status below the bar		142
SOSSTATUS Output valid values	SOS, NOTSOS, SOSABOVE, SOSBELOW							
STARTUP	CVDAS	INQ	4	LIKE	No	Startup type		10
STARTUP Output valid values	COLDSTART, WARMSTART, EMERGENCY, LOGTERM							

Table 66. CICS RGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
STARTUPDATE	DECDATE	INQ	4	AVG	No	Date on which CICS started		108
STGPROT	CVDAS	INQ	4	LIKE	No	Storage protection status		11
STGPROT Output valid values	ACTIVE, INACTIVE							
STRTTIME	DATETIME	CPSM	8	MAX	No	CICS start time		73
SUBSYSTEMID	CHAR	INQ	4	DIFF	No	Subsystem ID used on SYSEVENT class records	E650P	109
SUBTASKS	BINARY	INQ	4	AVG	No	Value set by the SUBTSKS system initialization parameter		166
SWITCHSTATUS	CVDAS	INQ	4	LIKE	Yes	Auxiliary trace data set switch type		42
SWITCHSTATUS Input/output valid values	NOSWITCH, SWITCHNEXT, SWITCHALL							
SYNCPOINTST	CVDAS	INQ	4	LIKE	Yes	Performance record at syncpoint		101
SYNCPOINTST Input/output valid values	SYNCPOINT, NOSYNCPOINT							
SYSDUMP	CVDAS	INQ	4	LIKE	Yes	System dump status		8
SYSDUMP Input/output valid values	SYSDUMP, NOSYSDUMP							
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
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

Table 66. CICS<sup>®</sup>RG<sup>®</sup>N resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
XRFSTATUS	CVDAS	INQ	4	LIKE	No	Extended recovery facility (XRF) status		23
XRFSTATUS Output valid values	PRIMARY, TAKEOVER, NOTAPPLIC							

## CICSSTOR Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**  
CICSGlobalDynamicStorageArea

**Length**

1912

**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**

EYUt0135

Table 67. Valid CPSM operations

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

Table 68. 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
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

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
ERRATEEFM	RATE3	CPSM	8	AVG	No	ERDSA FREEMAIN request rate		341
ERRATEEGM	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
ESRATEEFM	RATE3	CPSM	8	AVG	No	ESDSA FREEMAIN request rate		323
ESRATEEGM	RATE3	CPSM	8	AVG	No	ESDSA GETMAIN request rate		322
ESRATESTORV	RATE3	CPSM	8	AVG	No	ESDSA storage violation rate		331
EUAVGTIMESOS	INTTSTP	CPSM	8	AVG	No	Average time spent short-on-storage (SOS) in EUDSA		312
EUNONIMMGET	BINARY	CPSM	8	AVG	No	Number of EUDSA non-immediate GETMAIN requests		306
EURATECREL	RATE3	CPSM	8	AVG	No	EUDSA cushion release rate		311
EURATEEXTSA	RATE3	CPSM	8	AVG	No	EUDSA extent increase rate		314
EURATEEXTSR	RATE3	CPSM	8	AVG	No	EUDSA extent release rate		315
EURATEEFM	RATE3	CPSM	8	AVG	No	EUDSA FREEMAIN request rate		305
EURATEEGM	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
GCRATEEFM	RATE3	CPSM	8	AVG	No	GCDSA FREEMAIN request rate	E640	385
GCRATEEGM	RATE3	CPSM	8	AVG	No	GCDSA GETMAIN request rate	E640	384
GCRATESTORV	RATE3	CPSM	8	AVG	No	GCDSA storage violation rate	E640	390
LPCTCFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in CDSA		212
LPCTECFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in ECDSA		284
LPCTERFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in ERDSA		338
LPCTESFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in ESDSA		320
LPCTEUFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in EUDSA		302
LPCTRFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in RDSA		266

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
LPCTSFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in SDSA		248
LPCTUFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in UDSA		230
PCTCCSH	PERCENT3	CPSM	4	AVG	No	Percentage of cushion releases in CDSA		219
PCTCFREE	PERCENT3	CPSM	4	AVG	No	Percentage of free storage in CDSA		210
PCTCGMF	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN failures in CDSA		217
PCTCGMP	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN requests purged in CDSA		218
PCTECCSH	PERCENT3	CPSM	4	AVG	No	Percentage of cushion releases in ECDSA		291
PCTECFREE	PERCENT3	CPSM	4	AVG	No	Percentage of free storage in ECDSA		282
PCTECGMF	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN failures in ECDSA		289
PCTECGMP	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN requests purged in ECDSA		290
PCTERCSH	PERCENT3	CPSM	4	AVG	No	Percentage of cushion releases in ERDSA		345
PCTERFREE	PERCENT3	CPSM	4	AVG	No	Percentage of free storage in ERDSA		336
PCTERGMF	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN failures in ERDSA		343
PCTERGMP	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN requests purged in ERDSA		344
PCTESCSH	PERCENT3	CPSM	4	AVG	No	Percentage of cushion releases in ESDSA		327
PCTESFREE	PERCENT3	CPSM	4	AVG	No	Percentage of free storage in ESDSA		318
PCTESGMF	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN failures in ESDSA		325
PCTESGMP	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN requests purged in ESDSA		326
PCTEUCSH	PERCENT3	CPSM	4	AVG	No	Percentage of cushion releases in EUDSA		309
PCTEUFREE	PERCENT3	CPSM	4	AVG	No	Percentage of free storage in EUDSA		300
PCTEUGMF	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN failures in EUDSA		307
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
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



Table 68. 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
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
PCTSTGRDSA	PERCENT3	CPSM	4	AVG	No	Percentage of storage below 16MB in RDSA		262
PCTSTGSDSA	PERCENT3	CPSM	4	AVG	No	Percentage of storage below 16MB in SDSA		244
PCTSTGUDSA	PERCENT3	CPSM	4	AVG	No	Percentage of storage below 16MB in UDSA		226
PCTUCSH	PERCENT3	CPSM	4	AVG	No	Percentage of cushion releases in UDSA		237
PCTUFREE	PERCENT3	CPSM	4	AVG	No	Percentage of free storage in UDSA		228
PCTUGMF	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN failures in UDSA		235
PCTUGMP	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN requests purged in UDSA		236
PPCTCFREE	PERCENT3	CPSM	4	AVG	No	Peak percentage of free storage in CDSA		211
PPCTECFREE	PERCENT3	CPSM	4	AVG	No	Peak percent of free storage in ECDSA		283

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
PPCTERFREE	PERCENT3	CPSM	4	AVG	No	Peak percentage of free storage in ERDSA		337
PPCTESFREE	PERCENT3	CPSM	4	AVG	No	Peak percentage of free storage in ESDSA		319
PPCTEUFREE	PERCENT3	CPSM	4	AVG	No	Peak percentage of free storage in EUDSA		301
PPCTRFREE	PERCENT3	CPSM	4	AVG	No	Peak percentage of free storage in RDSA		265
PPCTSFREE	PERCENT3	CPSM	4	AVG	No	Peak percentage of free storage in SDSA		247
PPCTSTGCDSA	PERCENT3	CPSM	4	AVG	No	Peak percentage in CDSA of peak storage below 16MB		209
PPCTSTGECDSA	PERCENT3	CPSM	4	AVG	No	Peak percent in ECDSA of peak storage above 16MB		281
PPCTSTGERDSA	PERCENT3	CPSM	4	AVG	No	Peak percent in ERDSA of peak storage above 16MB		335
PPCTSTGESDSA	PERCENT3	CPSM	4	AVG	No	Peak percent in ESDSA of peak storage above 16MB		317
PPCTSTGEUDSA	PERCENT3	CPSM	4	AVG	No	Peak percent in EUDSA of peak storage above 16MB		299
PPCTSTGGCDSA	PERCENT3	CPSM	4	AVG	No	Peak percentage in GCDSA of storage above the bar	E640	383
PPCTSTGRDSA	PERCENT3	CPSM	4	AVG	No	Peak percentage in RDSA of peak storage below 16MB		263
PPCTSTGSDSA	PERCENT3	CPSM	4	AVG	No	Peak percentage in SDSA of peak storage below 16MB		245
PPCTSTGUDSA	PERCENT3	CPSM	4	AVG	No	Peak percentage in UDSA of peak storage below 16MB		227
PPCTUFREE	PERCENT3	CPSM	4	AVG	No	Peak percentage of free storage in UDSA		229
RAVGTIMESOS	INTTSTP	CPSM	8	AVG	No	Average time spent short-on-storage (SOS) in RDSA		276
RNONIMMGET	BINARY	CPSM	8	AVG	No	Number of RDSA non-immediate GETMAIN requests		270
RRATECREL	RATE3	CPSM	8	AVG	No	RDSA cushion release rate		275
RRATEEXTSA	RATE3	CPSM	8	AVG	No	RDSA extent increase rate		278
RRATEEXTSR	RATE3	CPSM	8	AVG	No	RDSA extent release rate		279
RRATEFM	RATE3	CPSM	8	AVG	No	RDSA FREEMAIN request rate		269
RRATEGM	RATE3	CPSM	8	AVG	No	RDSA GETMAIN request rate		268
RRATESTORV	RATE3	CPSM	8	AVG	No	RDSA storage violation rate		277
RSVRD12	BINARY	CPSM	4	LIKE	No	Reserved area for alignment - Re-use as required		394
RSVRD6	BINARY	CPSM	4	LIKE	No	Reserved area for alignment		256
SAVGTIMESOS	INTTSTP	CPSM	8	AVG	No	Average time spent short-on-storage (SOS) in SDSA		258
SMSASACTIVE	BINARY	STAT	8	AVG	No	Current address space storage that is addressable	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

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
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

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSECDR	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
SMSEDSALIMIT	BINARY	STAT	4	AVG	Yes	Current EDSA limit		17
SMSEDSATOTAL	BINARY	STAT	4	AVG	No	Total storage currently allocated to EDSAs		19
SMSERASR	BINARY	STAT	4	AVG	No	Number of ERDSA ADD_SUBPOOL requests		190
SMSERCREL	BINARY	STAT	4	AVG	No	Number of ERDSA cushion releases		196
SMSERCRISS	BINARY	STAT	4	AVG	No	Number of ERDSA requests failing with no storage		192
SMSERCSIZE	BINARY	STAT	4	AVG	No	Current ERDSA cushion size		187
SMSERCSUBP	BINARY	STAT	4	AVG	No	Current number of ERDSA subpools		199
SMSERDSASZ	BINARY	STAT	4	AVG	No	Current size of ERDSA		185
SMSERDSR	BINARY	STAT	4	AVG	No	Number of ERDSA DELETE_SUBPOOL requests		191
SMSEREXTS	BINARY	STAT	4	AVG	No	Number of ERDSA extents		205
SMSEREXTSA	BINARY	STAT	4	AVG	No	Number of ERDSA extents added		206
SMSEREXTSR	BINARY	STAT	4	AVG	No	Number of ERDSA extents released		207
SMSERFMREQ	BINARY	STAT	4	AVG	No	Number of ERDSA FREEMAIN requests		189
SMSERFSTG	BINARY	STAT	4	AVG	No	Size of ERDSA free storage including cushion		200
SMSERGMREQ	BINARY	STAT	4	AVG	No	Number of ERDSA GETMAIN requests		188
SMSERHWMFSTG	BINARY	STAT	4	AVG	No	Peak ERDSA free storage level		201
SMSERHWMSS	BINARY	STAT	4	AVG	No	Peak number of ERDSA requests suspended		194

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSERLFA	BINARY	STAT	4	AVG	No	Largest ERDSA free area		203
SMSERLWMFSTG	BINARY	STAT	4	AVG	No	Lowest ERDSA free storage level		202
SMSERPWWS	BINARY	STAT	4	AVG	No	Number of ERDSA requests purged		195
SMSERSOS	BINARY	STAT	4	AVG	No	Number of times short-on-storage occurred in ERDSA		198
SMSERSV	BINARY	STAT	4	AVG	No	Number of ERDSA storage violations		204
SMSERTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short-on-storage (SOS) in ERDSA		197
SMSERUCSS	BINARY	STAT	4	AVG	No	Number of ERDSA requests suspended		193
SMSSESASR	BINARY	STAT	4	AVG	No	Number of ESDSA ADD_SUBPOOL requests		167
SMSSESCREL	BINARY	STAT	4	AVG	No	Number of ESDSA cushion releases		173
SMSSESCRIS	BINARY	STAT	4	AVG	No	Number of ESDSA requests failing with no storage		169
SMSSECSIZE	BINARY	STAT	4	AVG	No	Current ESDSA cushion size		164
SMSSECSUBP	BINARY	STAT	4	AVG	No	Current number of ESDSA subpools		176
SMSSEDSASZ	BINARY	STAT	4	AVG	No	Current size of ESDSA		162
SMSSEDSR	BINARY	STAT	4	AVG	No	Number of ESDSA DELETE_SUBPOOL requests		168
SMSSEEXTS	BINARY	STAT	4	AVG	No	Number of ESDSA extents		182
SMSSEEXTSA	BINARY	STAT	4	AVG	No	Number of ESDSA extents added		183
SMSSEEXTSR	BINARY	STAT	4	AVG	No	Number of ESDSA extents released		184
SMSSEFMREQ	BINARY	STAT	4	AVG	No	Number of ESDSA FREEMAIN requests		166
SMSSEFSTG	BINARY	STAT	4	AVG	No	ESDSA free storage including cushion		177
SMSSEGMREQ	BINARY	STAT	4	AVG	No	Number of ESDSA GETMAIN requests		165
SMSSEHWMFSTG	BINARY	STAT	4	AVG	No	Peak ESDSA free storage level		178
SMSSEHWMSS	BINARY	STAT	4	AVG	No	Peak number of ESDSA requests suspended		171
SMSSELFA	BINARY	STAT	4	AVG	No	Largest ESDSA free area		180
SMSSELWMFSTG	BINARY	STAT	4	AVG	No	Lowest ESDSA free storage level		179
SMSSEPWWS	BINARY	STAT	4	AVG	No	Number of ESDSA requests purged		172
SMSSESSOS	BINARY	STAT	4	AVG	No	Number of times short-on-storage occurred in ESDSA		175
SMSSESV	BINARY	STAT	4	AVG	No	Number of ESDSA storage violations		181
SMSSESTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short-on-storage in the ESDSA		174
SMSSEUCSS	BINARY	STAT	4	AVG	No	Number of ESDSA requests suspended		170
SMSEUASR	BINARY	STAT	4	AVG	No	Number of EUDSA ADD_SUBPOOL requests		144
SMSEUCREL	BINARY	STAT	4	AVG	No	Number of EUDSA cushion releases		150
SMSEUCRIS	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

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSEUDSASZ	BINARY	STAT	4	AVG	No	Current size of EUDSA		139
SMSEUDSR	BINARY	STAT	4	AVG	No	Number of EUDSA DELETE_SUBPOOL requests		145
SMSEUEXTS	BINARY	STAT	4	AVG	No	Number of EUDSA extents		159
SMSEUEXTSA	BINARY	STAT	4	AVG	No	Number of EUDSA extents added		160
SMSEUEXTSR	BINARY	STAT	4	AVG	No	Number of EUDSA extents released		161
SMSEUFMREQ	BINARY	STAT	4	AVG	No	Number of EUDSA FREEMAIN requests		143
SMSEUFSTG	BINARY	STAT	4	AVG	No	Size of EUDSA free storage including cushion		154
SMSEUGMREQ	BINARY	STAT	4	AVG	No	Number of EUDSA GETMAIN requests		142
SMSEUHWMFSTG	BINARY	STAT	4	AVG	No	Peak EUDSA free storage level		155
SMSEUHWMS	BINARY	STAT	4	AVG	No	Peak number of EUDSA requests suspended		148
SMSEULFA	BINARY	STAT	4	AVG	No	Largest EUDSA free area		157
SMSEULWMFSTG	BINARY	STAT	4	AVG	No	Lowest EUDSA free storage level		156
SMSEUPWWS	BINARY	STAT	4	AVG	No	Number of EUDSA requests purged		149
SMSEUSOS	BINARY	STAT	4	AVG	No	Number of times short-on-storage occurred in EUDSA		152
SMSEUSV	BINARY	STAT	4	AVG	No	Number of EUDSA storage violations		158
SMSEUTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short-on-storage in the EUDSA		151
SMSEUUCSS	BINARY	STAT	4	AVG	No	Number of EUDSA requests suspended		147
SMSGCASR	BINARY	STAT	4	AVG	No	Number of GCDSA ADD_SUBPOOL requests	E640	371
SMSGCRISS	BINARY	STAT	4	AVG	No	Number of GCDSA requests failing with no storage	E640	373
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
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
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



Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSGCUCSS	BINARY	STAT	4	AVG	No	Number of GCDSA requests suspended	E640	374
SMSGDSAActiv	BINARY	STAT	8	AVG	No	The current GDSA active	E640	363
SMSGETSTORSZ	BINARY	STAT	8	AVG	No	The GETSTOR request size	E640	360
SMSHWMASACT	BINARY	STAT	8	AVG	No	The HWM 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
SMSHWMUDSA	BINARY	STAT	4	AVG	No	Peak size of EUDSA		140
SMSHWMGCDSA	BINARY	STAT	8	AVG	No	Peak size of GCDSA	E640	368
SMSHWMGDSAAC	BINARY	STAT	8	AVG	No	The peak amount of storage available for use above the bar.	E640	364
SMSHWMRDSA	BINARY	STAT	4	AVG	No	Peak size of RDSA		94
SMSHWMSDSA	BINARY	STAT	4	AVG	No	Peak size of SDSA		71
SMSHWMUDSA	BINARY	STAT	4	AVG	No	Peak size of UDSA		48
SMSMEMLIMIT	CNUMERIC	STAT	8	AVG	No	Maximum amount of above bar storage	E640	357
SMSMEMLIMSRC	EYUDA	STAT	4	LIKE	No	The source setting the memory limit.	E640	356
SMSMEMLIMSRC Output valid values	JCL, REGION, SMF, IEFUSI							
SMSNPAGP	BINARY	STAT	2	AVG	No	Number of page pools		5
SMSRASR	BINARY	STAT	4	AVG	No	Number of RDSA ADD_SUBPOOL requests		98
SMSRCREL	BINARY	STAT	4	AVG	No	Number of RDSA cushion releases		104
SMSRCRISS	BINARY	STAT	4	AVG	No	Number of RDSA requests failing with no storage		100
SMSRCSIZE	BINARY	STAT	4	AVG	No	Current RDSA cushion size		95
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

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
SMSSEXTSA	BINARY	STAT	4	AVG	No	Number of SDSA extents added		91
SMSSEXTSR	BINARY	STAT	4	AVG	No	Number of SDSA extents released		92
SMSSFREQ	BINARY	STAT	4	AVG	No	Number of SDSA FREEMAIN requests		74
SMSSFSTG	BINARY	STAT	4	AVG	No	Size of SDSA free storage including cushion		85
SMSSGMREQ	BINARY	STAT	4	AVG	No	Number of SDSA GETMAIN requests		73
SMSHWMFSTG	BINARY	STAT	4	AVG	No	Peak SDSA free storage level		86
SMSHWMSS	BINARY	STAT	4	AVG	No	Peak number of SDSA requests suspended		79
SMSLFA	BINARY	STAT	4	AVG	No	Largest SDSA free area		88
SMSLWMFSTG	BINARY	STAT	4	AVG	No	Lowest SDSA free storage level		87
SMSSOSABAR	CV DAS	INQ	4	LIKE	No	Above the bar SOS indicator	E640	391
SMSSOSABAR Output valid values	SOS, NOTSOS							
SMSSOSALINE	CV DAS	INQ	4	LIKE	No	Above the line SOS indicator	E640	392
SMSSOSALINE Output valid values	SOS, NOTSOS							



Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSSOSBLINE	CVDAS	INQ	4	LIKE	No	Below the line SOS indicator	E640	393
SMSSOSBLINE Output valid values	SOS, NOTSOS							
SMSSOSSTATUS	CVDAS	INQ	4	LIKE	No	Short on storage status		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	INTTSTP	STAT	8	AVG	No	Total time waiting for MVS storage		354
SMSTRANISO	EYUDA	STAT	4	LIKE	No	Transaction isolation status		9
SMSTRANISO Output valid values	ACTIVE, INACTIVE							
SMSUASR	BINARY	STAT	4	AVG	No	Number of UDSA ADD_SUBPOOL requests		52
SMSUCREL	BINARY	STAT	4	AVG	No	Number of UDSA cushion releases		58
SMSUCRISS	BINARY	STAT	4	AVG	No	Number of UDSA requests failing with no storage		54
SMSUCSIZE	BINARY	STAT	4	AVG	No	Current UDSA cushion size		49
SMSUCSUBP	BINARY	STAT	4	AVG	No	Current number of subpools in the UDSA		61
SMSUDSASZ	BINARY	STAT	4	AVG	No	Current size of UDSA		47
SMSUDSR	BINARY	STAT	4	AVG	No	Number of UDSA DELETE_SUBPOOL requests		53
SMSUEXTS	BINARY	STAT	4	AVG	No	Number of UDSA extents		67
SMSUEXTSA	BINARY	STAT	4	AVG	No	Number of UDSA extents added		68
SMSUEXTSR	BINARY	STAT	4	AVG	No	Number of UDSA extents released		69
SMSUFMREQ	BINARY	STAT	4	AVG	No	Number of UDSA FREEMAIN requests		51
SMSUFSTG	BINARY	STAT	4	AVG	No	Size of UDSA free storage including cushion		62
SMSUGMREQ	BINARY	STAT	4	AVG	No	Number of UDSA GETMAIN requests		50
SMSUHWMFSTG	BINARY	STAT	4	AVG	No	Peak UDSA free storage level		63
SMSUHWMISS	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

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
URATEFM	RATE3	CPSM	8	AVG	No	UDSA FREEMAIN request rate		233
URATEGM	RATE3	CPSM	8	AVG	No	UDSA GETMAIN request rate		232
URATESTORV	RATE3	CPSM	8	AVG	No	UDSA storage violation rate		241

## CLCACHE Resource Table

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

There is no key field for this resource class.

The following actions are supported:

### PHASEOUT

Mark JVMs for deletion.

### PURGE

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

### FORCEPURGE

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

**START**  
Start the shared class cache.

**RELOAD**  
Reload the shared class cache.

**External resource name**  
CICSJVMClassCache

**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**  
EYUt0139

Table 69. Valid CPSM operations

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

Table 70. CLCACHE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
AUTOSTARTST	CVDAS	INQ	4	LIKE	Yes	Autostart status	ENABLED	3
AUTOSTARTST Input/output valid values	ENABLED, DISABLED							
CACHEFREE	BINARY	INQ	8	AVG	No	Amount in bytes, of free space within the cache		7
CACHESIZE	BINARY	INQ	8	AVG	No	Size of the class cache in bytes		6
JVMREQSCACHE	BINARY	STAT	4	AVG	No	JVM requests - class cache		13

Table 70. CLCACHE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
OLDCACHES	BINARY	INQ	4	AVG	No	Number of class caches waiting for JVMs to terminate		4
PEAKCACHEJVM	BINARY	STAT	4	AVG	No	Peak worker (class cache) JVMs		12
PHASINGOUT	BINARY	INQ	4	AVG	No	Number of JVMs being phased-out		2
PROFILE	CHAR	INQ	8	DIFF	No	Profile used to start or used to reload the cache		5
REUSEST	CVDAS	INQ	4	LIKE	No	JVM reuse status		11
REUSEST Output valid values	REUSE, RESET, UNKNOWN							
STARTTIME	DATETIME	INQ	8	MAX	No	The time that the class cache was started		9
STATUS	CVDAS	INQ	4	LIKE	No	Class cache status		8
STATUS Output valid values	STARTED, STARTING, STOPPED, RELOADING							
TOTALJVMs	BINARY	INQ	4	AVG	No	Number of JVMs dependent on the class cache		10

## CMASLIST Resource Table

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

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

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

The following actions are supported:

### 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

40

**Usage** API 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 71. Valid CPSM operations

Operations	Actions	Parameters	Required	
GET		None	N/A	
PERFORM SET	SHUTDOWN	None	N/A	
	PURGE	None	N/A	
	SECREBUILD	None	N/A	
	RESET	USERID(value)	Yes	
	RESETTIME	None	N/A	
	CPSMDUMP	ASID(value)	None	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 72. CMASLIST FEEDBACK error codes

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

Table 73. CMASLIST resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ACCESSTYPE	EYUDA	CPSM	4	LIKE	No	Type of access	9

Table 73. CMASLIST resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ACCESSTYPE Output valid values	N_A, LOCAL, ADJACENT, INDIRECT						
<b>CMASNAME-1</b>	CHAR	CPSM	8	DIFF	Yes	CMAS	4
CPSMVER	CHAR	CPSM	4	DIFF	No	CPSM version of CMAS	7
STATUS	EYUDA	CPSM	4	LIKE	No	Status of CMAS	8
STATUS Output valid values	N_A, INACTIVE, ACTIVE, LOSTCON, CREATING						
SYSID	CHAR	CPSM	4	DIFF	No	CICS system ID	6
TRANSITCMAS	CHAR	CPSM	8	DIFF	No	First transit CMAS	5
TRANSITCNT	BINARY	CPSM	2	AVG	No	Number of transit CMASs	10

## CMASPLEX Resource Table

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

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

The following actions are supported:

### REMPLEX

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

### FORCEREMPLEX

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

These actions require no unique parameter data.

### External resource name

CICSCICSplexList

### Length

48

### Usage

API

### API view

No

### CMAS context

Yes

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt2452 or CMASPLEX

**Valid API operations**  
GET  
PERFORM

Table 74. CMASPLEX FEEDBACK error codes

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

Table 75. 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
DAYLGHTSV	EYUDA	CPSM	4	LIKE	No	Daylight saving time in effect		11
DAYLGHTSV Output valid values	YES, NO							
MPCMAS	CHAR	CPSM	8	DIFF	Yes	Name of maintenance point CMAS		18
<b>MPSTATE-2</b>	EYUDA	CPSM	4	LIKE	No	Status of maintenance point CMAS		19
MPSTATE Output valid values	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
<b>PLEXNAME-1</b>	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

## 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

**SECREBUILD**

Rebuild the ESM Security profiles

These actions require no unique parameter data.

**External resource name**

CICSCICSManagingAddressSpace

**Length**

336

**Usage** API 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 76. Valid CPSM operations

Operations	Actions	Parameters	Required	
GET		None	N/A	
SET		None	N/A	
PERFORM SET	SHUTDOWN	None	N/A	
	PURGE	None	N/A	
	SECREBUILD	None	N/A	
	RESET	USERID(value)	Yes	
	RESEETIME	None	N/A	
	CPSMDUMP	ASID(value)		No
		BAS		No
		CHE		No
		COM		No
DAT			No	
	KNL		No	
	MAS		No	
	MON		No	



Table 76. Valid CPSM operations (continued)

MSG	No
QUE	No
RTA	No
SIM	No
SLM	No
SRV	No
TOP	No
TRC	No
WLM	No

Table 77. CMAS FEEDBACK error codes

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

Table 78. 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
<b>CMASNAME-1</b>	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

Table 78. CMAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
DAYLIGHT Input/output valid values	YES, NO							
DREPDSN	CHAR	CPSM	44	DIFF	No	Data repository data set name		48
DREPSTATUS	CVDAS	INQ	4	LIKE	No	Data repository status		21
DREPSTATUS Output valid values	OPEN, CLOSED, OPENING, CLOSING, CLOSEREQUEST							
FREEOSSBCNT	BINARY	CPSM	4	AVG	No	Number of CPSM program-working-storage blocks free		16
FREEOSSBUSE	BINARY	CPSM	4	AVG	No	Number of times free working-storage blocks used		17
GETMAINOSSB	BINARY	CPSM	4	AVG	No	Number of GETMAINs for working-storage blocks		18
GTFSTATUS	CVDAS	INQ	4	LIKE	Yes	Generalized trace facility (GTF) trace status		26
GTFSTATUS Input/output valid values	GTFSTART, GTFSTOP							
IRCSTATUS	CVDAS	INQ	4	LIKE	Yes	Interregion communication status		20
IRCSTATUS Input/output valid values	OPEN, CLOSED							
IRCSTATUS Input valid values	IMMCLOSE							
IRCSTATUS Output valid values	CLOSING, IMMCLOSING							
JOBNAME	CHAR	CPSM	8	DIFF	No	CMAS job name		5
KNLTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Kernel linkage trace flags		33
MAXSTCB	BINARY	CPSM	4	AVG	No	Maximum number of STCBs allocated		57
MAXTASK	BINARY	STAT	4	AVG	Yes	Maximum number of active and suspended tasks		45
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

Table 78. CMAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
MONMTRAN	BINARY	CPSM	4	AVG	No	Number of pending transaction-monitoring queues		54
MONTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Monitoring trace flags		42
MSGTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Message services trace flags		35
MVSLOC	CHAR	CPSM	4	DIFF	No	MVS image		7
NETALERT	BINARY	CPSM	8	AVG	No	Number of Netview alerts sent		60
NETVPPI	EYUDA	CPSM	4	LIKE	Yes	Netview PPI to be used		59
NETVPPI Input/output valid values	YES, NO							
PAGEIN	BINARY	CPSM	4	AVG	No	Number of page-in requests		13
PAGEOUT	BINARY	CPSM	4	AVG	No	Number of page-out requests		14
PEAKAMAX	BINARY	STAT	2	AVG	No	Peak number of user tasks eligible for dispatch		31
QUETRACE	BITSTRIP	CPSM	4	LIKE	Yes	Queue services trace flags		39
REALSTG	BINARY	CPSM	4	AVG	No	Real storage in use		15
RODMNAME	CHAR	CPSM	8	DIFF	No	Resource status facility name		63
RTATRACE	BITSTRIP	CPSM	4	LIKE	Yes	Real time analysis (RTA) trace flags		43
SDUMP	EYUDA	CPSM	4	LIKE	Yes	System dump option		62
SDUMP Input/output valid values	YES, NO, NEVER							
SOSABOVEBAR	CVDAS	INQ	4	LIKE	No	Short on storage status above the bar	E640	68
SOSABOVEBAR Output valid values	SOS, NOTSOS							
SOSABOVELINE	CVDAS	INQ	4	LIKE	No	Short on storage status above the line	E640	69
SOSABOVELINE Output valid values	SOS, NOTSOS							
SOSBELOWLINE	CVDAS	INQ	4	LIKE	No	Short on storage status below the line	E640	70
SOSBELOWLINE Output valid values	SOS, NOTSOS							
SRVTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Common services trace flags		36
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

Table 78. CMAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
USERSTATUS Input/output valid values	USERON, USEROFF							
VTAMACB	CVDAS	INQ	4	LIKE	Yes	VTAM ACB open status		19
VTAMACB Input/output valid values	OPEN, CLOSED							
VTAMACB Input valid values	IMMCLOSE, FORCECLOSE							
VTAMACB Output valid values	CLOSING, IMMCLOSING, FORCECLOSING							
WLMTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Workload management trace flags		44
XCFGROUP	CHAR	INQ	8	LIKE	No	XCF group ID	E640	65
ZONEOFFS	BINARY	CPSM	1	DIFF	Yes	CMAS time zone offset		47

## CMDMPAPS Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

CICSPrimaryAnalysisPointCMAS

**Length**

56

**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**

EYUt4353

Table 79. Valid CPSM operations

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

Table 80. CMDMPAPS FEEDBACK error codes

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

Table 81. 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
<b>CMASNAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Primary CMAS	5
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	8
<b>SPEC-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Analysis point specification	6

## CMDMSAPS Resource Table

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

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

There are no object specific actions for this resource class.

### External resource name

CICSSecondaryAnalysisPointCMAS

### Length

56

**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**  
EYUt4354

Table 82. Valid CPSM operations

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

Table 83. CMDMSAPS FEEDBACK error codes

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

Table 84. CMDMSAPS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CV DAS	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
<b>CMASNAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Secondary CMAS	5
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	8
<b>SPEC-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Analysis point specification	6

## CMDT Resource Table

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

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

The following actions are supported:

### CLOSE

Close the data table file.

The parameter data for the CLOSE action is:

PARM('BUSY(cvda).')

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

WAIT  
NOWAIT  
FORCE

**DISABLE**

Disable the data table file.

The parameter data for the DISABLE action is:

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

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

WAIT  
NOWAIT  
FORCE

**DISCARD**

Discard the data table file.

**ENABLE**

Enable the data table file.

**OPEN**

Open the data table file.

**External resource name**

CICSDataTable

**Length**

384

**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**

EYUt0041

Table 85. 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 86. CMDT FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid			

Table 87. 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	CV DAS	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
ADDRREAD	BINARY	STAT	4	AVG	No	Number of records added to table by READ requests			34
ADDREJ	BINARY	STAT	4	AVG	No	Number of add requests rejected by user exit			36
ADDREQ	BINARY	STAT	4	AVG	No	Number of records added from WRITE requests			35
ADDTFULL	BINARY	STAT	4	AVG	No	Number of add requests rejected when table full			37
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	76
BROWSE	CV DAS	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	CV DAS	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



Table 87. CMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
DELETE	CVDAS	INQ	4	LIKE	Yes	Delete option			4
DELETE Input/output valid values	DELETABLE, NOTDELETABLE								
DELETREQ	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								
<b>FILE-1</b>	CHAR	INQ	8	DIFF	Yes	File ID			1
FWDRECSTATUS	CVDAS	INQ	4	LIKE	No	Forward recovery option			8
FWDRECSTATUS Output valid values	FWDRECOVABLE, 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
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	75
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, 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								

Table 87. CMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
LOCDELCNT	BINARY	STAT	4	AVG	No	Number of DELETE requests			28
LSRPOOLID	CHAR	INQ	2	DIFF	Yes	Local shared resources pool ID			53
MAXNUMRECS	BINARY	INQ	4	AVG	Yes	Maximum number of records table can hold			11
MAXTSIZE	BINARY	STAT	4	AVG	No	Maximum table size			40
NUMACTSTRING	BINARY	STAT	2	AVG	No	Number of active strings			56
NUMDATBUFF	BINARY	STAT	2	AVG	No	Number of data buffers			54
NUMINDEXBUFF	BINARY	STAT	2	AVG	No	Number of index buffers			55
NUMSTRINGWT	BINARY	STAT	2	AVG	No	Number of active string waits			59
OPENSTATUS	CVDAS	INQ	4	LIKE	Yes	Open status			12
OPENSTATUS Input/output valid values	OPEN, CLOSED								
OPENSTATUS Output valid values	OPENING, CLOSING, CLOSEREQUEST								
POOLNAME	CHAR	INQ	8	DIFF	Yes	CFDT pool name			62
READ	CVDAS	INQ	4	LIKE	Yes	Read option			13
READ Input/output valid values	READABLE, NOTREADABLE								
READRETRY	BINARY	STAT	4	AVG	No	Number of read retries			42
READS	BINARY	STAT	4	AVG	No	Number of successful reads			32
RECNOTFND	BINARY	STAT	4	AVG	No	Total number of records not found in table			33
RECORDFORMAT	CVDAS	INQ	4	LIKE	No	Record format			14
RECORDFORMAT Output valid values	FIXED, VARIABLE, UNDEFINED								
RECORDSIZE	BINARY	INQ	4	AVG	No	Record size			15
RECOVSTATUS	CVDAS	INQ	4	LIKE	No	Recovery type			16
RECOVSTATUS Output valid values	RECOVERABLE, NOTRECOVERABLE								
REWRITE	BINARY	STAT	4	AVG	No	Number of REWRITE requests			38
STGALCINU	BINARY	STAT	4	AVG	No	Total storage in use (kilobytes)			44
STGALCTOT	BINARY	STAT	4	AVG	No	Total storage allocated (kilobytes)			43
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
STGENTINU	BINARY	STAT	4	AVG	No	Storage in use for record entry blocks (KB)			46

Table 87. CMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
STGENTTOT	BINARY	STAT	4	AVG	No	Storage allocated for record entry blocks (KB)			45
STGIDXINU	BINARY	STAT	4	AVG	No	Storage in use for index (kilobytes)			48
STGIDXTOT	BINARY	STAT	4	AVG	No	Storage allocated for index (kilobytes)			47
STRINGS	BINARY	INQ	4	AVG	Yes	Number of strings			17
TABLE	CVDAS	INQ	4	LIKE	Yes	Type of data table			18
TABLE Input/output valid values	CICSTABLE, USERTABLE, CFTABLE, NOTTABLE								
TABLE Output valid values	NOTAPPLIC								
TABlename	CHAR	INQ	8	DIFF	Yes	CFDT table name			63
TIMECLOSE	DECTSTP	STAT	4	MAX	No	Local time file was closed			22
TIMEOPEN	DECTSTP	STAT	4	MAX	No	Local time file was opened			21
UPDATE	CVDAS	INQ	4	LIKE	Yes	Update option			20
UPDATE Input/output valid values	UPDATABLE, NOTUPDATABLE								
UPDATECNT	BINARY	STAT	4	AVG	No	Number of REWRITE requests			27
UPdatEMODEL	CVDAS	INQ	4	LIKE	Yes	CFDT update model			64
UPdatEMODEL Input/output valid values	LOCKING, CONTENTION, NOTAPPLIC								
VSAMTYPE	CVDAS	INQ	4	LIKE	No	Type of VSAM data set			19
VSAMTYPE Output valid values	ESDS, KSDS, RRDS								
WSTRCCURCNT	BINARY	STAT	2	AVG	No	Peak concurrent requests queued - strings in use			52
WSTRCNT	BINARY	STAT	4	AVG	No	Total requests queued because strings in use			31

## CMTCMDEF Resource Table

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

Each CMTCMDEF instance has a related CICS CONNECTION, 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 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 88. Valid CPSM operations

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

Table 89. CMTCMDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
8	REPOSITORY_FAILURE	Error in data repository	21	CEDA_TIMEOUT	Timeout whilst updating CICS CSD
22	CEDA_FAILURE_DEFINE	Failure defining resource on CICS CSD	23	CEDA_FAILURE_INSTALL	Failure to install CSD failed
24	CEDA_FAILURE_MOVE	Failure moving resource on CICS CSD failed	25	CONNECTION_ACTIVE	Connection active
26	CONNECTION_PENDING	Connection pending	27	CONNECTION_RESET	Connection reset
28	SYSID_DUP	Duplicate system ID	29	APPLID_DUP	Duplicate application ID
30	LINK_TYPE	Invalid link type	31	LINK_DATA	Link data
32	UNKNOWN_METHODS	Unspecified return code from internal program call	33	TIMEOUT	Timeout

Table 89. CMTCMDEF FEEDBACK error codes (continued)

34	MISMATCH_TARGET_NAME	Target CMAS exists with different Target Applid/SYSID	35	MISMATCH_APPLID	Target Applid does not match existing Target CMAS/SYSID
36	MISMATCH_SYSID	SYSID does not match existing Target CMAS/Aplid	37	CRTE_FAILURE_DISCONNECTING	Initiating the CICS CONNECTION or SESSION failed
38	CRTE_FAILURE_CONNECTING	Completing the CICS connection failed	39	CRTE_FAILURE_DISCONNECTING	Discarding the aborted CICS connection failed

Table 90. CMTCMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGEAGENT	CV DAS	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									

Table 90. CMTCMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
SECNAME	CHAR	CPSM	8	No	DIFF	No	User ID of remote system for security purposes			16
SENDBUF	BINARY	CPSM	2	Yes	AVG	No	Send buffer size		256-30720	13
SENDPFX	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
<b>TARGETNAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Target CMAS			5

## 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 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 91. Valid CPSM operations

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

Table 92. CMTMLNK FEEDBACK error codes

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

Table 93. CMTMLNK 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
CBYSENT	BINARY	CPSM	8	AVG	No	Number of bytes sent (compressed)	14
CICSCONN	CVDAS	INQ	4	LIKE	No	CICS connection status	7
CICSCONN Output valid values	RELEASED, OBTAINING, ACQUIRED, FREEING, AVAILABLE						
CICSSERV	CVDAS	INQ	4	LIKE	No	CICS service status	8
CICSSERV Output valid values	INSERVICE, OUTSERVICE, GOINGOUT						
CPSMCONN	EYUDA	CPSM	4	LIKE	No	Connection status	9
CPSMCONN Output valid values	CONACT, RESET, PENDING						
EXECCLK	INTUSEC	CPSM	8	MAX	No	Cumulative time to execute CICSplex SM service requests	22
MALSRCVD	BINARY	CPSM	8	AVG	No	Total requests received	15
MALSENT	BINARY	CPSM	8	AVG	No	Total requests sent	10
MSGSRCVD	BINARY	CPSM	8	AVG	No	Number of message packets received	16
MSGSENT	BINARY	CPSM	8	AVG	No	Number of message packets sent	11
NAME-1	CHAR	CPSM	8	DIFF	Yes	Target CMAS	4
PROTOCOL	EYUDA	CPSM	4	LIKE	No	Link protocol	6

Table 93. CMTMMLNK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
PROTOCOL Output valid values	LU62, MRO						
RCVCLK	INTUSEC	CPSM	8	MAX	No	Cumulative time to receive CICSplex SM service requests	23
SCHEDCLK	INTUSEC	CPSM	8	MAX	No	Cumulative time to schedule CICSplex SM service requests	20
SYSID	CHAR	CPSM	4	DIFF	No	Target system ID	5
TBUFRCVD	BINARY	CPSM	8	AVG	No	Number of transit buffers received	17
TBUFSENT	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
UBYTSENT	BINARY	CPSM	8	AVG	No	Number of bytes sent (uncompressed)	13

## CMTMMLNK Resource Table

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

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

The following action is supported:

### DISCARD

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

The DISCARD action requires no unique parameter data.

### External resource name

#### Length

160

#### Usage

API

#### API view

No

#### CMAS context

Yes

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Manager



**Copybook identifier**  
EYUt2445

*Table 94. Valid CPSM operations*

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

*Table 95. CMTPLNK FEEDBACK error codes*

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

*Table 96. 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
CICCONN	CV DAS	INQ	4	LIKE	No	CICS connection status	7
CICCONN 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	CONACT, RESET, PENDING						
EXECCLK	INTUSEC	CPSM	8	MAX	No	Total execution time for CICSplex SM service requests	22
MALSRCVD	BINARY	CPSM	8	AVG	No	Number of service requests and responses received	15
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
<b>NAME-1</b>	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

Table 96. CMLPMLNK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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
TBUFRCVD	BINARY	CPSM	8	AVG	No	Number of transit buffers received	17
TBUFSENT	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
UBYTSENT	BINARY	CPSM	8	AVG	No	Number of bytes sent (uncompressed)	13

## CONINGRP Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYU6145

Table 97. Valid CPSM operations

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

Table 98. CONINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 98. CONINGRP FEEDBACK error codes (continued)

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

Table 99. CONINGRP 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
<b>CONNGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>CONNNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Connection definition name	6
<b>CONNVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	Connection definition version	7
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9

## CONNDEF Resource Table

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

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

### ADDTGRP

Add a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

The parameter data for the CSDCOPY action is described in "Managing CICS definitions in the CSD" on page 14.

**INSTALL**

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

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 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 100. 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 SET	INSTALL	FORCEINS(YES NO)	No
		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
	ADDTOGRP	RESGROUP(value)	Yes
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR DUPNOREPLACE DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 101. CONNDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 101. CONNDEF FEEDBACK error codes (continued)

1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	REFASSGN_REQ	Referenced resource assignment required	52	REFASSIGN_NOTFOUND	Referenced resource assignment not found
53	SESS_NOTINSTL	Session not installed	54	NODEFS_SELECTED	No definitions selected
55	MORE_THAN_1_RELATED	More than one related system	56	MISSING_RELSYSID	Missing related system identifier
57	SCOPE_CONFLICT	Scope conflict	58	REFASSIGN_EMPTY	Referenced resource assignment empty
59	INV_CSDGROUP	Invalid CSD group	60	REC_NOT_REMOVED	Record not removed
61	INV_RESOURCE	Invalid resource	62	INV_CICS_RESTYPE	Invalid CICS restype
63	PARTIAL_ACTION	Partial action	64	NOTHING_ACTIONED	Nothing actioned

Table 101. CONNDEF FEEDBACK error codes (continued)

65	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	66	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
67	CSD_ERROR	CSD error			

Table 102. CONNDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ACCESSMETHOD	CV DAS	CPSM	4	Yes	LIKE	No	Access method	VTAM			9
ACCESSMETHOD Input/output valid values	VTAM, IRC, INDIRECT, XM, NETBIOS, TCPIP										
ATTACHSEC	EYUDA	CPSM	4	Yes	LIKE	No	Level of attach-time security	LOCAL			10
ATTACHSEC Input/output valid values	LOCAL, IDENTIFY, MIXIDPE, PERSISTENT, VERIFY										
AUTOCONNECT	EYUDA	CPSM	4	Yes	LIKE	No	Autoconnect sessions for VTAM	NO			11
AUTOCONNECT Input/output valid values	NO, ALL, YES										
BINDPASSWORD	HIDCHAR	CPSM	16	No	DIFF	No	Bind password			E410P	12S
BINDSECURITY	EYUDA	CPSM	4	Yes	LIKE	No	Bind time security	NO		E410P	13S
BINDSECURITY Input/output valid values	YES, NO										
CHANGEAGENT	CV DAS	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

Table 102. CONNDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CONNTYPE	CVDAS	CPSM	4	Yes	LIKE	No	Nature of connection	NOTAPPLIC			14
CONNTYPE Input/output valid values	GENERIC, SPECIFIC, NOTAPPLIC, APPC, NETBIOS, TCPIP										
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				33
<b>CSDGROUP-3</b>	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										
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description of code page	07	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
<b>NAME-1</b>	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										

Table 102. CONNDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
NETNAME	CHAR	CPSM	8	No	DIFF	No	Network name				19
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	CV DAS	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
REMHOSTNAME	CHAR	CPSM	40	No	DIFF	No	TCP/IP remote host name			EALL	47
REMHOSTPORT	CHAR	CPSM	6	No	DIFF	No	TCP/IP remote host port	1435	1-65535	EALL	48



Table 102. CONNDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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	YES, NO, N_A Input/output valid values										
USEDFLTUSER	EYUDA	CPSM	4	Yes	LIKE	No	Use default user ID	N_A			39
USEDFLTUSER	NO, YES, N_A Input/output valid values										
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	KEEP, FORCE, N_A Input/output valid values										

---

## 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 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 103. Valid CPSM operations

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

Table 104. 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			

Table 104. CONNECT 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			
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

Table 104. CONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
CONNTYPE Output valid values	SPECIFIC, GENERIC								
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	74
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	75
DLIFUNSHIP	BINARY	STAT	4	AVG	No	Number of DL/I function ships			30
DPLFUNSHIP	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	CV DAS	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
FCFUNSHIP	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

Table 104. CONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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
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
<b>NAME-1</b>	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

Table 104. CONNECT resource table attributes (continued)

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

## CPLEXDEF Resource Table

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

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

The following actions are supported:

### ASSIGN

Assign CMAS to manage CICSplex.

The parameter data for the ASSIGN action is:

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

where:

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

cmas = (Required) Name of a CMAS.

### UNASSIGN

Unassign CMAS from CICSplex management role.

The parameter data for the UNASSIGN action is:

```
PARM('CICSplex(plex) CMAS(cmas) [FORCE].')
```

where:

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

cmas = (Required) Name of a CMAS.

### External resource name

CICSplexDefinition

### Length

152

**Usage** API or Batch Utility 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 105. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSplex(value)	No



Table 105. Valid CPSM operations (continued)

CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ASSIGN	CICSPLEX(value)	No
		CMAS(value)	Yes
	UNASSIGN	CICSPLEX(value)	No
		CMAS(value)	Yes
		FORCE	No

Table 106. CPLEXDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
8	REPOSITORY_FAILURE	Error in data repository	21	REMOTE_METH_FAIL	Attempt to run program in remote system failed
22	REM_EYUDREP_CREATE	Error updating remote data repository	23	DIRECTORY_ERROR	Directory error
24	ALL_COUNTS_ZERO	All counts zero	25	DELETE_PENDING	CICSplex delete pending
26	MAS_ACTIVE	MAS active	27	LCL_EYUDREP_CREATE	Error updating local data repository
28	INV_CMASNAME	Invalid CMAS name	29	CMAS_IS_MP	CMAS is maintenance point
30	DELETING_MP	Removing maintenance point	31	DEL_PENDING	Removal pending
32	CMAS_LEVEL	CMAS at higher level	33	LCL_EYUDREP_FAILURE	Error in local repository
34	LCL_REP_INV_LENGTH	Invalid length error in local repository			

Table 107. 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									

Table 107. CPLEXDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
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
<b>CICSplex-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CICSplex name			5
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			33
DAYLGHSTV	EYUDA	CPSM	4	Yes	LIKE	No	Daylight saving time	NO		17
DAYLGHSTV 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

Table 107. CPLEXDEF resource table attributes (continued)

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

## CPLXCMAS Resource Table

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

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

The following actions are supported:

### UNASSIGN

Unassign CMAS from CICSplex management role.

The parameter data for the UNASSIGN action is:

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

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

### External resource name

CICSCMASInCICSplex

### Length

120

**Usage** API 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 108. Valid CPSM operations

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

Table 109. CPLXCMAS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
8	CPLXCMAS_LCL_REPO_INV_LENGTH	error in local repository	21	CPLXCMAS_REMOVE_MP_FAIL	program in remote system failed
22	CPLXCMAS_REMOTE_REPO_CORRUPT	remote data repository	26	MAS_ACTIVE	MAS active
27	CPLXCMAS_LCL_REPO_CORRUPT	local data repository	28	INV_CMASNAME	Invalid CMAS name
30	DELETING_MP	Unassign not valid for MP CMAS			

Table 110. 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

Table 110. CPLXCMAS 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			42
<b>CICSplex-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CICSplex			6
<b>CMASNAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CMAS			5
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			41
DAYLIGHTSV	EYUDA	CPSM	4	Yes	LIKE	No	Daylight saving time in effect			23
DAYLIGHTSV 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									
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
SECBPASS	EYUDA	CPSM	4	Yes	LIKE	No	Bypass security			14
SECBPASS 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

Table 110. CPLXCMAS resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
STATE Output valid values	NORMAL, REMOVING, CREATING									
STATUS	BINARY	CPSM	1	Yes	MIN	No	StatusCreate pendingCICSplex ActiveUpdates pendingRemoval pending Recreated			17
STATUS Input/output valid values	1 (CREPEND), 2 (ACTIVE), 3 (UPDPEND), 4 (DELPEND), 5 (UNDELETE)									
SYSID	CHAR	CPSM	4	Yes	DIFF	No	CMAS system ID			16
TMEZONE	CHAR	CPSM	1	Yes	DIFF	No	Time zone			21
TMEZONEO	BINARY	CPSM	1	Yes	AVG	No	Time zone offset			20
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

## 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 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 111. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 112. CRESAIMD resource table attributes

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

## 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 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 113. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 113. Valid CPSM operations (continued)

GET	None	N/A
-----	------	-----

Table 114. 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	CVDDAS	INQ	4	LIKE	Yes	Enable status	6
ENABLESTATUS Input/output valid values	ENABLED, DISABLED						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Yes	ATOMSERVICE name	4

## 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**  
40

**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**  
EYUt2843



Table 115. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 116. 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	
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 statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Yes	BUNDLE name	4
PARTCOUNT	BINARY	INQ	4	SUM	No	Part count	8

## 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 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 117. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 118. CRESCONN resource table attributes

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

## CRESDB2C Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyDb2Connection

**Length**

32

**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**  
EYUt2826

Table 119. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 120. CRESDB2C resource table attributes

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

## CRESDB2E Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**  
CICSTopologyDb2Entry

**Length**  
32

**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**  
EYUt2827

Table 121. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 122. CRESDB2E resource table attributes

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

## CRESDB2T Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**  
CICSTopologyDb2Transaction

**Length**  
32

**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**  
EYUt2828

Table 123. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 124. CRESDB2T resource table attributes

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

## CRESDOCT Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyDocumentTemplate

**Length**

32

**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**

EYUt2834

Table 125. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 126. CRESDOCT resource table attributes

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

## CRESDSNM Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyDataSet

**Length**

80

**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**

EYUt2819

Table 127. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 128. CRESDSNM resource table attributes

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

## CRESENQM Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyEnqueueModel

**Length**

32

**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**  
EYUt2830

Table 129. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 130. CRESENM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Yes	Enqueue model	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 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 131. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

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

## 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 CAPTURESPEC.

This resource class has no object specific actions.

### External resource name

CICSTopologyEventProcessingCaptureSpec

### Length

88

**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**  
EYUt2847

Table 133. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 134. 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	
<b>EVENTBINDING-1</b>	CHAR	CPSM	32	DIFF	Yes	Event binding name	4
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status Possible Data Collect Data User Monitor Definition System Monitor Definition Resource Logically Deleted Resource Status Facility Active	6
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
<b>NAME-2</b>	CHAR	CPSM	32	DIFF	Yes	Event processing capture specification name	5

## 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 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 135. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 136. CRESFECO resource table attributes

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

## CRESFEND Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**  
CICSTopologyFEPINode

**Length**  
32

**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**  
EYUt2814

Table 137. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 138. CRESFEND resource table attributes

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

## CRESFEPO Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**  
CICSTopologyFEPIPool

**Length**  
32

**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**  
EYUt2815

Table 139. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 140. CRESFEPO resource table attributes

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

## CRESFETR Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**  
CICSTopologyFEPITarget

**Length**  
32

**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**

EYUt2816

Table 141. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 142. CRESFETR resource table attributes

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

## CRESFILE Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyFile

**Length**

96

**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**  
EYUt2801

Table 143. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 144. 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 statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	8
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Yes	File	5
OPENSTATUS	CVDAS	INQ	4	LIKE	No	Open status	10
OPENSTATUS Output valid values	OPEN, OPENING, CLOSED, CLOSING, CLOSEREQUEST						
REMOTENAME	CHAR	CPSM	8	DIFF	No	File name on remote system	6
REMOTESYSTEM	CHAR	CPSM	4	DIFF	No	Remote system ID	7

## CRESGLUE Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**  
CICSTopologyGlobalUserExit

**Length**  
40

**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**  
EYUt2821

Table 145. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 146. 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	
<b>EXITNAME-2</b>	CHAR	CPSM	8	DIFF	Yes	Exit point name	5
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	6
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Yes	Global user exit program	4
STARTSTATUS	CVDAS	INQ	4	LIKE	No	Start status	7
STARTSTATUS Output valid values	STARTED, STOPPED						

## CRESIPCN Resource Table

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

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

The following actions are supported:



**GET** Get data for the named IPCONN.

**External resource name**  
CICSTopologyIPICConnection

**Length**  
48

**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**  
EYUt2835

Table 147. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 148. 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 statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	7
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Yes	Connection name	5
NETNAME	CHAR	INQ	8	DIFF	No	Net name of remote system	6
SERVSTATUS	CVDAS	INQ	4	LIKE	No	Service status	9
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE, GOINGOUT						

## CRESJRNL Resource Table

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

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

There are no object specific actions for this resource class.

### External resource name

#### Length

32

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

Yes

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Manager

#### Copybook identifier

EYUt2804

Table 149. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 150. 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	CV DAS	CPSM	4	LIKE	No	Journal type	4
JTYPE Output valid values	DISK1, DISK2, DISK2PAUSE, SMF, TAPE1, TAPE2						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	6
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
<b>NAME-1</b>	BINARY	CPSM	2	AVG	Yes	Journal	5
OPENSTATUS	CV DAS	INQ	4	LIKE	No	Open status	7

Table 150. CRESJRNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
OPENSTATUS Output valid values	OPENOUTPUT, CLOSED						

## CRESJRNM Resource Table

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

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

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

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyJournalName

**Length**

40

**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**

EYUt2825

Table 151. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 152. CRESJRNM 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 152. CRESJRNM resource table attributes (continued)

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

## 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 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 153. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 154. 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 Possible Data Collect Data User Monitor Definition System Monitor Definition Resource Logically Deleted Resource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Yes	JVM Server name	4

## 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**

40

**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**

EYUt2836

Table 155. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 156. CRESLIBR resource table attributes

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

## CRESMODE Resource Table

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

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

There are no object specific actions for this resource class.

### External resource name

CICSTopologyLU62ModeName

### Length

40

**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**  
EYUt2807

Table 157. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 158. 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	
<b>CONNNAME-2</b>	CHAR	CPSM	4	DIFF	Yes	Connection	6
CONNSTATUS	CVDAS	INQ	4	LIKE	No	Connection status	7
CONNSTATUS Output valid values	RELEASED, OBTAINING, ACQUIRED, FREEING, AVAILABLE, CLOSED						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Yes	Mode name	4

## CRESPART Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**  
CICSTopologyPartner

**Length**  
32

**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**  
EYUt2817

Table 159. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 160. CRESPART resource table attributes

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

## 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 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 161. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 162. 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	
ENABLESTATUS	CV DAS	INQ	4	LIKE	Yes	Enable status	6
ENABLESTATUS Input/output valid values	ENABLED, DISABLED, ENABLING, DISABLING, DISCARDING						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Yes	PIPELINE name	4

## CRESPRGM Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyProgram

**Length**

48

**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**  
EYUt2802

Table 163. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 164. CRESPRGM resource table attributes

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

## CRESPROF Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**  
CICSTopologyProfile

**Length**  
32

**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**  
EYUt2818

Table 165. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 166. CRESPROF resource table attributes

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

## CRESPTY Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**  
CICSTopologyBTSPProcessType

**Length**  
32

**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  
 EYUt2832

Table 167. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 168. CRESPTY resource table attributes

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

## CRESRQMD Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyRequestModel

**Length**

32

**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**

EYUt2831

Table 169. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 170. CRESRQMD resource table attributes

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

## CRESSDMP Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

CICSTopologySystemDump

**Length**

40

**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**  
EYUt2822

Table 171. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 172. CRESSDMP resource table attributes

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

## CRESTCPS Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**  
CICSTopologyTCPIPService

**Length**  
32

**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**  
EYUt2833

Table 173. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 174. CRESTCPS resource table attributes

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

## CRESTDMP Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**  
CICSTopologyTransactionDump

**Length**  
40

**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**

EYUt2823

Table 175. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 176. CRESTDMP resource table attributes

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

**CRESTDQ Resource Table**

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

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

There are no object specific actions for this resource class.



**External resource name**  
CICSTopologyTDQueue

**Length**  
48

**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**  
EYUt2805

Table 177. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 178. CRESTDQ resource table attributes

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

## CRESTERM Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyTerminal

**Length**

40

**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**

EYUt2806

Table 179. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 180. CRESTERM resource table attributes

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

Table 180. CRESTERM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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						

## 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 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 181. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 182. CRESTRAN resource table attributes

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

Table 182. CRESTRAN 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	Transaction monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	8
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
<b>NAME-1</b>	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						

## CRESTRUE Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyTaskRelatedExit

**Length**

40

**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**

EYUt2824

Table 183. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 184. 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	
<b>ENTRYNME-2</b>	CHAR	CPSM	8	DIFF	Yes	Entry name	7
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Yes	Task-related user exit program	4
STARTSTATUS	CVDAS	INQ	4	LIKE	No	Start status	6
STARTSTATUS Output valid values	STARTED, STOPPED						

## CRESTSMD Resource Table

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

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

There are no object specific actions for this resource class.

### External resource name

CICSTopologyTSModel

### Length

32

**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**  
EYUt2829

Table 185. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 186. CRESTSMD resource table attributes

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

## 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 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 187. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 188. CRESURIM 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, DISABLEDHOST						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Yes	URIMAP name	4

## 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 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 189. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 190. 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 statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
<b>NAME-1</b>	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						

## 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 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 or CRESXMLT



### Valid API operations

- GET

### Valid CICS Management Client Interface HTTP methods

- GET

Table 191. CRESXMLT 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	
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	6
ENABLESTATUS Input/Output Valid Values	ENABLED DISABLED					
ENABLESTATUS Output Valid Values	ENABLING DISABLING					
MONSTAT	BIT	CPSM	1	N/A	Monitoring status	5
<b>NAME-1</b>	CHAR	CPSM	32	DIF	XML Transform name	4

---

## 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 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 192. Valid CPSM operations

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

Table 193. CSDGROUP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
21	PARTIAL_ACTION	Partial action	22	NOTHING_ACTIONED	Nothing actioned
23	PARTIAL_INSTALL	Partial install	24	NOTHING_INSTALLED	Nothing installed
25	REC_NOT_REMOVED	Requested resource not removed	26	CSD_ERROR	CSD error

Table 194. CSDGROUP resource table attributes

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

## 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 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 195. Valid CPSM operations

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

Table 196. CSDINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
23	PARTIAL_INSTALL	Partial install	24	NOTHING_INSTALLED	Nothing installed
25	CSD_ERROR	CSD error			

Table 197. 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
<b>CSDGROUP-1</b>	CHAR	CPSM	8	DIFF	CSD group name	4
<b>DEFNAME-2</b>	CHAR	CPSM	8	DIFF	Resource definition	5
<b>DEFTYPE-3</b>	CVDas	CPSM	4	LIKE	CICS resource definition type	6

## 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 CSDGROUP.

There are no object specific actions for this resource class.

**External resource name**  
CICSCSDGroupInList

**Length**  
24

**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**  
EYUt3750

Table 198. Valid CPSM operations

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

Table 199. CSDINLST FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found

Table 199. CSDINLST FEEDBACK error codes (continued)

21	REC_NOT_REMOVED	Requested resource not removed	22	CSD_ERROR	CSD error
----	-----------------	--------------------------------	----	-----------	-----------

Table 200. CSDINLST resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CICSSYS	CHAR	CPSM	8	DIFF	CICS system name	6
<b>CSDGROUP-2</b>	CHAR	CPSM	8	DIFF	CSD group name	5
<b>CSDLIST-1</b>	CHAR	CPSM	8	DIFF	CSD list name	4

## 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 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 201. Valid CPSM operations

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

Table 202. CSDLIST FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
21	PARTIAL_INSTALL	Partial install	22	NOTHING_INSTALLED	Nothing installed
23	PARTIAL_ACTION	Partial action	24	NOTHING_ACTIONED	Nothing actioned
25	CSD_ERROR	CSD error			

Table 203. CSDLIST resource table attributes

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

---

## CSGLCGCG Resource Table

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

The **Primary** key field for this resource class is TOGROU.P.

There are no object specific actions for this resource class.

**External resource name**

CICSSystemGroupToSystemGroup

**Length**

56

**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**

EYUt4099

*Table 204. Valid CPSM operations*

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

*Table 205. CSGLCGCG FEEDBACK error codes*

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

*Table 206. CSGLCGCG resource table attributes*

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CV DAS	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
<b>GROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Group within containing group	5
<b>TOGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name of containing group	6

## CSGLCGCS Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

CICSSystemToSystemGroup

**Length**

56

**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**

EYUt4098

Table 207. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		MONSPC_INHRT(KEEP   NONE   FORCE) RTASPC_INHRT(KEEP   NONE   FORCE) WLMSPC_INHRT(KEEP   NONE   FORCE)	
REMOVE		MONSPC_INHRT(NONE   KEEP) RTASPC_INHRT(NONE   KEEP) WLMSPC_INHRT(NONE   KEEP)	

Table 208. CSGLCGCS FEEDBACK error codes

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



Table 209. 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
<b>CICSNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CICS system	6
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	8
<b>GROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CICS system group	5

## CSYSDEF Resource Table

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

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

There are no object specific actions for this resource class.

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

### TMEZONE

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

### TMEZONEO

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

### BOTRSUP, CICSSAMP, CONNSAMP, DBXSAMP, FILESAMP, GLBLSAMP, JRNLSAMP, PROGSAMP, RETENTION, 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**

456

**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**

EYUt3500

Table 210. Valid CPSM operations

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

Table 211. CSYSDEF FEEDBACK error codes

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

Table 212. 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
AINSFAIL	EYUDA	CPSM	4	Yes	LIKE	No	BAS install failure action	CONTINUE		45
AINSFAIL 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, COLDOONLY, WARMOONLY									
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
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
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									

Table 212. CSYSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
DBXSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for DB2/DBCTRL monitoring	INHERIT	0-86400	10
DESC	CHAR	CPSM	58	No	DIFF	No	Description			38
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	47
DYNROUTE	EYUDA	CPSM	4	Yes	LIKE	No	Target region active at startup	YES		6
DYNROUTE Input/output valid values	YES, NO									
FILESAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for file monitoring	INHERIT	0-86400	12
GLBLSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for global region monitoring	INHERIT	0-86400	9
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									
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CICS system definition name			5
NETWORKID	CHAR	CPSM	8	No	DIFF	No	Network ID			48
PORT	CHAR	CPSM	8	No	DIFF	No	Port number		1-65535	50

Table 212. CSYSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
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									
SECBPASS	EYUDA	CPSM	4	Yes	LIKE	No	Exemption from simulated security checks	INHERIT		23
SECBPASS Input/output valid values	YES, NO, INHERIT									

Table 212. CSYSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
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									
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

Table 212. CSYSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
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

## CSYSGRP Resource Table

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

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

**External resource name**  
CICSRegionGroup

**Length**  
112

**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**

EYUt3501

Table 213. 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 214. CSYSGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Group does not exist	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	21	INV_GROUP	Invalid group
22	SYSGROUP_IN_USE	System group in use	23	ASSOCIATION	Togroup matches group
24	INCONSISTENT_SETS	Set inconsistent	25	CYCLIC_GROUPS	Link causes cyclic groups
26	INCONSISTENT_SCOPES	Scope inconsistent			

Table 215. CSYSGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	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



Table 215. 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
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
<b>GROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	System group name			5

## D2CINGRP Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6162

Table 216. Valid CPSM operations

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

Table 217. D2CINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
-------	------	-------------	-------	------	-------------

Table 217. D2CINGRP FEEDBACK error codes (continued)

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

Table 218. D2CINGRP 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
<b>DB2CGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>DB2CNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	DB2 connection definition name	6
<b>DB2CVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	DB2 connection definition version	7

## D2EINGRP Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

Only query CMASs in workload

No

Object type

CICSPlex SM Definition

Copybook identifier

EYUt6163

Table 219. Valid CPSM operations

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

Table 220. D2EINGRP FEEDBACK error codes

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

Table 221. D2EINGRP 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
<b>DB2EGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>DB2ENAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	DB2 entry definition name	6
<b>DB2EVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	DB2 entry definition version	7

## D2TINGRP Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6164

Table 222. Valid CPSM operations

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

Table 223. D2TINGRP FEEDBACK error codes

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

Table 224. 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	DREPAPI						Input/output valid values	
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 224. D2TINGRP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
<b>DB2TGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>DB2TNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	DB2 transaction definition name	6
<b>DB2TVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	DB2 transaction definition version	7

## DB2CDEF Resource Table

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

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

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

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

The following actions are supported:

### ADDTOGRP

Adds a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

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

### CSDINSTALL

Install a CICS CSD resource definition into an active system.

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

### 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

272

**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**  
CICS Definition

**Copybook identifier**  
EYUt3817

Table 225. 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 SET	INSTALL	FORCEINS(YES NO)	No
		MODE(value)	No
		NOTIFY(NO INACTIVE REMOVE REPLACE FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET RELATED NONE 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 226. DB2CDEF FEEDBACK error codes

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

Table 226. DB2CDEF FEEDBACK error codes (continued)

33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 227. DB2CDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ACCOUNTREC	CV DAS	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	CV DAS	CPSM	4	Yes	LIKE	No	Pool thread authorization type	NOTAPPLIC			24
AUTHTYPE Input/output valid values	USERID, GROUP, TERM, TX, OPID, SIGN, NOTAPPLIC										
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	43

Table 227. DB2CDEF 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	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
<b>CSDGROUP-3</b>	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
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	87	0-99999999		42
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				38



Table 227. DB2CDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
NONTERMREL	EYUDA	CPSM	4	Yes	LIKE	No	Non-terminal transaction thread-release option	YES			14
NONTERMREL Input/output valid values	YES, NO										
PLAN	CHAR	CPSM	8	No	DIFF	No	Name of plan used for pool				26
PLANEXITNAME	CHAR	CPSM	8	No	DIFF	No	Name of dynamic plan exit used for pool threads				27
PRIORITY	CVDAS	CPSM	4	Yes	LIKE	No	TCB priority	HIGH			28
PRIORITY Input/output valid values	HIGH, LOW, EQUAL										
PURGECYCLEM	CHAR	CPSM	2	Yes	DIFF	No	Protected thread purge cycle (minutes)	0	0-59		15

Table 227. DB2CDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
PURGECYCLES	CHAR	CPSM	2	Yes	DIFF	No	Protected thread purge cycle (seconds)	30	0-59		16
RESYNCMEMBER	EYUDA	CPSM	4	Yes	LIKE	No	Resynchronization member	YES			41
RESYNCMEMBER Input/output valid values	YES, NO										
SIGNID	CHAR	CPSM	8	No	DIFF	No	Authorization ID used by CICS-DB2 attach				17
STANDBYMODE	CV DAS	CPSM	4	Yes	LIKE	No	Standby mode	RECONNECT			18
STANDBYMODE Input/output valid values	RECONNECT, NOCONNECT, CONNECT										
STATSQQUEUE	CHAR	CPSM	4	Yes	DIFF	No	Attachment statistics TDQ name	DB2			19
TCBLIMIT	CHAR	CPSM	4	Yes	DIFF	No	Maximum number of connections into DB2	12	4-2000		20
THREADERROR	CV DAS	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

---

## 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

392

**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

EYU0086

Table 228. Valid CPSM operations

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

Table 229. 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								
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								
COMTHREADLIM	CNUMERIC	INQ	4	AVG	Yes	Maximum number of command threads			6
COMTHREADS	CNUMERIC	INQ	4	AVG	No	Number of active command threads			5

Table 229. DB2CONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
CONNECTERROR	CVDAS	INQ	4	LIKE	Yes	Connection error processing option			9
CONNECTERROR Input/output valid values	ABEND, SQLCODE								
CONNECTST	CVDAS	INQ	4	LIKE	Yes	Connection status			10
CONNECTST Input/output valid values	CONNECTED, NOTCONNECTED								
CONNECTST Output valid values	CONNECTING, DISCONNING								
CSIGNONS	CNUMERIC	STAT	4	AVG	No	Number of command thread signons			56
CTCURR	CNUMERIC	STAT	4	AVG	No	Current number of command threads			60
CTHWM	CNUMERIC	STAT	4	AVG	No	Peak number of command threads			61
CTIMEGMT	TIMESTP	STAT	8	MAX	No	GMT connect time			32
CTIMELOC	TIMESTP	STAT	8	MAX	No	Local connect time			33
CTLIMIT	CNUMERIC	STAT	4	AVG	No	Maximum number of command threads			59
CTOVERF	CNUMERIC	STAT	4	AVG	No	Number of command thread overflows to pool			58
CTTERM	CNUMERIC	STAT	4	AVG	No	Number of command thread terminations			57
DB2GROUPID	CHAR	INQ	4	DIFF	Yes	DB2 data sharing group ID			65
DB2ID	CHAR	INQ	4	DIFF	Yes	DB2 subsystem ID			11
DB2RELEASE	CHAR	INQ	4	DIFF	No	DB2 version and release			12
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

Table 229. DB2CONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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
<b>NAME-1</b>	CHAR	INQ	8	DIFF	Yes	DB2 connection name			1
NONTERMREL	CVDAS	INQ	4	LIKE	Yes	Non-terminal transaction thread-release option			17
NONTERMREL Input/output valid values	RELEASE, NORELEASE								
PABORTS	CNUMERIC	STAT	4	AVG	No	Number of pool thread aborts			42
PCALLS	CNUMERIC	STAT	4	AVG	No	Number of calls using pool threads			39
PCOMMITS	CNUMERIC	STAT	4	AVG	No	Number of pool thread commits			41
PLAN	CHAR	INQ	8	DIFF	Yes	Name of plan used for pool			18
PLANEXITNAME	CHAR	INQ	8	DIFF	Yes	Name of dynamic plan exit used for pool threads			19
PRIORITY	CVDAS	INQ	4	LIKE	Yes	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

Table 229. DB2CONN resource table attributes (continued)

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

---

## 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:

### **ADDTGRP**

Adds a resource to the specified resource group.

### **CSDCOPY**

Copy a CICS CSD resource definition.

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

### **CSDINSTALL**

Install a CICS CSD resource definition into an active system.

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

### **INSTALL**

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

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 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 230. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No



Table 230. Valid CPSM operations (continued)

		CSDGROUP(value)	No
CREATE		RESGROUP(value)	No
		CSD	No
UPDATE		RESGROUP(value)	No
REMOVE		CSD	No
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
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR DUPNOREPLACE DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 231. DB2EDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELISTEND	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify

Table 231. DB2EDEF FEEDBACK error codes (continued)

41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 232. 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
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

Table 232. DB2EDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	27
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				20
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	30
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	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										
<b>NAME-1</b>	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	CV DAS	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

Table 232. DB2EDEF resource table attributes (continued)

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

## DB2ENTRY Resource Table

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

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

The following actions are supported:

### DISCARD

Discard the DB2 entry.

### DISABLE

Disable the DB2 entry.

The parameter data for the DISABLE action is:

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

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

WAIT  
NOWAIT  
FORCE

### External resource name

CICSDB2Entry

### Length

232

**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

EYUt0087

Table 233. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 233. Valid CPSM operations (continued)

SET		None	N/A
PERFORM SET	DISABLE	BUSY(WAIT   NOWAIT   FORCE)	None
	DISCARD	None	N/A
	ENABLE	None	N/A

Table 234. 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								
BASDEFINEVER	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

Table 234. DB2ENTRY resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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
<b>NAME-1</b>	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
PTCURR	CNUMERIC	STAT	4	AVG	No	Current number of protected threads			28
PTHREADS	CNUMERIC	INQ	4	AVG	No	Number of protected threads			4
PTHWM	CNUMERIC	STAT	4	AVG	No	Peak number of protected threads			29
PTLIM	CNUMERIC	STAT	4	AVG	No	Maximum number of protected threads			27
RQCUR	CNUMERIC	STAT	4	AVG	No	Current number of tasks waiting for thread			33
RQHWM	CNUMERIC	STAT	4	AVG	No	Peak number of tasks waiting for thread			34
SIGNONS	CNUMERIC	STAT	4	AVG	No	Number of signons			17
SPHASE	CNUMERIC	STAT	4	AVG	No	Number of UOWs with single phase commit			20
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

Table 234. DB2ENTRY resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
TLIMIT	CNUMERIC	STAT	4	AVG	No	Maximum number of threads			24
TREUSE	CNUMERIC	STAT	4	AVG	No	Number of times threads reused			21
TTERM	CNUMERIC	STAT	4	AVG	No	Number of times threads terminated			22
TWORO	CNUMERIC	STAT	4	AVG	No	Number of thread waits or overflows			23
XCURR	CNUMERIC	STAT	4	AVG	No	Current number of tasks			30
XHWM	CNUMERIC	STAT	4	AVG	No	Peak number of tasks			31
XTOTAL	CNUMERIC	STAT	4	AVG	No	Total number of tasks			32

## DB2SS Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

**Length**

80

**Usage** API or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0032

Table 235. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 236. DB2SS resource table attributes

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

Table 236. DB2SS 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	
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
<b>NAME-1</b>	CHAR	CPSM	4	DIFF	Yes	DB2 ID	1
PLANENTRTRC	BINARY	CPSM	2	AVG	No	Plan allocation entry trace ID	13
PLANEXITTRC	BINARY	CPSM	2	AVG	No	Plan allocation exit trace ID	14
RCTNAME	CHAR	CPSM	8	DIFF	No	Resource control table	6
RELEASE	CHAR	CPSM	4	DIFF	No	DB2 subsystem release level	3
SNAPCLASS	CHAR	CPSM	1	DIFF	No	Snap dump output class	16
SQLTRCID	BINARY	CPSM	2	AVG	No	SQL trace ID	15
STATSDEST	CHAR	CPSM	4	DIFF	No	Transient data destination for CICS DB2 statistics	7
STATUS	EYUDA	CPSM	4	LIKE	No	DB2 CICS attachment status	4
STATUS Output valid values	ACTIVE, INACTIVE, WAITING, QUIESCING, CONNECTING, DISCONNECTING						
WAIT	EYUDA	CPSM	4	LIKE	No	Wait for DB2 subsystem option	5
WAIT Output valid values	YES, NO, RECONNECT						

## DB2TDEF Resource Table

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

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

The **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

Adds a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

The parameter data for the CSDCOPY action is described in "Managing CICS definitions in the CSD" on page 14.

### CSDINSTALL

Install a CICS CSD resource definition into an active system.



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

**INSTALL**

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

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 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 237. 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 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		
		ADDTOGRP	RESGROUP(value)	Yes	
		CSDINSTALL	None	N/A	
		CSDCOPY		AS_RESOURCE(value)	No
				DUPACTION(DUPERROR DUPNOREPLACE DUPREPLACE)	No
				TO_CSDGROUP(value)	No

Table 238. DB2TDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 239. 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
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	21
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	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
<b>NAME-1</b>	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

## DB2THRD Resource Table

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

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

**External resource name**

**Length**

96

**Usage** API or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0033

Table 240. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 241. 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						
<b>INITTRAN-1</b>	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

Table 241. DB2THRD resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
PLANNAME	CHAR	CPSM	8	DIFF	No	Plan	10
PLANPRGM	CHAR	CPSM	8	DIFF	No	Dynamic plan exit for pool threads	9
READCOMMIT	BINARY	CPSM	4	AVG	No	Number of read-only commits	15
ROLLBACKOPT	EYUDA	CPSM	4	LIKE	No	Rollback option	4
ROLLBACKOPT Output valid values	YES, NO						
RSVTHREADS	BINARY	CPSM	4	AVG	No	Number of reserved threads	7
THREADHWM	BINARY	CPSM	2	AVG	No	Peak number of concurrent threads in use	17
THREADWAIT	BINARY	CPSM	4	AVG	No	Number of thread waits	13
THREADWOPT	EYUDA	CPSM	4	LIKE	No	Thread wait option	8
THREADWOPT Output valid values	TWAIT, NOTWAIT, POOL, YES, NO, NA						
USECOUNT	BINARY	CPSM	4	AVG	No	Number of times plan used	12

## DB2TRAN Resource Table

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

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

There are no object specific actions for this resource class.

### External resource name

#### Length

24

#### Usage

API

#### API view

Yes

#### CMAS context

No

#### SCOPE applies

Yes

#### Only query CMASs in workload

No

#### Object type

CICS Resource

#### Copybook identifier

EYUt0034

Table 242. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 243. 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	
<b>INITTRAN-1</b>	CHAR	CPSM	4	DIFF	Yes	Initial transaction	1
<b>NAME-2</b>	CHAR	CPSM	4	DIFF	Yes	Associated transaction ID	2

## DB2TRN Resource Table

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

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

The following actions are supported:

### DISCARD

Discard the DB2 transaction.

These actions require no unique parameter data.

### External resource name

CICSDB2Transaction

### 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

EYU0088

Table 244. Valid CPSM operations

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

Table 245. 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
<b>NAME-1</b>	CHAR	INQ	8	DIFF	Yes	DB2 transaction name			1
PLAN	CHAR	CPSM	8	DIFF	No	Plan name			4
PLANEXITNAME	CHAR	CPSM	8	DIFF	No	Plan exit name			5
TRANSID	CHAR	INQ	4	DIFF	Yes	Transaction ID associated with DB2 entry			3

## DBCTLSS Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**  
CICSDBCTLSubsystem

**Length**  
104

**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**

EYUt0031

Table 246. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 247. DBCTLSS resource table attributes

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



## 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:

### ADDTOGRP

Adds a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

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

### CSDINSTALL

Install a CICS CSD resource definition into an active system.

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

### INSTALL

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

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 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 248. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No

Table 248. Valid CPSM operations (continued)

		CSDGROUP(value)	No
CREATE		RESGROUP(value)	No
		CSD	No
UPDATE		RESGROUP(value)	No
REMOVE		CSD	No
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
	ADDTOGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR DUPNOREPLACE DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 249. DOCDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELISTEND	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify

Table 249. DOCDEF FEEDBACK error codes (continued)

41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 250. 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

Table 250. DOCDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	31
DDNAME	CHAR	CPSM	8	No	DIFF	No	DDname of partitioned data set				10
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	0-99999999		26
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				20
DOCTYPE	CVDAS	CPSM	4	Yes	LIKE	No	Document content type	EBCDIC			24
DOCTYPE Input/output valid values	EBCDIC, BINARY										
EXITPGM	CHAR	CPSM	8	No	DIFF	No	Exit program name				8
FILE	CHAR	CPSM	8	No	DIFF	No	File name				9
HFSFILE	CHAR	CPSM	255	No	DIFF	No	Hierarchical File System template file				25
MEMBERNAME	CHAR	CPSM	8	No	DIFF	No	Member of partitioned data set				11
<b>NAME-1</b>	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

## DOCINGRP Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6169

Table 251. Valid CPSM operations

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

Table 252. DOCINGRP FEEDBACK error codes

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

Table 253. 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
<b>DOCGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>DOCNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Document template definition name	6
<b>DOCVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	Document template definition version	7

## DOCTEMP Resource Table

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

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

The following actions are supported:

### DISCARD

Discard a Document Template

These actions require no unique parameter data.

### External resource name

CICSDocumentTemplate

### Length

536

**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

EYUt0105

Table 254. Valid CPSM operations

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

Table 254. Valid CPSM operations (continued)

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

Table 255. 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
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								

Table 255. DOCTEMP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
DSNAME	CHAR	CPSM	44	DIFF	No	Data set name of partitioned data set			11
EXITPGM	CHAR	CPSM	8	DIFF	No	Exit program name			2
FILE	CHAR	CPSM	8	DIFF	No	File name			3
HFSFILE	CHAR	CPSM	255	DIFF	No	Hierarchical File System template file			14
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
<b>NAME-1</b>	CHAR	INQ	8	DIFF	Yes	Document template name			1
NEWCOPYCNT	BINARY	STAT	4	AVG	No	Total number of NEWCOPY requests issued		E640	19
PROGRAM	CHAR	CPSM	8	DIFF	No	Program name			6
READCOUNT	BINARY	STAT	4	AVG	No	Total number of DOCTEMPLATE reads		E640	20
TDQUEUE	CHAR	CPSM	4	DIFF	No	Transient data queue name			8
TEMPLATENAME	CHAR	CPSM	48	DIFF	No	Extended document template name			10
TEMPLATETYPE	CVDAS	CPSM	4	LIKE	No	Document template type			9
TEMPLATETYPE Output valid values	MEMBER, FILE, PROGRAM, TSQUEUE, TDQUEUE, EXITPGM, HFS								
TSQUEUE	CHAR	CPSM	16	DIFF	No	Temporary storage queue name			7
USECOUNT	BINARY	STAT	4	AVG	No	Total number of times DOCTEMPLATE has been used		E640	18

## DOMSPOOL Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**  
CICSDomainSubpool



**Length**

144

**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**

EYUt0118

Table 256. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 257. 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
PAGELEMPCT	PERCENT3	CPSM	4	AVG	No	Percentage of page pool used by elements	34
PAGEPAGEPCT	PERCENT3	CPSM	4	AVG	No	Percentage of page pool used by pages	35
PAGEPAGPPCT	PERCENT3	CPSM	4	AVG	No	Peak percentage of page pool used by pages	36
SMDACCESS	EYUDA	STAT	4	LIKE	No	Subpool access type	15
SMDACCESS Output valid values	CICS, USER, READONLY						
SMDBNDRY	BINARY	STAT	4	AVG	No	Subpool element boundary	13
SMDCELEM	BINARY	STAT	4	AVG	No	Current number of elements	21
SMDCES	BINARY	STAT	4	AVG	No	Sum of all element lengths	19
SMDCPS	BINARY	STAT	4	AVG	No	Current page storage	20
SMDDSANAME	CHAR	INQ	8	DIFF	No	Name of dynamic storage area (DSA)	6
SMDELCHN	BIT	STAT	1	LIKE	No	Element chaining indicator	10
SMDETYPE	BIT	STAT	1	LIKE	No	Subpool element type	7
SMDFLEN	BINARY	STAT	4	AVG	No	Subpool element length	9
SMDFMREQ	BINARY	STAT	4	AVG	No	Number of FREEMAIN requests	18

Table 257. DOMSPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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						
<b>SMDSPN-1</b>	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

## 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**

EYU0013

Table 258. Valid CPSM operations

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

Table 259. 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
<b>JOURNALNUM-1</b>	BINARY	INQ	2	AVG	Yes	Journal number	1
OPENSTATUS	CVDAS	INQ	4	LIKE	Yes	Open status	4
OPENSTATUS Input/output valid values	OPENOUTPUT, CLOSED						
OPENSTATUS Input valid values	ADVANCE, CLOSELEAVE						
RECWCNT	DECIMAL	STAT	5	AVG	No	Number of records written	13
TYPE	CVDAS	INQ	4	LIKE	No	Journal type	3
TYPE Output valid values	TAPE1, TAPE2, DISK1, DISK2, DISK2PAUSE, SMF						

---

## DSNAME Resource Table

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

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

The following actions are supported:

### **BACKOUT**

Back out shunted 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**

176

**Usage** API 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 260. 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 261. DSNNAME resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ACCESSMETHOD	CVDAS	INQ	4	LIKE	No	Access method		2
ACCESSMETHOD Input/output valid values	VSAM, BDAM, NOTAPPLIC							
AVAILABILITY	CVDAS	INQ	4	LIKE	Yes	Availability status		12
AVAILABILITY Input/output valid values	AVAILABLE, UNAVAILABLE							
AVAILABILITY Output valid values	NOTAPPLIC							
BACKUPTYPE	CVDAS	INQ	4	LIKE	No	Type of backup		3
BACKUPTYPE Output valid values	STATIC, DYNAMIC, UNDETERMINED, NOTAPPLIC							
BASEDSNAME	CHAR	INQ	44	DIFF	No	Base data set name		4
BKOUTSTATUS	CVDAS	INQ	4	LIKE	Yes	Backout status	E510P	15
BKOUTSTATUS Input/output valid values	NORMALBKOUT, FAILEDBKOUT							
BKOUTSTATUS Output valid values	FAILINGBKOUT, NOTAPPLIC							
<b>DSNAME-1</b>	CHAR	INQ	44	DIFF	Yes	Data set name		1

Table 261. DSNAME resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
FILECOUNT	BINARY	INQ	4	AVG	No	Number of file definitions that reference data set		6
FWDRECOVLOG	CNUMERIC	INQ	2	AVG	No	Journal number		10
FWDRECOVLSN	CHAR	INQ	26	DIFF	No	Forward recovery log stream name		11
LOSTLOCKS	CVDAS	INQ	4	LIKE	No	Lost locks status		13
LOSTLOCKS Output valid values	NOLOSTLOCKS, REMLOSTLOCKS, RECOVERLOCKS, NOTAPPLIC							
OBJECT	CVDAS	INQ	4	LIKE	No	Data set type		7
OBJECT Output valid values	BASE, PATH, NOTAPPLIC							
QUIESCESTATE	CVDAS	INQ	4	LIKE	Yes	Record level sharing (RLS) quiesce state		14
QUIESCESTATE Input/output valid values	UNQUIESCED, QUIESCED							
QUIESCESTATE Output valid values	QUIESCING, NOTAPPLIC							
RECOVSTATUS	CVDAS	INQ	4	LIKE	No	Recovery status		8
RECOVSTATUS Output valid values	RECOVERABLE, FWDRECOVABLE, NOTRECOVABLE, UNDETERMINED, NOTAPPLIC							
RETLOCKS	CVDAS	INQ	4	LIKE	No	Retained record locks status		15
RETLOCKS Output valid values	RETAINED, NORETAINED							
VALIDITY	CVDAS	INQ	4	LIKE	No	Data set validity status		9
VALIDITY Output valid values	VALID, INVALID							

## DSPGBL Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**  
CICSGlobalDispatcher

**Length**  
88

**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**

EYUt0131

Table 262. Valid CPSM operations

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

Table 263. DSPGBL resource table attributes

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

## DSPMODE Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**  
CICSTCBMode

**Length**  
128

**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**  
EYUt0132

Table 264. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 265. DSPMODE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
DSGACT	INTTSTP	STAT	8	LIKE	No	Total CPU time used by this TCB	28
DSGNTCBA	BINARY	STAT	4	AVG	No	Number of TCB attaches	10
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



Table 265. DSPMODE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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 numberNot applicableOpenJVMHot poolingXPLinkSSLTHREADED	8
DSGTCBMP Input/output valid values	0 (NOTAPPLI), 1 (OPEN), 2 (JVM), 3 (HOTPOOL), 3 (XPLINK), 4 (SSL), 5 (THREADED)						
<b>DSGTCBNM-1</b>	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
DSGTWT	INTTSTP	STAT	8	LIKE	No	Real time CICS spent in MVS wait	25
TCBPOOLN	EYUDA	CPSM	4	LIKE	No	TCB mode pool name	29
TCBPOOLN Output valid values	OPEN, JVM, HOTPOOL, XPLINK, SSL, THREADED						

## 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**  
136

**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**  
EYUt0133

Table 266. Valid CPSM operations

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

Table 267. DSPPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
DSGCMMWS	BINARY	STAT	4	AVG	No	Current TCB Mismatch waits	26
DSGCMMWT	INTTSTP	STAT	8	LIKE	No	Current TCB Mismatch wait time	25
DSGCNUAT	BINARY	STAT	4	AVG	No	Current number of TCBs attached	8
DSGCNUUS	BINARY	STAT	4	AVG	No	Current number of TCBs in use	10
DSGCURNW	BINARY	STAT	4	AVG	No	Current number of tasks waiting for TCB	17
DSGCURWT	INTTSTP	STAT	8	LIKE	No	Current waiting time at TCB limit	15
DSGMMWTM	INTTSTP	STAT	8	LIKE	No	Total TCB Mismatch wait time	24
DSGMMWTS	BINARY	STAT	4	AVG	No	Total TCB Mismatch waits	23
DSGMXTCB	BINARY	STAT	4	AVG	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
<b>POOLNAME-1</b>	CHAR	CPSM	12	DIFF	Yes	TCB pool name	19

## DTRINGRP Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**  
CICSTransactionInGroup

**Length**

56

**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**

EYUt5379

Table 268. Valid CPSM operations

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

Table 269. DTRINGRP FEEDBACK error codes

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

Table 270. 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							
<b>TRANGRP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Transaction group	5
<b>TRANID-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Transaction	6

## EACTNTFN Resource Table

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

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

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

**External resource name**

**Length**

104

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2527

Table 271. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 272. EACTNTFN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTDEF	CHAR	CPSM	8	LIKE	Action name	8
ACTION	BINARY	CPSM	1	LIKE	Control action Create external ntfn Update external ntfn Remove external ntfn External ntfn resolved	11
ACTION Input/output valid values	1 (CREATE), 2 (UPDATE), 3 (REMOVE), 4 (RESOLVED)					
ACTNAME	CHAR	CPSM	8	LIKE	External event name	7
DEFTYPE	BINARY	CPSM	1	LIKE	Action reference type RTASAM sensed condition APM RTADEF True transition MRM true transition	10
DEFTYPE Input/output valid values	1 (SAM), 2 (APM), 3 (MRM)					
KEY	CHAR	CPSM	44	LIKE	Resource key	14
NTFNTYPE	BIT	CPSM	1	LIKE	Type of external notification CPSM Event External Message SNA Alert	9
NTFNTYPE Input/output valid values	128 (EVENT), 64 (EXTMSG), 32 (ALERT)					

Table 272. EACTNTFN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
RESTYPE	CHAR	CPSM	8	LIKE	Resource type	13
SCOPE	CHAR	CPSM	8	LIKE	Scope target	5
SEVERITY	EYUDA	CPSM	4	LIKE	Current severity	12
SEVERITY Output valid values	VLS, LS, LW, HW, HS, VHS					
SPEC	CHAR	CPSM	8	LIKE	RTA or analysis point specification name	6

## ECSYSCHG Resource Table

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

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

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

**External resource name**

**Length**

24

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2518

Table 273. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 274. ECSYSCHG resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	BINARY	CPSM	1	LIKE	ActionCICS System AddCICS System UpdateCICS System Remove	6
ACTION Input/output valid values	1 (CSYSADD), 2 (CSYSUPD), 3 (CSYSREM)					

Table 274. ECSYSCHG resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CICSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
CICSplex	CHAR	CPSM	8	LIKE	CICSplex name	4

## EDEFCHG Resource Table

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

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

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

### External resource name

#### Length

64

#### Usage

None

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Notification

#### Copybook identifier

EYUt2464

Table 275. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 276. EDEFCHG resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Type of action Record Added Record Updated Record Deleted Generic Delete Internal Delete	9
ACTION Input/output valid values	1 (ADD), 2 (UPDT), 3 (DELETE), 4 (GENDEL), 5 (INTDEL)					
CHANGE_TIME	BINARY	CPSM	8	LIKE	Change time	18
CONTEXT	CHAR	CPSM	8	LIKE	Context of record	4
FORTH_ID	RESTYPE	CPSM	2	LIKE	Forth ID	15
FORTH_NAME	CHAR	CPSM	8	LIKE	Forth name	16
FORTH_VER	BINARY	CPSM	1	LIKE	Forth version	17
MAJOR_ID	RESTYPE	CPSM	2	LIKE	Major resource type	5

Table 276. EDEFCHG resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
MAJOR_NAME	CHAR	CPSM	8	LIKE	Major name	6
MAJOR_VER	BINARY	CPSM	1	LIKE	Major version	10
MINOR_ID	RESTYPE	CPSM	2	LIKE	Minor resource type	7
MINOR_NAME	CHAR	CPSM	8	LIKE	Minor name	8
MINOR_VER	BINARY	CPSM	1	LIKE	Minor version	11
QUAL_ID	RESTYPE	CPSM	2	LIKE	Qualifier ID	12
QUAL_NAME	CHAR	CPSM	8	LIKE	Qualifier name	13
QUAL_VER	BINARY	CPSM	1	LIKE	Qualifier version	14

## EJCINGRP Resource Table

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

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

There are no object specific actions for this resource class.

### External resource name

#### Length

56

**Usage** API or Batch Utility

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6176

Table 277. Valid CPSM operations

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

Table 278. EJCINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 278. EJCINGRP FEEDBACK error codes (continued)

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

Table 279. 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
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
<b>EJCGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>EJCNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CorbaServer definition name	6
<b>EJCVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	CorbaServer definition version	7

## EJCOBEAN Resource Table

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

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

There are no actions supported against it.

### External resource name

CICSBeansInCorbaServer

### Length

312

**Usage** API 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 280. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 281. 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
<b>BEANNAME-2</b>	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
<b>NAME-1</b>	CHAR	INQ	4	DIFF	Yes	CorbaServer name	1

---

## EJCODEF Resource Table

A CICS Definition that describes a CorbaServer.

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

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

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

The following actions are supported:

### ADDTOGRP

Add a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

The parameter data for the CSDCOPY action is described in "Managing CICS definitions in the CSD" on page 14.

### CSDINSTALL

Install a CICS CSD resource definition into an active system.

The parameter data for the CSDCOPY action is described in "Managing CICS definitions in the CSD" on page 14.

**INSTALL**

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

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 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 282. 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 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
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR DUPNOREPLACE DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 283. EJCODEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 283. EJCDEF FEEDBACK error codes (continued)

1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	NOT_SUPPORTED	Attribute obsolete and unsupported	56	INV_CSDGROUP	Invalid CSD group
57	REC_NOT_REMOVED	Record not removed	58	INV_RESOURCE	Invalid resource
59	INV_CICS_RESTYPE	Invalid CICS restype	60	PARTIAL_ACTION	Partial action
61	NOTHING_ACTIONED	Nothing actioned	62	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 283. EJCODEF FEEDBACK error codes (continued)

63	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required	67	CSD_ERROR	CSD error
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Table 284. 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										
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

Table 284. EJCODEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	37
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	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
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
OUTPRIVACY	CVDAS	CPSM	4	No	LIKE	No	Outbound privacy	SUPPORTED		E640P	130S
OUTPRIVACY Input/output valid values	REQUIRED, SUPPORTED, NOTSUPPORTED										
PORT	CHAR	CPSM	5	No	DIFF	No	TCP/IP port number		1-65535	E620P	16S
SESSBEANTIME	CHAR	CPSM	6	Yes	DIFF	No	Session bean timeout (DDHHMM)	000010			19
SHELF	CHAR	CPSM	255	No	DIFF	No	Hierarchical file system (HFS) shelf directory	var/cicsts			20
SSL	EYUDA	CPSM	4	No	LIKE	No	Secure socket layer (SSL) usage	NO		E620P	13S
SSL Input/output valid values	YES, NO, CLIENTCERT										
SSLPORT	CHAR	CPSM	5	No	DIFF	No	Secure socket layer (SSL) port number		1-65535	E620P	17S
SSLPORT Input/output valid values	NO										

Table 284. EJCODEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
SSLUNAUTH	CHAR	CPSM	8	No	DIFF	No	TCP/IP service for SSL AUTHENTICATED protocol	AUTHENTICATE=NO			27
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Status	ENABLED			28
STATUS Input/output valid values	ENABLED, DISABLED										
UNAUTH	CHAR	CPSM	8	Yes	DIFF	No	TCP/IP service for unauthenticated protocol				25
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				12

## EJCOSE Resource Table

A CICS Resource that describes a CorbaServer object being managed by CICSplex SM.

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

The following actions are supported:

### **PUBLISH**

Publish the Corbaserver to the JNDI directory.

### **RETRACT**

Retract the CorbaServer from the JNDI directory.

### **DISCARD**

Discard the CorbaServer from its associated MAS.

### **External resource name**

CICSCorbaServer

### **Length**

1344

**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**

EYUt0108

Table 285. Valid CPSM operations

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

Table 286. 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, CREATESPI, 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

Table 286. EJCOSE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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, CREATESPI, 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
JNDIPREFIX	CHAR	INQ	255	DIFF	No	Java naming directory (JNDI) prefix			7
<b>NAME-1</b>	CHAR	INQ	4	DIFF	Yes	CorbaServer name			1
NUMCIPHERS	BINARY	INQ	2	LIKE	No	Number of SSL cipher suite codes			23
OBJECTIVATES	BINARY	STAT	4	AVG	No	Number of Object Activates			17
OBJSTORES	BINARY	STAT	4	AVG	No	Number of Object Stores			18
OUTPRIVACY	CVDAS	INQ	4	LIKE	Yes	Outbound privacy			21
OUTPRIVACY Input/output valid values	REQUIRED, SUPPORTED, NOTSUPPORTED								
PORT	BINARY	INQ	4	AVG	No	TCP/IP port number		E620P E650	15
SESSBEANTIME	BINARY	INQ	4	AVG	Yes	Session bean timeout (minutes)			2
SHELF	CHAR	INQ	255	DIFF	No	Hierarchical file system (HFS) shelf directory			10
SSL	CVDAS	INQ	4	LIKE	No	Secure sockets layer (SSL) usage	NOSSL	E620P E650	15
SSL Output valid values	NOSSL, SSL, CLIENTCERT								



Table 286. EJCOSSE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
SSLPORT	BINARY	INQ	4	AVG	No	Secure sockets layer (SSL) port number		E620P	14
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	E630P	14
STATE Output valid values	INITING, INSERVICE, PENDINIT, PENDRESOLVE, UNRESOLVED, UNUSABLE, DISCARDING, RESOLVING								
UNAUTH	CHAR	INQ	8	DIFF	No	TCP/IP service for unauthenticated protocol			13

## EJDINGRP Resource Table

A CICSplex SM Business Application Services Definition that describes the membership of a CICS-deployed JAR file definition (EJDJDEF) in a resource group (RESGROUP). An EJDJDEF can be a member of multiple RESGROUPs.

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

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6177

Table 287. Valid CPSM operations

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

Table 288. EJDINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
-------	------	-------------	-------	------	-------------

Table 288. EJDINGRP FEEDBACK error codes (continued)

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

Table 289. 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
<b>EJDGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>EJDNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CICS-deployed JAR file definition name	6
<b>EJDVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	CICS-deployed JAR file definition version	7

## EJDJAR Resource Table

A CICS Resource that describes a CICS-deployed JAR file object being managed by CICSplex SM.

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

The following actions are supported:

### PUBLISH

Publish the CICS-deployed JAR file to the JNDI directory.

### RETRACT

Retract the CICS-deployed JAR file from the JNDI directory.

### DISCARD

Discard the CICS-deployed JAR file from the JNDI directory.

### External resource name

CICSDeployedJARFile

### Length

384

**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**

EYUt0109

Table 290. Valid CPSM operations

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

Table 291. 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	Hierarchical file system (HFS) path			4
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	15

Table 291. EJDJAR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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
<b>NAME-1</b>	CHAR	INQ	32	DIFF	Yes	CICS-deployed JAR file			1
STATE Output valid values	CVDAS	INQ	4	LIKE	No	CICS-deployed JAR file status	UNUSABLE		3
STATE Output valid values	INITING, INSERVICE, PENDINIT, PENDRESOLVE, UNRESOLVED, UNUSABLE, DISCARDING, RESOLVING								

## EJDJBEAN Resource Table

A CICS Resource that describes an Enterprise Bean object in a CICS-deployed JAR file being managed by CICSplex SM.

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

There are no actions supported against it.

**External resource name**

CICSBeansInDeployedJARFile

**Length**

312

**Usage** API 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 292. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 293. 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
<b>BEANNAME-2</b>	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
<b>CORBASERVER-3</b>	CHAR	INQ	4	DIFF	No	CorbaServer name	3
<b>NAME-1</b>	CHAR	INQ	32	DIFF	Yes	CICS-deployed JAR file	1

## EJDJDEF Resource Table

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

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

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

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

The following actions are supported:

### ADDTOGRP

Add a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

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

### CSDINSTALL

Install a CICS CSD resource definition into an active system.

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

### INSTALL

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

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 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 294. 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 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
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR DUPNOREPLACE DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 295. EJDJDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found

Table 295. EJDJDEF FEEDBACK error codes (continued)

21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELISTEND	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid overtype	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 296. 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

Table 296. EJDJDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	22
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	87	0-99999999		17
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				13
HFSFILE	CHAR	CPSM	255	Yes	DIFF	No	Hierarchical file system (HFS) path				16
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				12

## EL SIGNAL Resource Table

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

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

EL SIGNAL is emitted by a local MAS agent when an SVCDUMP is about to be taken. The SVCDUMP completion is noted by an EMASWELL notification.

**External resource name**

**Length**

48

**Usage** API

**API view**

No

**CMAS context**

No



**SCOPE applies**  
No

**Only query CMASs in workload**  
No

**Object type**  
CICSplex SM Notification

**Copybook identifier**  
EYUt2568

Table 297. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 298. ELSIGNAL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
DUMPCODE	CHAR	CPSM	8	LIKE	SVC dump dumpcode	8
DUMPTERM	CHAR	CPSM	4	LIKE	SVC dump terminal ID	11
DUMPTRAN	CHAR	CPSM	4	LIKE	SVC dump transaction ID	10
DUMPUSER	CHAR	CPSM	8	LIKE	SVC dump user ID	9
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
SIGTYPE	BINARY	CPSM	1	LIKE	Local signal typeLowest Signal TypeMAS is issuing an SVC DumpHighest Signal Type	6
SIGTYPE Input/output valid values	1 (LOWEST), 1 (SVCDUMP), 1 (HIGHEST)					

## EMASJOIN Resource Table

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

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

EMASJOIN is emitted by a Topology control object when a CICS system connects to another CMAS managing theCICSplex .

### External resource name

#### Length

176

#### Usage API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

**Object type**  
CICSplex SM Notification

**Copybook identifier**  
EYUt2405

Table 299. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 300. 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 modeRouting ACTIVERouting SUSPENDED	11
DYNROUTE Input/output valid values	1 (ACTIVE), 2 (SUSPEND)					
DYNTYPE	CHAR	CPSM	3	LIKE	Dynamic routing type	12
JOBNAME	CHAR	CPSM	8	LIKE	MAS job name	23
MASSTART	TIMESTP	CPSM	8	LIKE	MAS start time	15
MON_SPEC	CHAR	CPSM	8	LIKE	Monitor specification name	7
MVSNAME	CHAR	CPSM	4	LIKE	MVS system name	22
OPSYSREL	CHAR	CPSM	4	LIKE	MAS operating system release	21
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	5
RTA_SPEC	CHAR	CPSM	8	LIKE	Real Time Analysis (RTA) specification name	8
STATUS	BIT	CPSM	1	LIKE	StatusLocal MASRemote MAS	10
STATUS Input/output valid values	128 (LOCAL), 64 (REMOTE)					
SYSID	CHAR	CPSM	4	LIKE	MAS system ID	20
SYSPLEX	CHAR	CPSM	8	LIKE	SYSplex name	25
TMEZONE	CHAR	CPSM	1	LIKE	Time zone	17
TMEZONEO	BINARY	CPSM	1	LIKE	Time zone offset	16
WLM_SPEC	CHAR	CPSM	8	LIKE	Workload manager specification name	9

## EMASSICK Resource Table

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

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

EMASSICK is emitted by a MAS agent to identify a condition that affects the health of the CICS system. An EMASSICK instance identifies a single specific sickness type. It also carries the complete health status of the MAS as reported by previous EMASSICK or ELSIGNAL notifications.

**External resource name**

**Length**

200

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2402

Table 301. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 302. EMASSICK resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CHGSTALL1	BIT	CPSM	1	LIKE	First stall indicator flagEnqueue suspendTask wait suspendDLI suspendDB control suspendStorage suspendUnknown suspendDispable (not used)Running (not used)	43
CHGSTALL1 Input/output valid values	128 (ENQUEUE), 64 (TASKWAIT), 32 (DLI), 16 (DBCTRL), 8 (STORAGE), 4 (UNKNOWN), 2 (DISPABLE), 1 (RUNNING)					
CHGSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flagDispatcher suspendAllc session suspendTerminal controlIntv control suspendFile I/O suspendTemp stor suspendTransi data suspendJournal suspend	42
CHGSTALL2 Input/output valid values	128 (DISP), 64 (ALLCSESS), 32 (TERM), 16 (INTV), 8 (FILE), 4 (TEMPSTOR), 2 (TSDATA), 1 (JOURNAL)					
CHGSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag Enterprise java suspend Log Manager suspendInterregn link suspendDB2 suspendLockmgr suspendXRF suspendProgmgr suspendTransmgr suspend	41
CHGSTALL3 Input/output valid values	128 (EJB), 64 (LOGGER), 32 (IRLINK), 16 (DB2), 8 (LOCK), 4 (XRF), 2 (PROGRAM), 1 (TRANSACT)					
CHGSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag IP interconnectivity suspend Resource manager suspend Console domain suspend Sockets domain suspend MQSeries suspend User suspend Web services suspend	40
CHGSTALL4 Input/output valid values	64 (IPIC), 32 (RMI), 16 (CONSOLE), 8 (SOCKETS), 4 (MQSERIES), 2 (USERWAIT), 1 (WEBSERV)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5

Table 302. EMASSICK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CURSTALL1	BIT	CPSM	1	LIKE	First stall indicator flag Enqueue suspendTask wait suspendDLI suspendDB control suspendStorage suspendUnknown suspendDispable (not used)Running (not used)	38
CURSTALL1 Input/output valid values	128 (ENQUEUE), 64 (TASKWAIT), 32 (DLI), 16 (DBCTRL), 8 (STORAGE), 4 (UNKNOWN), 2 (DISPABLE), 1 (RUNNING)					
CURSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flag Dispatcher suspendAllc session suspendTerminal controlIntv control suspendFile I/O suspendTemp stg suspendTransi data suspendJournal suspend	37
CURSTALL2 Input/output valid values	128 (DISP), 64 (ALLCSESS), 32 (TERM), 16 (INTV), 8 (FILE), 4 (TEMPSTOR), 2 (TSDATA), 1 (JOURNAL)					
CURSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag Enterprise java suspend Log Manager suspendInterregn link suspendDB2 suspendLockmgr suspendXRF suspendProgmgr suspendTranmgr suspend	36
CURSTALL3 Input/output valid values	128 (EJB), 64 (LOGGER), 32 (IRLINK), 16 (DB2), 8 (LOCK), 4 (XRF), 2 (PROGRAM), 1 (TRANSACTION)					
CURSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag IP interconnectivity suspend Resource manager suspend Console domain suspend Sockets domain suspend MQSeries suspend User suspend Web services suspend	35
CURSTALL4 Input/output valid values	64 (IPIC), 32 (RMI), 16 (CONSOLE), 8 (SOCKETS), 4 (MQSERIES), 2 (USERWAIT), 1 (WEBSERV)					
DUMP_CODE	CHAR	CPSM	8	LIKE	Dump code	31
DUMP_PROGRAM	CHAR	CPSM	8	LIKE	Abending program	30
DUMP_TERMID	CHAR	CPSM	4	LIKE	Terminal ID	27
DUMP_TRANID	CHAR	CPSM	4	LIKE	Transaction ID	28
DUMP_USERID	CHAR	CPSM	8	LIKE	User ID	29
MASTYPE	BIT	CPSM	1	LIKE	StatusLocal MASRemote MAS	6
MASTYPE Input/output valid values	128 (LOCAL), 64 (REMOTE)					
MAXTASK_TIM	TIMESTP	CPSM	8	LIKE	Time detected maximum task limit reached	13
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
SICKTYPE	EYUDA	CPSM	4	LIKE	Specific sick identification	10
SICKTYPE Output valid values	SYSDUMP, TRANDUMP, MAXTASK, STALLED, SOSUDSA, SOSCDSA, SOSEUDSA, SOSECDSA, SOSERDSA, SOSSDSA, SOSESDSA, SOSRDSA, SOSMVS, SOSBELOW, SOSABOVE, SOSGCDSA					
SOSABOVE_TIM	TIMESTP	CPSM	8	LIKE	Time detected SOS above 16M	24
SOSBELOW_TIM	TIMESTP	CPSM	8	LIKE	Time detected SOS below 16M	25
SOSCDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected CDSA SOS	17
SOSCONDS	BIT	CPSM	1	LIKE	Storage health indicators On - UDSA SOSOn - CDSA SOSOn - EUDSA SOSOn - ECDSA SOSOn - ERDSA SOSOn - SDSA SOSOn - ESDSA SOSOn - RDSA SOS	8
SOSCONDS Input/output valid values	128 (SOSUDSA), 64 (SOSCDSA), 32 (SOSEUDSA), 16 (SOSECDSA), 8 (SOSERDSA), 4 (SOSSDSA), 2 (SOSESDSA), 1 (SOSRDSA)					
SOSCONDS2	BIT	CPSM	1	LIKE	Storage health indicators On - SOS above 16MOn - SOS below 16MOn - MVS is short on storageOn - SOS Above bar	9
SOSCONDS2 Input/output valid values	128 (SOSABOVE), 64 (SOSBELOW), 32 (SOSMVS), 16 (SOSGCDSA)					

Table 302. EMASICK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
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 indicatorsOn - system dumpingOn - tran dumpingOn - at max tasksOn - system stalled	7
SYSCONDS Input/output valid values	128 (SYSDUMP), 64 (TRANDUMP), 32 (MAXTASK), 16 (STALLED)					
SYSDUMP_TIM	TIMESTP	CPSM	8	LIKE	Time detected system dumping	11
TRANDUMP_CNT	BINARY	CPSM	4	LIKE	Transaction dump use count	32
TRANDUMP_TIM	TIMESTP	CPSM	8	LIKE	Time detected transaction dumping	12

## EMASSTOP Resource Table

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

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

EMASSTOP is emitted by a Topology control object when a CICS system terminates. The CICS system may have been attached to the localCMAS or some other CMAS in the CICSplex. EMASSTOP can normally be used to indicate that the CICS system has shut down. However, if the MAS agent is terminated, that event also generates an EMASSTOP notification.

### External resource name

#### Length

168

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Notification

**Copybook identifier**  
EYUt2401

Table 303. Valid CPSM operations

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

Table 304. EMASSTOP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CECNAME	CHAR	CPSM	8	LIKE	CEC name	20
CMASNAME	CHAR	CPSM	8	LIKE	CMAS name	4
CSYSAPPL	CHAR	CPSM	8	LIKE	VTAM application ID	14
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	6
DESC	CHAR	CPSM	58	DIFF	Description	13
DYNROUTE	BINARY	CPSM	1	LIKE	Dynamic routing modeRouting ACTIVERouting SUSPENDED	11
DYNROUTE Input/output valid values	1 (ACTIVE), 2 (SUSPEND)					
DYNTYPE	CHAR	CPSM	3	LIKE	Dynamic routing type	12
JOBNAME	CHAR	CPSM	8	LIKE	MAS job name	19
MASSTART	TIMESTP	CPSM	8	LIKE	MAS start time	15
MON_SPEC	CHAR	CPSM	8	LIKE	Monitor specification name	7
MVSNAME	CHAR	CPSM	4	LIKE	MVS system name	18
OPSYSREL	CHAR	CPSM	4	LIKE	MAS operating system release	17
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	5
RTA_SPEC	CHAR	CPSM	8	LIKE	Real Time Analysis (RTA) specification name	8
STATUS	BIT	CPSM	1	LIKE	StatusLocal MAS stopRemote MAS stopLocal MAS lost contactRemote MAS lost contactLocal MAS no longer activeRemote MAS no longer activeMAS Removal Invoked	10
STATUS Input/output valid values	128 (LOCAL), 64 (REMOTE), 32 (LOCALL), 16 (REMOTEL), 8 (GONEL), 4 (GONER), 2 (MASREM)					
SYSID	CHAR	CPSM	4	LIKE	MAS system ID	16
SYSPLEX	CHAR	CPSM	8	LIKE	SYSplex name	21
WLM_SPEC	CHAR	CPSM	8	LIKE	Workload manager specification name	9

## EMASSTRT Resource Table

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

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

EMASSTRT is emitted by a Topology control object when a CICS system connects to the local CMAS. The CICS system connect is seen in other CMAS instances in the CICSplex as an EMASJOIN notification.

**External resource name**

**Length**

176

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2400

Table 305. Valid CPSM operations

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

Table 306. 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 modeRouting ACTIVERouting SUSPENDED	11
DYNROUTE Input/output valid values	1 (ACTIVE), 2 (SUSPEND)					
DYNTYPE	CHAR	CPSM	3	LIKE	Dynamic routing type	12
JOBNAME	CHAR	CPSM	8	LIKE	MAS job name	23
MASSTART	TIMESTP	CPSM	8	LIKE	MAS start time	15
MON_SPEC	CHAR	CPSM	8	LIKE	Monitor specification name	7
MVSNAME	CHAR	CPSM	4	LIKE	MVS system name	22
OPSYSREL	CHAR	CPSM	4	LIKE	MAS operating system release	21
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	5
RTA_SPEC	CHAR	CPSM	8	LIKE	Real Time Analysis (RTA) specification name	8
STATUS	BIT	CPSM	1	LIKE	StatusLocal MASRemote MAS	10
STATUS Input/output valid values	128 (LOCAL), 64 (REMOTE)					
SYSID	CHAR	CPSM	4	LIKE	MAS system ID	20
SYSPLEX	CHAR	CPSM	8	LIKE	SYSplex name	25
TMEZONE	CHAR	CPSM	1	LIKE	Time zone	17
TMEZONEO	BINARY	CPSM	1	LIKE	Time zone offset	16
WLM_SPEC	CHAR	CPSM	8	LIKE	Workload manager specification name	9

## EMASWELL Resource Table

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

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

EMASWELL is emitted by a MAS agent to report the resolution of a health condition in a CICS system that was reported by a previous EMASWELL notification. An EMASWELL instance identifies a single specific sickness resolution. It also carries the complete health status of the MAS as reported by previous EMASWELL or ELSIGNAL notifications.

### External resource name

#### Length

200

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Notification

#### Copybook identifier

EYUt2403

Table 307. Valid CPSM operations

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

Table 308. EMASWELL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CHGSTALL1	BIT	CPSM	1	LIKE	First stall indicator flagEnqueue suspendTask wait suspendDLI suspendDB control suspendStorage suspendUnknown suspendDispable (not used)Running (not used)	43
CHGSTALL1 Input/output valid values	128 (ENQUEUE), 64 (TASKWAIT), 32 (DLI), 16 (DBCTRL), 8 (STORAGE), 4 (UNKNOWN), 2 (DISPABLE), 1 (RUNNING)					
CHGSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flagDispatcher suspendAllc session suspendTerminal controlIntv control suspendFile I/O suspendTemp stor suspendTransi data suspendJournal suspend	42
CHGSTALL2 Input/output valid values	128 (DISP), 64 (ALLCSESS), 32 (TERM), 16 (INTV), 8 (FILE), 4 (TEMPSTOR), 2 (TSDATA), 1 (JOURNAL)					
CHGSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag Enterprise java suspend Log manager suspendInterregn link suspendDB2 suspendLockmgr suspendXRF suspendProgmgr suspendTransmgr suspend	41



Table 308. EMASWELL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CHGSTALL3 Input/output valid values	128 (EJB), 64 (LOGGER), 32 (IRLINK), 16 (DB2), 8 (LOCK), 4 (XRF), 2 (PROGRAM), 1 (TRANSACTION)					
CHGSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag IP interconnectivity suspend Resource manager suspend Console domain suspend Sockets domain suspend MQSeries suspend User suspend Web services suspend	40
CHGSTALL4 Input/output valid values	64 (IPIC), 32 (RMI), 16 (CONSOLE), 8 (SOCKETS), 4 (MQSERIES), 2 (USERWAIT), 1 (WEBSERV)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
CURSTALL1	BIT	CPSM	1	LIKE	First stall indicator flag Enqueue suspend Task wait suspend DLI suspend DB control suspend Storage suspend Unknown suspend Dispable (not used) Running (not used)	38
CURSTALL1 Input/output valid values	128 (ENQUEUE), 64 (TASKWAIT), 32 (DLI), 16 (DBCTRL), 8 (STORAGE), 4 (UNKNOWN), 2 (DISPABLE), 1 (RUNNING)					
CURSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flag Dispatcher suspend Allc session suspend Terminal control Intv control suspend File I/O suspend Temp stg suspend Transi data suspend Journal suspend	37
CURSTALL2 Input/output valid values	128 (DISP), 64 (ALLCSESS), 32 (TERM), 16 (INTV), 8 (FILE), 4 (TEMPSTOR), 2 (TSDATA), 1 (JOURNAL)					
CURSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag Enterprise java suspend Log manager suspend Interregn link suspend DB2 suspend Lockmgr suspend XRF suspend Progmgr suspend Tranmgr suspend	36
CURSTALL3 Input/output valid values	128 (EJB), 64 (LOGGER), 32 (IRLINK), 16 (DB2), 8 (LOCK), 4 (XRF), 2 (PROGRAM), 1 (TRANSACTION)					
CURSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag IP interconnectivity suspend Resource manager suspend Console domain suspend Sockets domain suspend MQSeries suspend User suspend Web services suspend	35
CURSTALL4 Input/output valid values	64 (IPIC), 32 (RMI), 16 (CONSOLE), 8 (SOCKETS), 4 (MQSERIES), 2 (USERWAIT), 1 (WEBSERV)					
DUMP_CODE	CHAR	CPSM	8	LIKE	Last dump code	31
DUMP_PROGRAM	CHAR	CPSM	8	LIKE	Last dump abending program	30
DUMP_TERMID	CHAR	CPSM	4	LIKE	Last dump terminal ID	27
DUMP_TRANID	CHAR	CPSM	4	LIKE	Last dump transaction ID	28
DUMP_USERID	CHAR	CPSM	8	LIKE	Last dump user ID	29
MASTYPE	BIT	CPSM	1	LIKE	Status Local MAS Remote MAS	6
MASTYPE Input/output valid values	128 (LOCAL), 64 (REMOTE)					
MAXTASK_TIM	TIMESTP	CPSM	8	LIKE	Time relieved maximum task limit	13
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
SOSABOVE_TIM	TIMESTP	CPSM	8	LIKE	Time relieved SOS above 16M	24
SOSBELOW_TIM	TIMESTP	CPSM	8	LIKE	Time relieved SOS below 16M	25
SOSCDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved CDSA SOS	17
SOSCONDS	BIT	CPSM	1	LIKE	Storage health indicators On-not UDSA SOS On-not CDSA SOS On-not EUDSA SOS On-not ECDSA SOS On-not ERDSA SOS On-not SDSA SOS On-not ESDSA SOS On-not RDSA SOS	8

Table 308. EMASWELL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
SOSCONDS Input/output valid values	128 (SOSUDSA), 64 (SOSCDSA), 32 (SOSEUDSA), 16 (SOSECDSA), 8 (SOSERDSA), 4 (SOSSDSA), 2 (SOSESDSA), 1 (SOSRDSA)					
SOSCONDS2	BIT	CPSM	1	LIKE	Storage health indicators On-not SOS above 16M On-not SOS below 16M On-not SOS in MV On-not SOS above bar	9
SOSCONDS2 Input/output valid values	128 (SOSABOVE), 64 (SOSBELOW), 32 (SOSMVS), 16 (SOSGCDSA)					
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
SOSGCDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved SOS above bar	45
SOSMVS_TIM	TIMESTP	CPSM	8	LIKE	Time relieved MVS SOS	44
SOSRDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved RDSA SOS	23
SOSSDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved SDSA SOS	21
SOSUDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved UDSA SOS	16
STALL_TIM	TIMESTP	CPSM	8	LIKE	Time relieved system stalled	14
SYSCONDS	BIT	CPSM	1	LIKE	System health indicators On-not sys dumping On-not tran dumping On-not at max tasks On-not stalled	7
SYSCONDS Input/output valid values	128 (SYSDUMP), 64 (TRANDUMP), 32 (MAXTASK), 16 (STALLED)					
SYSDUMP_TIM	TIMESTP	CPSM	8	LIKE	Time relieved system dumping	11
TRANDUMP_CNT	BINARY	CPSM	4	LIKE	Transaction dump use count	32
TRANDUMP_TIM	TIMESTP	CPSM	8	LIKE	Time relieved tran dumping	12
WELLTYPE	EYUDA	CPSM	4	LIKE	Specific well identification	10
WELLTYPE Output valid values	SYSDUMP, TRANDUMP, MAXTASK, STALLED, SOSUDSA, SOSCDSA, SOSEUDSA, SOSECDSA, SOSERDSA, SOSSDSA, SOSESDSA, SOSRDSA, SOSMVS, SOSBELOW, SOSABOVE, SOSGCDSA					

## 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 309. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 310. EMCICS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MCICS					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## EMCONN Resource Table

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

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

EMCONN is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MCONN resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS .

### External resource name

#### Length

24

#### Usage

API

#### API view

No

### CMAS context

No

### SCOPE applies

No

**Only query CMASs in workload**  
No

**Object type**  
CICSplex SM Notification

**Copybook identifier**  
EYUt2470

Table 311. Valid CPSM operations

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

Table 312. EMCONN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MCONN					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## EMDBX Resource Table

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

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

EMDBX is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MDBX resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS .

**External resource name**

**Length**

24

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2469

Table 313. Valid CPSM operations

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

Table 314. 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

## 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 315. Valid CPSM operations

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

Table 316. 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

## 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 317. Valid CPSM operations

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

Table 318. 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

Table 318. EMGLBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MGLBL					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## EMJRNL Resource Table

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

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

EMJRNL is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MJRNL resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS .

### External resource name

#### Length

24

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Notification

#### Copybook identifier

EYUt2472

Table 319. Valid CPSM operations

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

Table 320. EMJRNL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MJRNL					

Table 320. EMJRNL resource table attributes (continued)

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

## EMPROG Resource Table

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

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

EMPROG is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MPROG resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS .

**External resource name**

**Length**

24

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2473

Table 321. Valid CPSM operations

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

Table 322. EMPROG resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MPROG					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## EMSTATUS Resource Table

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

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

EMSTATUS is emitted by a MAS agent to identify the current health of the MAS. This is a periodic notification that is often referred to as the MAS heartbeat. EMSTATUS contains all currently active MAS sickness indicators as reported by previous EMASSICK notifications. Other critical data of interest to various CPSM management applications is also provided.

The frequency of EMSTATUS emissions is not an externally documented value and is subject to change. It is important to note that every MAS generates multiple EMSTATUS notifications every minute. If an API program registers interest in EMSTATUS, the program must be prepared to receive the asynchronous output on a regular and frequent basis. A program should assume that each MAS generates an EMSTATUS notification at least every 15 seconds for as long as it is connected to the CICSplex. In a CICSplex with 50 active MAS instances, this can result in 200 EMSTATUS notifications every minute in every CMAS managing the CICSplex. If a program registers interest in EMSTATUS, but does not process the notifications in a timely manner, large amounts of data space storage will be used to hold copies of these notifications.

### External resource name

#### Length

216

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Notification

#### Copybook identifier

EYUt2507

Table 323. Valid CPSM operations

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

Table 324. 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

Table 324. EMSTATUS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CURRTASKS	BINARY	INQ	4	LIKE	Current number of tasks	36
CURSTALL1	BIT	CPSM	1	LIKE	First stall indicator flag Enqueue suspend Task wait suspend DLI suspend DB control suspend Storage suspend Unknown suspend Dispatched-unused Running-unused	46
CURSTALL1 Input/output valid values	128 (ENQUEUE), 64 (TASKWAIT), 32 (DLI), 16 (DBCTRL), 8 (STORAGE), 4 (UNKNOWN), 2 (DISPABLE), 1 (RUNNING)					
CURSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flag Dispatcher suspend Allc session suspend Terminal control Intv control suspend File I/O suspend Temp stor suspend Transi data suspend Journal suspend	45
CURSTALL2 Input/output valid values	128 (DISP), 64 (ALLCSESS), 32 (TERM), 16 (INTV), 8 (FILE), 4 (TEMPSTOR), 2 (TSDATA), 1 (JOURNAL)					
CURSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag Enterprise java suspend Log manager suspend Interregn link suspend DB2 suspend Lockmgr suspend XRF suspend Progmgr suspend Transmgr suspend	44
CURSTALL3 Input/output valid values	128 (EJB), 64 (LOGGER), 32 (IRLINK), 16 (DB2), 8 (LOCK), 4 (XRF), 2 (PROGRAM), 1 (TRANSACT)					
CURSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag IP interconnectivity suspend Resource manager suspend Console suspend Sockets domain suspend MQSeries suspend User suspend Web services suspend	43
CURSTALL4 Input/output valid values	64 (IPIC), 32 (RMI), 16 (CONSOLE), 8 (SOCKETS), 4 (MQSERIES), 2 (USERWAIT), 1 (WEBSERV)					
DUMP_CODE	CHAR	CPSM	8	LIKE	Last dump code	31
DUMP_PROGRAM	CHAR	CPSM	8	LIKE	Last dump abending program	30
DUMP_TERMID	CHAR	CPSM	4	LIKE	Last dump terminal ID	27
DUMP_TRANID	CHAR	CPSM	4	LIKE	Last dump transaction ID	28
DUMP_USERID	CHAR	CPSM	8	LIKE	Last dump user ID	29
IRCSTAT	CVDas	INQ	4	LIKE	Interregion communication status	38
IRCSTAT Output valid values	OPEN, CLOSED, CLOSING, IMMCLOSING					
LASTTYPE	EYUDA	CPSM	4	LIKE	Last sick/well identification	10
LASTTYPE Output valid values	SYSDUMP, TRANDUMP, MAXTASK, STALLED, SOSUDSA, SOSCDSA, SOSEUDSA, SOSECDSA, SOSERDSA, SOSSDSA, SOSESDSA, SOSRDSA, SOSMVS, SOSBELOW, SOSABOVE, SOSGCDSA					
MASTYPE	BIT	CPSM	1	LIKE	Status Local MAS Remote MAS Using CPSM WRAM programRS Domain reporting problems RS Domain trace issued No MVS/WLM Support MVS/WLM in SRM Mode MVS/WLM in GOAL Mode	6
MASTYPE Input/output valid values	128 (LOCAL), 64 (REMOTE), 32 (CPSMWRAM), 16 (RSFAILED), 08 (RSTRACED), 04 (NOMVSWLM), 02 (MVSSRM), 01 (MVSGOAL)					
MAXTASKS	BINARY	INQ	4	LIKE	Maximum number of active and suspended tasks	34
MAXTASK_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	13
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
SOSABOVE_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	24
SOSBELOW_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	25
SOSCDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	17
SOSCONDS	BIT	CPSM	1	LIKE	Storage health indicators Off-not UDSA SOSOff-not CDSA SOSOff-not EUDSA SOSOff-not ECDSA SOSOff-not ERDSA SOSOff-not SDSA SOSOff-not ESDSA SOSOff-not RDSA SOS	8

Table 324. EMSTATUS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
SOSCONDS Input/output valid values	128 (SOSUDSA), 64 (SOSCDSA), 32 (SOSEUDSA), 16 (SOSECDSA), 8 (SOSERDSA), 4 (SOSSDSA), 2 (SOSESDSA), 1 (SOSRDSA)					
SOSCONDS2	BIT	CPSM	1	LIKE	Storage health indicatorsOff-not SOS above 16MOff-not SOS below 16MOff - not short of MVS storageOff-not SOS above bar	9
SOSCONDS2 Input/output valid values	128 (SOSABOVE), 64 (SOSBELOW), 32 (SOSMVS), 16 (SOSGCDSA)					
SOSECDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	19
SOSERDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	20
SOSESDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	22
SOSEUDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	18
SOSGCDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	49
SOSMVS_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	48
SOSRDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	23
SOSSDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	21
SOSUDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	16
STALL_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	14
SYSCONDS	BIT	CPSM	1	LIKE	System health indicatorsOff-not sys dumpingOff-not tran dumpingOff-not at max tasksOff-not stalledCICS V3 modename que ok	7
SYSCONDS Input/output valid values	128 (SYSDUMP), 64 (TRANDUMP), 32 (MAXTASK), 16 (STALLED), 01 (MODEOK)					
SYSDUMP_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	11
TRANDUMP_CNT	BINARY	CPSM	4	LIKE	Last transaction dump use count	32
TRANDUMP_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	12
VTAMACB	CVDAS	INQ	4	LIKE	VTAM ACB open status	37
VTAMACB Output valid values	OPEN, CLOSED, CLOSING, IMMCLOSING, FORCECLOSING, N_A					

## EMTDQS Resource Table

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

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

EMTDQS is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MTDQS resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS.

**External resource name**

**Length**

24

**Usage** API

**API view**  
 No  
**CMAS context**  
 No  
**SCOPE applies**  
 No  
**Only query CMASs in workload**  
 No  
**Object type**  
 CICSplex SM Notification  
**Copybook identifier**  
 EYUt2474

Table 325. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 326. EMTDQS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MTDQS					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## EMTERM Resource Table

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

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

EMTERM is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MTERM resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS .

### External resource name

#### Length

24

**Usage** API

#### API view

No

#### CMAS context

No

**SCOPE applies**  
No

**Only query CMASs in workload**  
No

**Object type**  
CICSplex SM Notification

**Copybook identifier**  
EYUt2534

Table 327. Valid CPSM operations

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

Table 328. EMTERM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MTERM					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## EMTRAN Resource Table

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

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

EMTRAN is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MTRAN resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS .

### External resource name

#### Length

24

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

**Object type**  
CICSplex SM Notification

**Copybook identifier**  
EYUt2475

Table 329. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 330. 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	MTRAN					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## ENQINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of an ENQ/DEQ model definition (ENQMDEF) in a resource group (RESGROUP). A ENQMDEF can be a member of multiple RESGROUPs.

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

There are no object specific actions for this resource class.

### External resource name

#### Length

56

**Usage** API or Batch Utility

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6167

Table 331. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 331. Valid CPSM operations (continued)

CREATE	None	N/A
REMOVE	None	N/A

Table 332. ENQINGRP FEEDBACK error codes

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

Table 333. ENQINGRP 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
<b>ENQMGRP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>ENQMNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Enqueue model definition name	6
<b>ENQMVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	Enqueue model definition version	7

## ENQMDEF Resource Table

A CICS Definition that describes an ENQ/DEQ model.

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

The **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

Adds a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

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

**CSDINSTALL**

Install a CICS CSD resource definition into an active system.

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

**INSTALL**

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

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 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 334. 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 SET	INSTALL	FORCEINS(YES NO)	No
		MODE(value)	No
		NOTIFY(NO INACTIVE RELEASE FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET RELATION BOTH NONE)	No
		RELATED(value)	No
		STATECHK(YES NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A



Table 334. Valid CPSM operations (continued)

CSDCOPY	AS_RESOURCE(value)	No
	DUPACTION(DUPERROR   DNONREPLACE   DUPREPLACE)	No
	TO_CSDGROUP(value)	No

Table 335. ENQMDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELISTEND	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned

Table 335. ENQMDEF FEEDBACK error codes (continued)

61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 336. ENQMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CV DAS	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
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	22
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	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
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
STATUS	CV DAS	CPSM	4	Yes	LIKE	No	Enqueue status	ENABLED			10
STATUS Input/output valid values	ENABLED, DISABLED										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				13
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				14
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				15

## ENQMODEL Resource Table

A CICS Resource that describes a ENQ/DEQ model in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

**DISABLE**

Disable an ENQ/DEQ model.

**DISCARD**

Discard an ENQ/DEQ model.

**ENABLE**

Enable an ENQ/DEQ model.

These actions require no unique parameter data.

**External resource name**

CICSEnqueueModel

**Length**

352

**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**

EYUt0093

Table 337. 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 338. 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			

Table 338. ENQMODEL 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			
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, 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
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
<b>NAME-1</b>	CHAR	INQ	8	DIFF	Yes	Enqueue model name			1

## ENQUEUE Resource Table

A CICS Resource that provides CICS enqueues in an active system being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

**External resource name**

CICSEnqueue

**Length**

168

**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**  
 EYUt0123

Table 339. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 340. 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
<b>NQGP00L-1</b>	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

Table 340. ENQUEUE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
NQGTIRJR	BINARY	STAT	4	AVG	No	Total enqueue requests rejected ENQ retained	14
NQGTNQRT	INTTSTP	STAT	8	MAX	No	Total retention time for enqueue requests	22
NQGTNQSI	BINARY	STAT	4	AVG	No	Total number of enqueues issued	6
NQGTNQSR	BINARY	STAT	4	AVG	No	Total enqueue requests that were retained	11
NQGTNQSW	BINARY	STAT	4	AVG	No	Total number of enqueue requests that waited	7
NQGTNQWT	INTTSTP	STAT	8	MAX	No	Total waiting time for enqueue requests	18
NQGTWPOP	BINARY	STAT	4	AVG	No	Total waiting enqueue requests purged by operator	16
NQGTWPTO	BINARY	STAT	4	AVG	No	Total waiting enqueue requests purged by timeout	17
NQGTWRJR	BINARY	STAT	4	AVG	No	Total waiting enqueues rejected ENQ retained	15

## EPLEXCHG Resource Table

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

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

EPLEXCHG is emitted by a Communications control object when 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 341. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 342. EPLEXCHG resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	BINARY	CPSM	1	LIKE	Status CICSplex AddCICSplex UpdateCICSplex RemoveCICSplex Add - Plex ExistsCICSplex Add - Add FailedCICSplex Add - Undelete	7
ACTION Input/output valid values	1 (PLEXADD), 2 (PLEXUPD), 3 (PLEXREM), 4 (PLEXA_E), 5 (PLEXA_F), 6 (PLEXA_U)					
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
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

## 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 343. Valid CPSM operations

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

Table 344. ERESSTAT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CICSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
RESCLASS	CHAR	CPSM	8	LIKE	Resource class	6
RESNAME	CHAR	CPSM	44	LIKE	Resource name	7
RESSTAT	BINARY	CPSM	4	LIKE	Resource class status	8

## ERMCAIMD Resource Table

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

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

ERMCAIMD is emitted by a Topology control object when a autoinstall terminal model resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2557

Table 345. Valid CPSM operations

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

Table 346. ERMCAIMD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actionInstall ResourceDiscard ResourceUpdate Resource	7



Table 346. ERMCAIMD resource table attributes (continued)

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

## ERMCAIOM 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.

ERMCAIOM 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 347. Valid CPSM operations

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

Table 348. ERMCAIOM resource table attributes

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

Table 348. *ERMCATOM* resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
NAME	CHAR	CPSM	8	LIKE	ATOMSERVICE name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## 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

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

EYUt2652

Table 349. *Valid CPSM operations*

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

Table 350. *ERMCBUND* resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	BUNDLE name	6
PARTCOUNT	BINARY	INQ	4	LIKE	Part count	9
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## ERMCCONN Resource Table

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

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

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

**External resource name**

**Length**

40

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2492

Table 351. Valid CPSM operations

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

Table 352. ERMCCONN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	9
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CONNTYPE	EYUDA	CPSM	4	LIKE	Connection type	7
CONNTYPE Output valid values	LU61, LU62, MRO, INDIRECT, EXCI					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	4	LIKE	Connection name	6
NETNAME	CHAR	INQ	8	LIKE	Target network name	8
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## ERMCDDB2C Resource Table

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

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

ERMCDDB2C is emitted by a Topology control object when a DB2 connection resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2621

Table 353. Valid CPSM operations

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

Table 354. ERMCDDB2C resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	DB2 connection name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## ERMCDDB2E Resource Table

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

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

ERMCDDB2E is emitted by a Topology control object when a DB2 entry resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSPlex SM Notification

**Copybook identifier**

EYUt2622

Table 355. Valid CPSM operations

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

Table 356. ERMCDDB2E resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	DB2 entry name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## ERMCDDB2T Resource Table

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

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

ERMCDDB2T is emitted by a Topology control object when a DB2 transaction resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage** API

**API view**  
 No  
**CMAS context**  
 No  
**SCOPE applies**  
 No  
**Only query CMASs in workload**  
 No  
**Object type**  
 CICSplex SM Notification  
**Copybook identifier**  
 EYUt2623

Table 357. Valid CPSM operations

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

Table 358. ERMCDDB2T resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	DB2 transaction name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## 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 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 359. Valid CPSM operations

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

Table 360. ERMCDOCT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	Document template name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## ERMCDNSM 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.

ERMCDNSM 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 361. Valid CPSM operations

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

Table 362. ERMCDNSM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	8
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
DTYPE	CVDAS	CPSM	4	LIKE	Data set type	7
DTYPE Output valid values	VSAM, BDAM					
NAME	CHAR	CPSM	44	LIKE	Data set name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## ERMENQM Resource Table

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

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

ERMENQM is emitted by a Topology control object when a ENQ/DEQ resource map is changed. The resource that caused the change and the action are described in the notification.

### External resource name

#### Length

32

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Notification

#### Copybook identifier

EYUt2625

Table 363. Valid CPSM operations

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



Table 364. ERMCEVBD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	Enqueue model name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## 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 365. Valid CPSM operations

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

Table 366. ERMCEVBD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					

Table 366. ERMCEVBD resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
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

## 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 367. Valid CPSM operations

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

Table 368. ERMCEVCS resource table attributes

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

Table 368. ERMCEVCS resource table attributes (continued)

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

## ERMCFECO 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 369. Valid CPSM operations

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

Table 370. ERMCFECO resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	4	LIKE	FEPI connection name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## ERMCFEND Resource Table

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

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

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

**External resource name**

**Length**

32

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2558

Table 371. Valid CPSM operations

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

Table 372. ERMCFEND resource table attributes

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

## ERMCFEPO Resource Table

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

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

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

**External resource name**

**Length**

32

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2559

Table 373. Valid CPSM operations

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

Table 374. ERMCFEPO resource table attributes

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

## ERMCFETR Resource Table

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

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

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

**External resource name**

**Length**

32

**Usage** API

**API view**  
 No  
**CMAS context**  
 No  
**SCOPE applies**  
 No  
**Only query CMASs in workload**  
 No  
**Object type**  
 CICSplex SM Notification  
**Copybook identifier**  
 EYUt2560

Table 375. Valid CPSM operations

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

Table 376. ERMCFETR resource table attributes

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

## 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 377. Valid CPSM operations

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

Table 378. ERMCFILE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	10
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
FILETYPE	EYUDA	CPSM	4	LIKE	File type	7
FILETYPE Output valid values	LFILE, RFILE, CTABL, UTABL, CFTBL					
NAME	CHAR	CPSM	8	LIKE	File name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
REMOTENAME	CHAR	CPSM	8	LIKE	Remote file name	8
REMOTESYSTEM	CHAR	CPSM	4	LIKE	Remote system name	9

## ERMCG LUE Resource Table

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

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

ERMCG LUE is emitted by a Topology control object when a global user exit resource map is changed. The resource that caused the change and the action are described in the notification.

### External resource name

#### Length

40

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

### Only query CMASs in workload

No

**Object type**  
CICSplex SM Notification

**Copybook identifier**  
EYUt2587

Table 379. Valid CPSM operations

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

Table 380. ERMCGLUE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	8
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
EXITNAME	CHAR	CPSM	8	LIKE	Exit point name	7
NAME	CHAR	CPSM	8	LIKE	Global user exit program name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## ERMCI PCN Resource Table

The ERMCI PCN views display changes to an instance of an IPIC connection (IPCONN) within a CICS system.

**External resource name**

**Length**

40

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2642

Table 381. Valid CPSM operations

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



Table 382. ERMCI PCN resource table attributes

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

## 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 383. Valid CPSM operations

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

Table 384. ERM CJRNL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	8
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
JRNLTYP E	CV DAS	INQ	4	LIKE	Journal type	6
JRNLTYP E 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

## 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 385. Valid CPSM operations

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

Table 386. ERM CJRNM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actionInstall resourceDiscard resourceUpdate resource	8

Table 386. ERM CJRNM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
JRNLTYP	CV DAS	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

## 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 387. Valid CPSM operations

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

Table 388. ERM CJVMS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7

Table 388. ERMJVMS resource table attributes (continued)

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

## 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

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

EYUt2645

Table 389. Valid CPSM operations

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

Table 390. ERMCLIBR resource table attributes

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

Table 390. ERMCLIBR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
NAME	CHAR	CPSM	8	LIKE	LIBRARY name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## ERMCMODE Resource Table

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

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

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

### External resource name

#### Length

32

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Notification

#### Copybook identifier

EYUt2495

Table 391. Valid CPSM operations

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

Table 392. ERMCMODE resource table attributes

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

## ERMCPART Resource Table

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

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

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

**External resource name**

**Length**

32

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2561

Table 393. Valid CPSM operations

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

Table 394. ERMCPART resource table attributes

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

## ERMCIPIE 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.

ERMCPPIPE 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 395. Valid CPSM operations

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

Table 396. ERMCPPIPE resource table attributes

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

## ERMCPRGM Resource Table

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

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

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

**External resource name**

**Length**

40

**Usage** API

**API view**  
 No  
**CMAS context**  
 No  
**SCOPE applies**  
 No  
**Only query CMASs in workload**  
 No  
**Object type**  
 CICSplex SM Notification  
**Copybook identifier**  
 EYUt2496

Table 397. Valid CPSM operations

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

Table 398. ERMCPROF resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	9
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	INQ	8	LIKE	Program name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
REMOTENAME	CHAR	INQ	8	LIKE	Program name in remote system	7
REMOTESYSTEM	CHAR	INQ	4	LIKE	Remote system name	8

## ERMCPROF Resource Table

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

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

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

### External resource name

#### Length

32

**Usage** API

#### API view

No

#### CMAS context

No



**SCOPE applies**  
No

**Only query CMASs in workload**  
No

**Object type**  
CICSplex SM Notification

**Copybook identifier**  
EYUt2562

Table 399. Valid CPSM operations

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

Table 400. ERMCPROF resource table attributes

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

## ERMCPRTY Resource Table

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

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

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

### External resource name

#### Length

32

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Notification

**Copybook identifier**  
EYUt2629

Table 401. Valid CPSM operations

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

Table 402. ERMCPRTY resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	Process type name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## ERMCRQMD Resource Table

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

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

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

**External resource name**

**Length**

32

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2626

Table 403. Valid CPSM operations

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

Table 404. ERMCRQMD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	Request model name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## ERMCSMDMP Resource Table

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

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

ERMCSMDMP is emitted by a Topology control object when a system dump code resource map is changed. The resource that caused the change and the action are described in the notification.

### External resource name

#### Length

32

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Notification

#### Copybook identifier

EYUt2588

Table 405. Valid CPSM operations

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

Table 406. ERMCSMDMP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					

Table 406. ERMCSMDMP 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	System dump code	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## ERMCTCPS Resource Table

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

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

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

### External resource name

#### Length

32

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Notification

#### Copybook identifier

EYUt2630

Table 407. Valid CPSM operations

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

Table 408. ERMCTCPS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	TCP/IP service name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## ERMCTDMP Resource Table

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

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

ERMCTDMP is emitted by a Topology control object when a transaction dump code resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

24

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2589

Table 409. Valid CPSM operations

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

Table 410. ERMCTDMP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	4	LIKE	Transaction dump code	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## ERMCTDQ Resource Table

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

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

ERMCTDQ is emitted by a Topology control object when a transient data queue resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

40

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2497

Table 411. Valid CPSM operations

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

Table 412. ERMCTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	10
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	INQ	4	LIKE	TD queue name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
REMOTENAME	CHAR	INQ	4	LIKE	TD queue name in remote system	8
REMOTESYSTEM	CHAR	INQ	4	LIKE	Remote system name	9
TDQTYPE	CVDAS	INQ	4	LIKE	TD queue type	7
TDQTYPE Output valid values	INTRA, EXTRA, REMOTE, INDIRECT					

## ERMCTERM Resource Table

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

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

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

**External resource name**

**Length**

24

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2498

Table 413. Valid CPSM operations

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

Table 414. ERMCTERM resource table attributes

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

## ERMCTRAN Resource Table

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

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

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

**External resource name**

**Length**

40

**Usage** API

**API view**  
 No  
**CMAS context**  
 No  
**SCOPE applies**  
 No  
**Only query CMASs in workload**  
 No  
**Object type**  
 CICSplex SM Notification  
**Copybook identifier**  
 EYUt2499

Table 415. Valid CPSM operations

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

Table 416. ERMCTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	10
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	INQ	4	LIKE	Transaction ID	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
REMOTENAME	CHAR	INQ	8	LIKE	Remote transaction ID	8
REMOTESYSTEM	CHAR	INQ	4	LIKE	Remote system name	9
TRANTYPE	EYUDA	CPSM	4	LIKE	Transaction type	7
TRANTYPE Output valid values	LTRAN, RTRAN					

## ERMCTRUE Resource Table

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

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

ERMCTRUE is emitted by a Topology control object when a task-related user exit resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

40

**Usage** API

**API view**

No



**CMAS context**  
No

**SCOPE applies**  
No

**Only query CMASs in workload**  
No

**Object type**  
CICSplex SM Notification

**Copybook identifier**  
EYUt2590

Table 417. Valid CPSM operations

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

Table 418. ERMCTTRUE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actionInstall resourceDiscard resourceUpdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
ENTRYNME	CHAR	CPSM	8	LIKE	Entry Name	8
NAME	CHAR	CPSM	8	LIKE	Task-related user exit program name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## ERMCTSMD Resource Table

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

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

ERMCTSMD is emitted by a Topology control object when a temporary storage queue resource map is changed. The resource that caused the change and the action are described in the notification.

### External resource name

#### Length

32

#### Usage

API

#### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

**Object type**  
CICSplex SM Notification

**Copybook identifier**  
EYUt2624

Table 419. Valid CPSM operations

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

Table 420. ERMCTSMD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	TS model name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## ERMURIM 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.

ERMURIM 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 421. Valid CPSM operations

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

Table 422. ERMCURIM resource table attributes

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

## 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 423. Valid CPSM operations

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

Table 424. ERMWEBS resource table attributes

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

## ERMXMLT 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.

ERMXMLT 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 425. Valid CPSM operations

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

Table 426. ERMXMLT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					

Table 426. *ERMCMXMLT* resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
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

## 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 427. *Valid CPSM operations*

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

Table 428. *ERMMCONN* resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## ERMMFILE Resource Table

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

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

ERMMFILE is emitted by a Topology control object when a file resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

**External resource name**

**Length**

16

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2501

Table 429. Valid CPSM operations

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

Table 430. ERMMFILE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## ERMMJRNL Resource Table

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

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

ERMMJRNL is emitted by a Topology control object when a journal resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

**External resource name**  
**Length** 16  
**Usage** API  
**API view** No  
**CMAS context** No  
**SCOPE applies** No  
**Only query CMASs in workload** No  
**Object type** CICSplex SM Notification  
**Copybook identifier** EYUt2502

Table 431. Valid CPSM operations

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

Table 432. ERMJMNRNL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## ERMMPRGM Resource Table

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

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

ERMMPRGM is emitted by a Topology control object when a program resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

**External resource name**

**Length** 16

**Usage** API

**API view** No

**CMAS context** No

**SCOPE applies** No

**Only query CMASs in workload**  
No

**Object type**  
CICSplex SM Notification

**Copybook identifier**  
EYUt2503

Table 433. Valid CPSM operations

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

Table 434. ERMMPRGM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

## ERMMTDQ Resource Table

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

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

ERMMTDQ is emitted by a Topology control object when a transient data queue resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

**External resource name**

**Length**

16

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2504

Table 435. Valid CPSM operations

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



Table 436. 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

## 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 437. Valid CPSM operations

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

Table 438. ERMMTTERM 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

---

## 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 439. Valid CPSM operations

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

Table 440. 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

---

## 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 441. Valid CPSM operations

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

Table 442. ESGRPCHG resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	BINARY	CPSM	1	LIKE	StatusCICS System AddedCICS System DeletedSystem Group RemovedSystem Group Added	7
ACTION Input/output valid values	1 (CSYSADD), 2 (CSYSDEL), 3 (SGRPREM), 4 (SGRPADD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
SGRPNAME	CHAR	CPSM	8	LIKE	System group name	5

## EVALDEF Resource Table

A CPSM Real Time Analysis Definition that describes the controls used to perform an evaluation of a CICS resource, or MAS, or EVENT object.

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

**External resource name**  
CICSRTAEvaluationDefinition

**Length**  
1480

**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**

EYUt2808

Table 443. Valid CPSM operations

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

Table 444. EVALDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_TERM	Terminator missing from end of string	4	REC_EXISTS	Resource already exists
6	INV_RESTYPE	Invalid resource type	7	INV_ATTR	Attribute does not exist or is not settable

Table 445. EVALDEF 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			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
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

Table 445. EVALDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
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
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name			5
OPRSTRING	CHAR	CPSM	320	No	DIFF	No	Modification string			39
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									

Table 445. EVALDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
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

## 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.

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**

152

**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**  
EYUt0195

Table 446. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 447. EVCSPEC 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	
CAPTUREPOINT	CHAR	INQ	25	DIFF	No	Capture point	6
<b>CAPTURESPEC-2</b>	CHAR	INQ	32	DIFF	Yes	Capture specification name	1
CAPTURETYPE	CVDDAS	INQ	4	LIKE	No	Capture point type	3
CAPTURETYPE Output valid values	PRECOMMAND, POSTCOMMAND, PROGAMINIT						
<b>EVENTBINDING-1</b>	CHAR	INQ	32	DIFF	No	Event binding name	2
EVENTNAME	CHAR	INQ	32	DIFF	No	Event name	4
EVNTCAPTURED	BINARY	STAT	8	AVG	No	Total events captured	5

## EVENTDTL Resource Table

A CPSM Real Time Analysis Manager object that describes an evaluation that participated in the generation of an EVENT. Not all events have detail objects (refer to the DETAIL attribute of the EVENT resource table.) When present, an EVENTDTL instance is the runtime object built from an EVALDEF definition.

While the EVENT resource class identifies multiple key attributes, only the NAME attribute can be specified in an EVALDEF INSTANCE attribute.

There are no object specific actions for this resource class.

When EVENTDTL instances are requested using the API GET or REFRESH commands, the data values returned are the most current values used by the evaluation service. It is possible to see intermediate evaluation state transitions that occur before an analysis of the RTADEF that references the evaluation.

**External resource name**  
CICSRTAEventDetail

**Length**  
384

**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**

EYUt2520

Table 448. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 449. 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	
<b>CONTEXT-1</b>	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						
<b>EVENT-2</b>	CHAR	CPSM	8	DIFF	Yes	Associated event name	5
<b>EVENTSEV-4</b>	EYUDA	CPSM	4	LIKE	Yes	Event severity	36
EVENTSEV-4 Output valid values	VLS, VSLW, NM, HW, HS, VHS						
HSDATA	CHAR	CPSM	12	DIFF	No	Lower boundary for severity of HS	21
HWDATA	CHAR	CPSM	12	DIFF	No	Lower boundary for severity of HW	20
INSTANCE	CHAR	CPSM	44	DIFF	No	Name of resource being evaluated	26
KEY	CHAR	CPSM	44	DIFF	No	Identifier of specific resource that caused event	34
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
<b>NAME-7</b>	CHAR	CPSM	8	DIFF	Yes	Name of associated evaluation definition	4
<b>PRIORITY-5</b>	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



Table 449. EVENTDTL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
<b>SEQUENCE-6</b>	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
<b>TARGET-3</b>	CHAR	CPSM	8	DIFF	Yes	Name of CICS system or group that is target of evaluation	6
VHSDATA	CHAR	CPSM	12	DIFF	No	Lower boundary for severity of VHS	22
VIEW	CHAR	CPSM	8	DIFF	No	Name of a view that may provide extra information	32
VLSDATA	CHAR	CPSM	12	DIFF	No	Lower boundary for severity of VLS	17

## EVENT Resource Table

A CPSM Real Time Analysis Manager object that describes an outstanding condition reported by an RTA service. The EVENT instance can be generated as a result of SAM, APM, or MRM processing. The type and mode of the condition are described in the instance.

For APM and MRM generated EVENTS, the name of the instance is the name of the RTADEF or STATDEF that was found to be TRUE.

While the EVENT resource class identifies multiple key attributes, only the NAME attribute can be specified in an EVALDEF INSTANCE attribute.

There are no object specific actions for this resource class.

The internal creation or updating of an EVENT object is always noted by an EACTNTFN notification. By registering interest in this notification, EVENT objects need not be polled to see if changes have occurred.

**External resource name**

CICSRTAEvent

**Length**

320

**Usage** API 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 450. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 451. 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
<b>CONTEXT-1</b>	CHAR	CPSM	8	DIFF	Yes	Name of context to which event applies	46
CURHSENTRY	BINARY	CPSM	4	AVG	No	Current HS true evaluation count	28
CURHSEXIT	BINARY	CPSM	4	AVG	No	Current HS false evaluation count	34
CURHWENTRY	BINARY	CPSM	4	AVG	No	Current HW true evaluation count	27
CURHWEXIT	BINARY	CPSM	4	AVG	No	Current HW false evaluation count	33
CURLSENTRY	BINARY	CPSM	4	AVG	No	Current LS true evaluation count	25
CURLSEXIT	BINARY	CPSM	4	AVG	No	Current LS false evaluation count	31
CURLWENTRY	BINARY	CPSM	4	AVG	No	Current LW true evaluation count	26
CURLWEXIT	BINARY	CPSM	4	AVG	No	Current LW false evaluation count	32
CURVHSENTRY	BINARY	CPSM	4	AVG	No	Current VHS true evaluation count	29
CURVHSEXIT	BINARY	CPSM	4	AVG	No	Current VHS false evaluation count	35
CURLVSENTRY	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

Table 451. EVENT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
GENEXTMSG Output valid values	YES, NO						
HSENTRY	BINARY	CPSM	4	AVG	No	Evaluation count with HS true before event	16
HSEXIT	BINARY	CPSM	4	AVG	No	Evaluation count with HS false before resolution	22
HWENTRY	BINARY	CPSM	4	AVG	No	Evaluation count with HW true before event	15
HWEXIT	BINARY	CPSM	4	AVG	No	Evaluation count with HW false before resolution	21
KEY	CHAR	CPSM	44	DIFF	No	Name of specific resource that caused event	45
LSENTRY	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
<b>NAME-2</b>	CHAR	CPSM	8	DIFF	Yes	Event name	4
NETVIEW	CHAR	CPSM	8	DIFF	No	CMAS to which Netview attached	36
<b>PRIORITY-5</b>	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
<b>SEQUENCE-6</b>	BINARY	CPSM	4	AVG	Yes	Event sequence number	43
<b>SEVERITY-4</b>	EYUDA	CPSM	4	LIKE	Yes	Event severity	6
SEVERITY-4 Output	VLS, LLS, LW, HW, HS, VHS						
<b>TARGET-3</b>	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

## 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.

**DISCARD**

The DISCARD EVENTBINDING command removes an event binding from the local CICS system. The event binding must be disabled before it can be discarded. Capture of events matching capture specifications in this event binding is stopped immediately. Any events already captured are emitted.

**External resource name**

CICSEventBinding

**Length**

128

**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**

EYUt0192

Table 452. Valid CPSM operations

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

Table 453. EVNTBIND 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	
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

Table 453. EVNTBIND resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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						
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
<b>NAME-1</b>	CHAR	INQ	32	DIFF	Yes	Name	1
USERTAG	CHAR	INQ	8	DIFF	Yes	User tag	3

## 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

144

**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

EYUt0193

Table 454. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	START	None	N/A
	DRAIN	None	N/A
	STOP	None	N/A

Table 455. EVNTGBL 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	
EPSTATUS	CVDAS	CPSM	4	LIKE	Yes	Event processing status	1
EPSTATUS Input/output valid values	STARTED, STOPPED, DRAIN						
EVNTBACKOUT	BINARY	STAT	4	MAX	No	Sync backout events	7
EVNTCAPOPSF	BINARY	STAT	4	MAX	No	Capture operations failed	26
EVNTCOMMIT	BINARY	STAT	4	MAX	No	Sync commit events	6
EVNTCURRDSP	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
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 WMQ EP adapter	19
EVNTNORM	BINARY	STAT	4	MAX	No	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	Priority events	13
EVNTPUT	BINARY	STAT	4	MAX	No	Put events	5
EVNTTRAN	BINARY	STAT	4	MAX	No	Transactional events	14

Table 455. EVNTGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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

## EXCI Resource Table

A CICS Resource that describes information about tasks that originated from client programs using the external CICS interface API

There are no object specific actions for this resource class.

**External resource name**  
CICSEXCIRquest

**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**  
EYU0168

Table 456. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 457. 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	
<b>LUID-1</b>	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
<b>TASK-2</b>	BINARY	INQ	4	DIFF	Task Number	1

## EXITGLUE Resource Table

A CICS Resource that describes a global user exit in an active CICS system being managed by CICSplex SM.

While the EXITGLUE resource class identifies multiple key attributes, only the PROGRAM attribute can be specified in an EVALDEF INSTANCE attribute.

There are no object specific actions for this resource class.

**External resource name**

CICSGlobalUserExit

**Length**

64

**Usage** API 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 458. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 459. 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
<b>EXITPOINT-2</b>	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
<b>PROGRAM-1</b>	CHAR	INQ	8	DIFF	Yes	Program name	1
STARTSTATUS	CVDAS	INQ	4	LIKE	No	Exit program availability status	5



Table 459. EXITGLUE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
STARTSTATUS Output valid values	STARTED, STOPPED						

## EXITTRUE Resource Table

A CICS Resource that describes a task related user exit in an active CICS system being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

**External resource name**

CICSTaskRelatedExit

**Length**

104

**Usage** API 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 460. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 461. 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

Table 461. EXITTRUE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CONCURRENTST Output valid values	QUASIRENT, THREADSAFE, NOTAPPLIC						
CONNECTST	CVDAS	INQ	4	LIKE	No	Connect status	12
CONNECTST Output valid values	CONNECTED, NOTCONNECTED, UNKNOWN, NOTAPPLIC						
ENTRY	ADDRESS	INQ	4	MAX	No	Entry-point address of task related user exit	11
<b>ENTRYNAME-2</b>	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						
<b>PROGRAM-1</b>	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						

## EXTGLORD Resource Table

A CICS Resource that describes a global user exit in an active CICS system being managed by CICSplex SM.

The EXITPOSITION key field shows the time order in which the exits were enabled for the EXITPOINT.

There are no object specific actions for this resource class.

**External resource name**

**Length**

80

**Usage** API or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0140

Table 462. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 463. EXTGLORD resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CONCURRENTST	CVDAS	INQ	4	LIKE	No	Concurrency status	12
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
<b>EXITPOINT-1</b>	CHAR	INQ	8	DIFF	Yes	Exit name	1
<b>EXITPOSITION-2</b>	BINARY	CPSM	4	AVG	Yes	Exit position	2
GAENTRYNAME	CHAR	INQ	8	DIFF	No	Name of exit which owns global work area	5
GALENGTH	BINARY	INQ	2	AVG	No	Length of global work area	8
GAUSECOUNT	BINARY	INQ	4	AVG	No	Number of global work area users	7
NUMEXITS	BINARY	INQ	2	AVG	No	Number of global exit points where exit is enabled	9
<b>PROGRAM-3</b>	CHAR	INQ	8	DIFF	Yes	Program name	3
STARTSTATUS	CVDAS	INQ	4	LIKE	No	Exit program availability status	6

Table 463. EXTGLORD resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
STARTSTATUS Output valid values	STARTED, STOPPED						
USECOUNT	BINARY	INQ	4	AVG	No	Program use count	11

## EXTRATDQ Resource Table

A CICS Resource that describes an extrapartition transient data queue in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

**CLOSE**

Close the destination data set.

**DISABLE**

Disable the destination.

**DISCARD**

Discard a disabled and closed destination.

**ENABLE**

Enable the destination.

**OPEN**

Open the destination data set.

These actions require no unique parameter data.

**External resource name**

CICSExtrapartitionTDQueue

**Length**

208

**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**

EYUt0026

Table 464. Valid CPSM operations

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

Table 465. 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								
DSNAME	CHAR	INQ	44	DIFF	No	Name of data set			12
EMPTYSTATUS	CVDAS	INQ	4	LIKE	No	Empty status			3
EMPTYSTATUS Output valid values	FULL, EMPTY, NOTEMPTY, NOTAPPLIC								
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enabled status			4

Table 465. EXTRATDQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	24
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, 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
<b>TDQUEUE-1</b>	CHAR	INQ	4	DIFF	Yes	Queue ID			1

## FEEDBACK Resource Table

A MetaData resource that provides extended diagnostic data for an API command that encountered an error.

There is no key field for this resource class.

There are no object specific actions for this resource class.

### External resource name

#### Length

248

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Metadata

#### Copybook identifier

EYUt2601

Table 466. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 467. FEEDBACK resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ATTRDATAVAL	CHAR	CPSM	1	LIKE	Attribute data availableAttribute Ids validNo Attribute Id data	5
ATTRDATAVAL Input/output valid values	Y (YES), N (NO)					
ATTR_DTYP1	BINARY	CPSM	1	LIKE	Attribute datatypeComponent IdentifierBinary NumericBinary Derived RateBinary Derived PercentBinary Derived SumBinary Derived RatioBinary Derived AverageSystem/390 TimestampBitText Unknown LengthCharacterEYUDACVDA StandardCVDA TerminalResource TypePacked DecimalDateInternal Label FieldBinary HHMMInterval Store ClockInterval MicrosecondsInterval MillisecondsInterval 16 MicrosecondsInterval SecondsInterval Store Clock DeltaDate Time GroupPacked Decimal TimestampAddressCoded NumericNon Display CharacterHexadecimalTable versionBinary derived rate 3DPBinary derived percent 3DPBinary derived sum 3DPBinary derived average 3DPPacked Decimal Time - No TenthsInterval Store Clock Length 12	18
ATTR_DTYP1 Input/output valid values	0 (COMP), 4 (BIN), 8 (RATE), 12 (PER), 16 (SUM), 20 (RATO), 24 (AVG), 28 (TSTP), 32 (BIT), 36 (TEXT), 40 (CHAR), 44 (EYUD), 48 (CVDS), 52 (CVDT), 56 (REST), 60 (PACK), 64 (DATE), 68 (ILBL), 72 (HHMM), 76 (SCLK), 80 (IUSC), 84 (IMSC), 88 (16US), 92 (ISEC), 96 (IUSS), 100 (DTGP), 104 (DECT), 108 (ADDR), 112 (CNUM), 116 (HCHR), 120 (HEX), 124 (TBLV), 128 (RAT3), 132 (PER3), 136 (SUM3), 140 (AVG3), 144 (DECS), 152 (SC12)					

Table 467. FEEDBACK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
ATTR_DTYP2	BINARY	CPSM	1	LIKE	Attribute datatype	23
ATTR_DTYP3	BINARY	CPSM	1	LIKE	Attribute datatype	28
ATTR_DTYP4	BINARY	CPSM	1	LIKE	Attribute datatype	33
ATTR_DTYP5	BINARY	CPSM	1	LIKE	Attribute datatype	38
ATTR_DTYP6	BINARY	CPSM	1	LIKE	Attribute datatype	50
ATTR_LEN1	BINARY	CPSM	2	LIKE	Attribute length	20
ATTR_LEN2	BINARY	CPSM	2	LIKE	Attribute length	25
ATTR_LEN3	BINARY	CPSM	2	LIKE	Attribute length	30
ATTR_LEN4	BINARY	CPSM	2	LIKE	Attribute length	35
ATTR_LEN5	BINARY	CPSM	2	LIKE	Attribute length	40
ATTR_LEN6	BINARY	CPSM	2	LIKE	Attribute length	52
ATTR_NM1	CHAR	CPSM	12	LIKE	Attribute name	16
ATTR_NM2	CHAR	CPSM	12	LIKE	Attribute name	21
ATTR_NM3	CHAR	CPSM	12	LIKE	Attribute name	26
ATTR_NM4	CHAR	CPSM	12	LIKE	Attribute name	31
ATTR_NM5	CHAR	CPSM	12	LIKE	Attribute name	36
ATTR_NM6	CHAR	CPSM	12	LIKE	Attribute name	48
ATTR_OFF1	BINARY	CPSM	2	LIKE	Attribute offset	17
ATTR_OFF2	BINARY	CPSM	2	LIKE	Attribute offset	22
ATTR_OFF3	BINARY	CPSM	2	LIKE	Attribute offset	27
ATTR_OFF4	BINARY	CPSM	2	LIKE	Attribute offset	32
ATTR_OFF5	BINARY	CPSM	2	LIKE	Attribute offset	37
ATTR_OFF6	BINARY	CPSM	2	LIKE	Attribute offset	49
ATTR_RID1	BINARY	CPSM	1	LIKE	Attribute relative ID	19
ATTR_RID2	BINARY	CPSM	1	LIKE	Attribute relative ID	24
ATTR_RID3	BINARY	CPSM	1	LIKE	Attribute relative ID	29
ATTR_RID4	BINARY	CPSM	1	LIKE	Attribute relative ID	34
ATTR_RID5	BINARY	CPSM	1	LIKE	Attribute relative ID	39
ATTR_RID6	BINARY	CPSM	1	LIKE	Attribute relative ID	51
CEIBDATAVAL	CHAR	CPSM	1	LIKE	EIB data availableEIB data validNo EIB data	6
CEIBDATAVAL Input/output valid values	Y (YES), N (NO)					
CEIBFN	HEX	CPSM	4	MIN	EIBFN response from CICS	13
CEIBRESP	BINARY	CPSM	4	LIKE	RESP response from CICS	11
CEIBRESP1	BINARY	CPSM	4	LIKE	RESP2 response from CICS	12
COMMAND	BINARY	CPSM	1	LIKE	Command codeNOOPCancelConnectCopyCreateDeleteDiscardDisconnectFetchGetLocateMarkOrder byPerform SetPerform ObjectQualifyQueryReceiveRemoveSpecify FilterUnmarkAddressGetdefListenRefreshSetSpecify ViewTerminateTranslateGroup byUpdateFeedbackExpand	4
COMMAND Input/output valid values	1 (NOOP), 2 (CANCEL), 3 (CONNECT), 4 (COPY), 5 (CREATE), 6 (DELETE), 7 (DISCARD), 8 (DISCONN), 9 (FETCH), 10 (GET), 11 (LOCATE), 12 (MARK), 13 (ORDER), 14 (PERFSET), 15 (PERFOBJ), 16 (QUALIFY), 17 (QUERY), 18 (RECEIVE), 19 (REMOVE), 20 (FILTER), 21 (UNMARK), 22 (ADDRESS), 23 (GETDEF), 24 (LISTEN), 25 (REFRESH), 26 (SET), 27 (VIEW), 28 (TERM), 29 (TRANS), 30 (GROUP), 31 (UPDATE), 32 (FEEDBACK), 33 (EXPAND)					
CSDAPI	CHAR	CPSM	1	LIKE	CSD APICSD API related requestnon-CSD API related request	53



Table 467. FEEDBACK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSDAPI Input/output valid values	Y (YES), N (NO)					
DIAGNOSTIC	BINARY	CPSM	32	LIKE	Internal diagnostic data	43
ERRCODEVAL	CHAR	CPSM	1	LIKE	Error code value available Error Code valid No Error Code Data	7
ERRCODEVAL Input/output valid values	Y (YES), N (NO)					
ERROR_CODE	BINARY	CPSM	4	LIKE	Error code	10
ERR_COUNT	BINARY	CPSM	4	LIKE	Error result count	45
ERR_OBJECT	CHAR	CPSM	8	LIKE	Feedback error object name	47
ERR_RESULT	BINARY	CPSM	4	LIKE	Error result token	44
EXPANSION	CHAR	CPSM	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
RSLTRECID	BINARY	CPSM	4	LIKE	Result set record ID	42
RSRVED01	BINARY	CPSM	2	LIKE	Reserved Area	41

## FENODDEF Resource Table

A CICS Definition that describes a FEPI Node.

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

The following actions are supported:

### INSTALL

Install a FEPI Node Definition.

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

### External resource name

CICSDefinitionFEPINode

### Length

1168

**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**  
CICS Definition  
**Copybook identifier**  
EYUt3829

Table 468. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES NO)	No
		MODE(value)	No
		NOTIFY(NO INACTIVE RELEASE 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 469. FENODDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify

Table 469. FENODDEF FEEDBACK error codes (continued)

41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 470. FENODDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ACQSTATUS	CV DAS	CPSM	4	Yes	LIKE	No	Acquired status	ACQUIRED			15
ACQSTATUS Input/output valid values	ACQUIRED, RELEASED										
CHANGEAGENT	CV DAS	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
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	0-99999999		19
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				13
<b>NAME-1</b>	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	CV DAS	CPSM	4	Yes	LIKE	No	Node service status	INSERVICE			16

Table 470. FENODDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				12

## FEPICONN Resource Table

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

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

The following actions are supported:

### ACQUIRE

Acquire the FEPI connection.

### INSERVICE

Place the FEPI connection in service.

### OUTSERVICE

Place the FEPI connection out of service.

### RELEASE

Release the FEPI connection.

These actions require no unique parameter data.

### External resource name

CICSFEPIConnection

### Length

160

**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**  
EYU0057

Table 471. Valid CPSM operations

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

Table 472. FEPICCONN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACQSTATUS	CVDAS	INQ	4	LIKE	Yes	Acquired status	11
ACQSTATUS Input/output valid values	ACQUIRED, RELEASED						
ACQSTATUS Output valid values	ACQUIRING, RELEASING						
ACQUIRES	BINARY	STAT	4	AVG	No	Number of acquires	4
CHARSRECD	BINARY	STAT	4	AVG	No	Number of characters received	8
CHARSENT	BINARY	STAT	4	AVG	No	Number of characters sent	7
CONVERSATNS	BINARY	STAT	4	AVG	No	Number of conversations	5
ERRORS	BINARY	STAT	4	AVG	No	Number of error conditions	10
INSTLSTATUS	CVDAS	INQ	4	LIKE	No	Connections install status	12
INSTLSTATUS Output valid values	INSTALLED, NOTINSTALLED						
LASTACQCODE	BINARY	INQ	4	AVG	No	Sense code from last REQSESS request	13
<b>NODENAME-2</b>	CHAR	INQ	8	DIFF	Yes	Node name	2
POOLNAME	CHAR	STAT	8	DIFF	No	Pool name	3
RCVTIMEOUT	BINARY	STAT	4	AVG	No	Number of receive timeouts	9
SERVSTATUS	CVDAS	INQ	4	LIKE	Yes	Connection service status	14
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE						
SERVSTATUS Output valid values	GOINGOUT						
STATE	CVDAS	INQ	4	LIKE	No	Conversation status	15
STATE Output valid values	NOCONV, PENDSTSN, STSN, PENDING, BEGINSESSION, APPLICATION, PENDDATA, PENDSTART, PENDFREE, FREE, PENDRELEASE, RELEASE, PENDUNSOL, UNSOLDATA, PENDPASS						
<b>TARGETNAME-1</b>	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

Table 472. FEPICONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
WAITCONVNUM	BINARY	INQ	4	AVG	No	Number of conversations waiting for connection	16

## FEPINODE Resource Table

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

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

The following actions are supported:

**ACQUIRE**

Acquire the FEPI node.

**DISCARD**

Discard the FEPI node.

**INSERVICE**

Place the FEPI node in service.

**OUTSERVICE**

Place the FEPI node out of service.

**RELEASE**

Release the FEPI node.

**External resource name**

CICSFEPINode

**Length**

112

**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**

EYUt0061

Table 473. Valid CPSM operations

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

Table 473. Valid CPSM operations (continued)

DISCARD	None	N/A
INSERVICE	None	N/A
OUTSERVICE	None	N/A
RELEASE	None	N/A

Table 474. 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
<b>NODENAME-1</b>	CHAR	INQ	8	DIFF	Yes	Node name	1
SERVSTATUS	CVDAS	INQ	4	LIKE	Yes	Node service status	6
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE						
SERVSTATUS Output valid values	GOINGOUT						
USERDATA	CHAR	INQ	64	DIFF	Yes	User data for node	7

## FEPIPOOL Resource Table

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

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

The following actions are supported:

**ADD** Add nodes and targets to a FEPI pool.

The parameter data for the ADD action is:

```
PARM('NODES(node,...) TARGETS(trgt,...)
      [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

CICSFEPIPool

## Length

208

**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

EYUt0058



Table 475. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADD	ACQSTATUS(ACQUIRED   RELEASED) NODES SERVSTATUS(INSERVICE   OUTSERVICE) TARGETS	Yes Yes Yes Yes
	DELETE	NODES POOL(value) TARGETS	Yes No Yes
	DISCARD	None	N/A
	INSERVICE	None	N/A
	INSTALL	ACQSTATUS(ACQUIRED   RELEASED) NODES POOL(value) PROPERTY(value) SERVSTATUS(INSERVICE   OUTSERVICE) TARGETS	Yes Yes No Yes Yes
	OUTSERVICE	None	N/A

Table 476. FEPIPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
BEGINSESSION	CHAR	INQ	4	DIFF	No	Begin-session transaction	12
CONNECTIONS	BINARY	STAT	4	AVG	No	Number of connections	4
CONTENTION	CVDAS	INQ	4	LIKE	No	Begin-bracket contention resolution	13
CONTENTION Output valid values	LOSE, WIN						
CURALLCS	BINARY	STAT	4	AVG	No	Current number of allocates	6
CURALLCWAIT	BINARY	STAT	4	AVG	No	Current number of allocates waiting	8
DEVICE	CVDAS	INQ	4	LIKE	No	Device type	14
DEVICE Output valid values	T3278M2, T3278M3, T3278M4, T3278M5, T3279M2, T3279M3, T3279M4, T3279M5, TPS55M2, TPS55M3, TPS55M4, LUP						
ENDSESSION	CHAR	INQ	4	DIFF	No	End-session transaction	15
EXCEPTIONQ	CHAR	INQ	4	DIFF	No	TDQ queue holding exceptions	16
FJOURNALNAME	CHAR	INQ	8	DIFF	No	Journal name	30
FJOURNALNUM	BINARY	INQ	4	AVG	No	Journal number	17
FORMAT	CVDAS	INQ	4	LIKE	No	Data format option	18
FORMAT Output valid values	FORMATTED, DATASTREAM, NOTAPPLIC						
INITIALDATA	CVDAS	INQ	4	LIKE	No	Initial inbound data status	19
INITIALDATA Output valid values	INBOUND, NOTINBOUND						
INSTLSTATUS	CVDAS	INQ	4	LIKE	No	Pool install status	20

Table 476. FEPIPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
INSTLSTATUS Output valid values	INSTALLED, NOTINSTALLED						
MAXFLENGTH	BINARY	INQ	4	AVG	No	Maximum length of returned data	21
MSGJRNL	CVDAS	INQ	4	LIKE	No	Message journalling 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
<b>POOLNAME-1</b>	CHAR	INQ	8	DIFF	Yes	Pool name	1
PROPERTYSET	CHAR	INQ	8	DIFF	No	Property set name	23
SERVSTATUS	CVDAS	INQ	4	LIKE	Yes	Pool service status	24
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE						
SERVSTATUS Output valid values	GOINGOUT						
STSN	CHAR	INQ	4	DIFF	No	Set and test sequence-number (STSN) transaction	25
TARGETS	BINARY	STAT	4	AVG	No	Number of targets	2
TOTALLOCTOUT	BINARY	STAT	4	AVG	No	Total number of allocates that timed out	11
TOTALLOCWAIT	BINARY	STAT	4	AVG	No	Total number of allocates that waited	10
UNSOLDATA	CHAR	INQ	4	DIFF	No	Unsolicited data transaction	26
UNSOLDATAACK	CVDAS	INQ	4	LIKE	No	Unsolicited-data bid-acknowledgement	27
UNSOLDATAACK Output valid values	NEGATIVE, POSITIVE, NOTAPPLIC						
USERDATA	CHAR	INQ	64	DIFF	Yes	Pool user data	29
WAITCONVNUM	BINARY	INQ	4	AVG	No	Number of conversations waiting	28

## FEPIPROP Resource Table

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

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

The following actions are supported:

### DISCARD

Discard the FEPI property set.

### External resource name

CICSFEPIPropertySet

### Length

88

**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**

EYUt0062

Table 477. Valid CPSM operations

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

Table 478. FEPIPROP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
BEGINSESSION	CHAR	INQ	4	DIFF	No	Begin-session transaction	2
CONTENTION	CVDAS	INQ	4	LIKE	No	Contention resolution result	3
CONTENTION Input/output valid values	LOSE, WIN						
DEVICE	CVDAS	INQ	4	LIKE	No	Device type	4
DEVICE Input/output valid values	T3278M2, T3278M3, T3278M4, T3278M5, T3279M2, T3279M3, T3279M4, T3279M5, TPS55M2, TPS55M3, TPS55M4, LUP						
ENDSESSION	CHAR	INQ	4	DIFF	No	End-session transaction	5
EXCEPTIONQ	CHAR	INQ	4	DIFF	No	TDQ queue holding exceptions	6
FJOURNALNAME	CHAR	INQ	8	DIFF	No	Journal name	15
FJOURNALNUM	CNUMERIC	INQ	4	AVG	No	Journal number	7
FORMAT	CVDAS	INQ	4	LIKE	No	Data format	8
FORMAT Input/output valid values	FORMATTED, DATASTREAM, NOTAPPLIC						
INITIALDATA	CVDAS	INQ	4	LIKE	No	Initial-inbound-data option	9
INITIALDATA Input/output valid values	INBOUND, NOTINBOUND						
MAXLENGTH	BINARY	INQ	4	AVG	No	Maximum length of returned data	10
MSGJRNL	CVDAS	INQ	4	LIKE	No	Journal status	11

Table 478. FEPIPROP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
MSGJRNL Input/output valid values	NOMSGJRNL, INPUT, OUTPUT, INOUT						
<b>PROPERTYSET-1</b>	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	CV DAS	INQ	4	LIKE	No	Unsolicited data response	14
UNSOLDATAACK Input/output valid values	NEGATIVE, POSITIVE, NOTAPPLIC						

## FEPITRGT Resource Table

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

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

The following actions are supported:

**DISCARD**

Discard a FEPI target.

**INSERVICE**

Place a FEPI target in service.

**OUTSERVICE**

Place a FEPI target out of service.

**External resource name**

CICSFEPITarget

**Length**

136

**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**

EYUt0059

Table 479. Valid CPSM operations

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

Table 480. 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
<b>POOLNAME-2</b>	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						
<b>TARGETNAME-1</b>	CHAR	INQ	8	DIFF	Yes	Target name	1
TOTALLOCTOUT	BINARY	STAT	4	AVG	No	Total number of allocates that timed out	9
TOTALLOCWAIT	BINARY	STAT	4	AVG	No	Total number of allocates that waited	6
USERDATA	CHAR	INQ	64	DIFF	Yes	Target user data	12

## FEPODEF Resource Table

A CICS Definition that describes a FEPI Pool.

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

The following actions are supported:

### INSTALL

Install a FEPI Pool Definition.

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

### External resource name

CICSDefinitionFEPIPoo

**Length**

1432

**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**

CICS Definition

**Copybook identifier**

EYUt3827

Table 481. Valid CPSM operations

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

Table 482. FEPODEF FEEDBACK error codes

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

Table 482. FEPOODEF FEEDBACK error codes (continued)

23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELISTEND	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 483. FEPOODEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ACQSTATUS	CV DAS	CPSM	4	No	LIKE	No	Pool acquire status	ACQUIRED			17
ACQSTATUS Input/output valid values	ACQUIRED, RELEASED										
CHANGEAGENT	CV DAS	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

Table 483. FEPOODEF 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				9
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	0-99999999		20
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				13
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
NODELIST	CHAR	CPSM	1024	No	DIFF	No	Node list				18
PROPERTYSET	CHAR	CPSM	8	Yes	DIFF	No	Property set name				15
SERVSTATUS	CVDAS	CPSM	4	No	LIKE	No	Pool service status	INSERVICE			16
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE										
TARGETLIST	CHAR	CPSM	256	No	DIFF	No	Target region list				19
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				12

## FEPRODEF Resource Table

A CICS Definition that describes a FEPI Property Set.

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

The following actions are supported:

### INSTALL

Install a FEPI Property Set Definition.

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

### External resource name

CICSDefinitionFEPIPropertySet

### Length

200

**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**  
 CICS Definition  
**Copybook identifier**  
 EYUt3830

Table 484. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES NO)	No
		MODE(value)	No
		NOTIFY(NO INACTIVE RELEASE 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 485. FEPRODEF FEEDBACK error codes

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

Table 485. FEPRODEF FEEDBACK error codes (continued)

27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 486. 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
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

Table 486. FEPRODEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	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										
MAXLENGTH	CHAR	CPSM	8	No	DIFF	No	Maximum length of returned data	4096	128-1048576		23
MSGJRNL	CVDAS	CPSM	4	No	LIKE	No	Journal status	NOMSGJRNL			24
MSGJRNL Input/output valid values	NOMSGJRNL, INPUT, OUTPUT, INOUT										
<b>NAME-1</b>	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

Table 486. FEPRODEF resource table attributes (continued)

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

## FETRGDEF Resource Table

A CICS Definition that describes a FEPI Target.

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

The following actions are supported:

### INSTALL

Install a FEPI Target Definition.

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

### External resource name

CICSDefinitionFEPITarget

### Length

1160

**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

CICS Definition

### Copybook identifier

EYUt3828

Table 487. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value) RESGROUP(value)	No No

Table 487. Valid CPSM operations (continued)

CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES NO)	No
		MODE(value)	No
		NOTIFY(NO INACTIVE RELEASE 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 488. FETRGDEF FEEDBACK error codes

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

Table 488. FETRGDEF FEEDBACK error codes (continued)

49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_REL	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 489. 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
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	0-99999999		18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				13
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
SERVSTATUS	CVDAS	CPSM	4	No	LIKE	No	Service status	INSERVICE			15
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE										
TARGETLIST	CHAR	CPSM	512	No	DIFF	No	Target list				17
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				12

## FILEDEF Resource Table

A CICS Definition that describes the physical and operational characteristics of a file.

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

The **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 a resource to the specified resource group.

### **CSDCOPY**

Copy a CICS CSD resource definition.

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

### **CSDINSTALL**

Install a CICS CSD resource definition into an active system.

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

### **INSTALL**

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

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**

456

**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**

CICS Definition

### **Copybook identifier**

EYUt3801

Table 490. Valid CPSM operations

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

Table 490. Valid CPSM operations (continued)

GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES NO)	No
		MODE(value)	No
		NOTIFY(NO INACTIVE REMOVE REPLACE FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET RELATED NONE 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 491. FILEDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify



Table 491. FILEDEF FEEDBACK error codes (continued)

41	INV_OVERTYPE	Invalid override type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS retype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 492. FILEDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ACCESSMETH	CVDAS	CPSM	4	Yes	LIKE	No	File access method	VSAM		E330P	1475
ACCESSMETH Input/output valid values	ESDS, KSIDS, RRDS, KEYED, BDAM, VSAM, NOTAPPLIC										
ADD	EYUDA	CPSM	4	Yes	LIKE	No	Add option	NO			8
ADD Input/output valid values	YES, NO										
BACKUPTYPE	CVDAS	CPSM	4	Yes	LIKE	No	CICS VSAM file backup type	STATIC			13
BACKUPTYPE Input/output valid values	STATIC, DYNAMIC										
BASENAME	CHAR	CPSM	8	No	DIFF	No	Base data set name			E330P	1435
BROWSE	EYUDA	CPSM	4	Yes	LIKE	No	Browse option	NO			9
BROWSE Input/output valid values	YES, NO										

Table 492. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CATNAME	CHAR	CPSM	7	No	DIFF	No	VSAM catalog name			EALL	70
CHANGEAGENT	CV DAS	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
<b>CSDGROUP-3</b>	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
<b>DEFVER-2</b>	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	07	0-99999999		73
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				56
DISPOSITION	CV DAS	CPSM	4	Yes	LIKE	No	Disposition of file	SHARE			15
DISPOSITION Input/output valid values	SHARE, OLD										
DSNAME	CHAR	CPSM	60	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										

Table 492. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
EXTFILEMGR	CHAR	CPSM	4	No	DIFF	No	Use external file manager	N		EALL	63
EXTFILEMGR Input/output valid values	N, Y										
FILEACCESS	CHAR	CPSM	1	No	DIFF	No	Access method	R		EALL	60
FILEACCESS Input/output valid values	O, R, U										
FILEENABLED	CHAR	CPSM	1	No	DIFF	No	File enabled status	Y		EALL	58
FILEENABLED Input/output valid values	N, Y, U										
FILEOPEN	CHAR	CPSM	1	No	DIFF	No	File open status	Y		EALL	57
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										

Table 492. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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
LOADTYPE Input/output valid values	YES, NO										
LOG	EYUDA	CPSM	4	Yes	LIKE	No	Automatic logging	NO		E330P	1505
LOG Input/output valid values	YES, NO										
LSRPOOLID	CHAR	CPSM	4	No	DIFF	No	Local shared resources pool ID	1	1-8		27

Table 492. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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
<b>NAME-1</b>	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	CV DAS	CPSM	4	Yes	LIKE	No	Default level of read integrity	UNCOMMITTED			32
READINTEG Input/output valid values	UNCOMMITTED, CONSISTENT, REPEATABLE										
RECORDFORMAT	CV DAS	CPSM	4	Yes	LIKE	No	Record format	VARIABLE			33

Table 492. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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	E330P	465
RSL Input/output valid values	PUBLIC										
SHR4ACCESS	EYUDA	CPSM	4	No	LIKE	No	VSAM share access	KEY		EALL	72
SHR4ACCESS Input/output valid values	KEY, RBA										
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Initial status	ENABLED			39
STATUS Input/output valid values	ENABLED, DISABLED, UNENABLED										
STRINGS	CHAR	CPSM	4	No	DIFF	No	Maximum concurrent requests against file	1	1-255		40
TABLE	EYUDA	CPSM	4	Yes	LIKE	No	Data table type	NO			41
TABLE Input/output valid values	NO, CICS, USER, CF										
TABlename	CHAR	CPSM	8	No	DIFF	No	Table name				67

Table 492. FILEDEF resource table attributes (continued)

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

## FILINGRP Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6146

Table 493. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 493. Valid CPSM operations (continued)

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

Table 494. FILINGRP FEEDBACK error codes

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

Table 495. 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
<b>FILEGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>FILENAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	File definition name	6
<b>FILEVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	File definition version	7

## FNOINGRP Resource Table

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

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

There are no object specific actions for this resource class.

### External resource name

#### Length

56

**Usage** API or Batch Utility



**API view**  
 No  
**CMAS context**  
 No  
**SCOPE applies**  
 No  
**Only query CMASs in workload**  
 No  
**Object type**  
 CICSplex SM Definition  
**Copybook identifier**  
 EYUt6174

Table 496. Valid CPSM operations

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

Table 497. FNOINGRP FEEDBACK error codes

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

Table 498. 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
<b>FNOGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>FNONAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	FEPI node definition name	6
<b>FNOVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	FEPI node definition version	7

## FPOINGRP Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6172

Table 499. Valid CPSM operations

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

Table 500. FPOINGRP FEEDBACK error codes

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

Table 501. 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
<b>FPOGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>FPONAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	FEPI pool definition name	6
<b>FPOVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	FEPI pool definition version	7

## FPRINGRP Resource Table

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

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

There are no object specific actions for this resource class.

### External resource name

#### Length

56

**Usage** API or Batch Utility

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSPlex SM Definition

#### Copybook identifier

EYUt6175

Table 502. Valid CPSM operations

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

Table 503. FPRINGRP FEEDBACK error codes

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

Table 504. 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
<b>FPRGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>FPRNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	FEPI property set definition name	6
<b>FPRVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	FEPI property set definition version	7

## FSEGDEF Resource Table

A CICS Definition that describes the key segments associated with a CICS for OS/2 file.

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

**External resource name**

**Length**

568

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**  
CICS Definition  
**Copybook identifier**  
EYUt3820

Table 505. Valid CPSM operations

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

Table 506. FSEGDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name

Table 507. 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

Table 507. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ALTKEY02 Input/output valid values	N, Y										
ALTKEY03	CHAR	CPSM	1	No	DIFF	No	Key segment 03 uses EBCDIC sort sequence			EALL	35
ALTKEY03 Input/output valid values	N, Y										
ALTKEY04	CHAR	CPSM	1	No	DIFF	No	Key segment 04 uses EBCDIC sort sequence			EALL	45
ALTKEY04 Input/output valid values	N, Y										
ALTKEY05	CHAR	CPSM	1	No	DIFF	No	Key segment 05 uses EBCDIC sort sequence			EALL	55
ALTKEY05 Input/output valid values	N, Y										
ALTKEY06	CHAR	CPSM	1	No	DIFF	No	Key segment 06 uses EBCDIC sort sequence			EALL	65
ALTKEY06 Input/output valid values	N, Y										
ALTKEY07	CHAR	CPSM	1	No	DIFF	No	Key segment 07 uses EBCDIC sort sequence			EALL	75
ALTKEY07 Input/output valid values	N, Y										
ALTKEY08	CHAR	CPSM	1	No	DIFF	No	Key segment 08 uses EBCDIC sort sequence			EALL	85
ALTKEY08 Input/output valid values	N, Y										

Table 507. FSEGDEF resource table attributes (continued)

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

Table 507. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ALTKEY15	CHAR	CPSM	1	No	DIFF	No	Key segment 15 uses EBCDIC sort sequence			EALL	155
ALTKEY15 Input/output valid values	N, Y										
ALTKEY16	CHAR	CPSM	1	No	DIFF	No	Key segment 16 uses EBCDIC sort sequence			EALL	165
ALTKEY16 Input/output valid values	N, Y										
ALTKEY17	CHAR	CPSM	1	No	DIFF	No	Key segment 17 uses EBCDIC sort sequence			EALL	175
ALTKEY17 Input/output valid values	N, Y										
ALTKEY18	CHAR	CPSM	1	No	DIFF	No	Key segment 18 uses EBCDIC sort sequence			EALL	185
ALTKEY18 Input/output valid values	N, Y										
ALTKEY19	CHAR	CPSM	1	No	DIFF	No	Key segment 19 uses EBCDIC sort sequence			EALL	195
ALTKEY19 Input/output valid values	N, Y										
ALTKEY20	CHAR	CPSM	1	No	DIFF	No	Key segment 20 uses EBCDIC sort sequence			EALL	205
ALTKEY20 Input/output valid values	N, Y										



Table 507. FSEGDEF resource table attributes (continued)

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

Table 507. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
BINKEY04	CHAR	CPSM	1	No	DIFF	No	Key segment 04 is binary			EALL	42
BINKEY04 Input/output valid values	N, Y										
BINKEY05	CHAR	CPSM	1	No	DIFF	No	Key segment 05 is binary			EALL	52
BINKEY05 Input/output valid values	N, Y										
BINKEY06	CHAR	CPSM	1	No	DIFF	No	Key segment 06 is binary			EALL	62
BINKEY06 Input/output valid values	N, Y										
BINKEY07	CHAR	CPSM	1	No	DIFF	No	Key segment 07 is binary			EALL	72
BINKEY07 Input/output valid values	N, Y										
BINKEY08	CHAR	CPSM	1	No	DIFF	No	Key segment 08 is binary			EALL	82
BINKEY08 Input/output valid values	N, Y										
BINKEY09	CHAR	CPSM	1	No	DIFF	No	Key segment 09 is binary			EALL	92
BINKEY09 Input/output valid values	N, Y										
BINKEY10	CHAR	CPSM	1	No	DIFF	No	Key segment 10 is binary			EALL	102
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										

Table 507. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
BINKEY12	CHAR	CPSM	1	No	DIFF	No	Key segment 12 is binary			EALL	122
BINKEY12 Input/output valid values	N, Y										
BINKEY13	CHAR	CPSM	1	No	DIFF	No	Key segment 13 is binary			EALL	132
BINKEY13 Input/output valid values	N, Y										
BINKEY14	CHAR	CPSM	1	No	DIFF	No	Key segment 14 is binary			EALL	142
BINKEY14 Input/output valid values	N, Y										
BINKEY15	CHAR	CPSM	1	No	DIFF	No	Key segment 15 is binary			EALL	152
BINKEY15 Input/output valid values	N, Y										
BINKEY16	CHAR	CPSM	1	No	DIFF	No	Key segment 16 is binary			EALL	162
BINKEY16 Input/output valid values	N, Y										
BINKEY17	CHAR	CPSM	1	No	DIFF	No	Key segment 17 is binary			EALL	172
BINKEY17 Input/output valid values	N, Y										
BINKEY18	CHAR	CPSM	1	No	DIFF	No	Key segment 18 is binary			EALL	182
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										

Table 507. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Definition version	0	0-15		5

Table 507. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	0-99999999		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
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

Table 507. FSEGDEF resource table attributes (continued)

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

Table 507. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
DUPKEY13	CHAR	CPSM	1	No	DIFF	No	Key segment 13 allows duplicate keys			EALL	130
DUPKEY13 Input/output valid values	N, Y										
DUPKEY14	CHAR	CPSM	1	No	DIFF	No	Key segment 14 allows duplicate keys			EALL	140
DUPKEY14 Input/output valid values	N, Y										
DUPKEY15	CHAR	CPSM	1	No	DIFF	No	Key segment 15 allows duplicate keys			EALL	150
DUPKEY15 Input/output valid values	N, Y										
DUPKEY16	CHAR	CPSM	1	No	DIFF	No	Key segment 16 allows duplicate keys			EALL	160
DUPKEY16 Input/output valid values	N, Y										
DUPKEY17	CHAR	CPSM	1	No	DIFF	No	Key segment 17 allows duplicate keys			EALL	170
DUPKEY17 Input/output valid values	N, Y										
DUPKEY18	CHAR	CPSM	1	No	DIFF	No	Key segment 18 allows duplicate keys			EALL	180
DUPKEY18 Input/output valid values	N, Y										

Table 507. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
DUPKEY19	CHAR	CPSM	1	No	DIFF	No	Key segment 19 allows duplicate keys			EALL	190
DUPKEY19 Input/output valid values	N, Y										
DUPKEY20	CHAR	CPSM	1	No	DIFF	No	Key segment 20 allows duplicate keys			EALL	200
DUPKEY20 Input/output valid values	N, Y										
DUPKEY21	CHAR	CPSM	1	No	DIFF	No	Key segment 21 allows duplicate keys			EALL	210
DUPKEY21 Input/output valid values	N, Y										
DUPKEY22	CHAR	CPSM	1	No	DIFF	No	Key segment 22 allows duplicate keys			EALL	220
DUPKEY22 Input/output valid values	N, Y										
DUPKEY23	CHAR	CPSM	1	No	DIFF	No	Key segment 23 allows duplicate keys			EALL	230
DUPKEY23 Input/output valid values	N, Y										
DUPKEY24	CHAR	CPSM	1	No	DIFF	No	Key segment 24 allows duplicate keys			EALL	240
DUPKEY24 Input/output valid values	N, Y										
LENKEY01	CHAR	CPSM	4	No	DIFF	No	Key segment 01 length		0-999	EALL	9



Table 507. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
LENKEY02	CHAR	CPSM	4	No	DIFF	No	Key segment 02 length		0-999	EALL	19
LENKEY03	CHAR	CPSM	4	No	DIFF	No	Key segment 03 length		0-999	EALL	29
LENKEY04	CHAR	CPSM	4	No	DIFF	No	Key segment 04 length		0-999	EALL	39
LENKEY05	CHAR	CPSM	4	No	DIFF	No	Key segment 05 length		0-999	EALL	49
LENKEY06	CHAR	CPSM	4	No	DIFF	No	Key segment 06 length		0-999	EALL	59
LENKEY07	CHAR	CPSM	4	No	DIFF	No	Key segment 07 length		0-999	EALL	69
LENKEY08	CHAR	CPSM	4	No	DIFF	No	Key segment 08 length		0-999	EALL	79
LENKEY09	CHAR	CPSM	4	No	DIFF	No	Key segment 09 length		0-999	EALL	89
LENKEY10	CHAR	CPSM	4	No	DIFF	No	Key segment 10 length		0-999	EALL	99
LENKEY11	CHAR	CPSM	4	No	DIFF	No	Key segment 11 length		0-999	EALL	109
LENKEY12	CHAR	CPSM	4	No	DIFF	No	Key segment 12 length		0-999	EALL	119
LENKEY13	CHAR	CPSM	4	No	DIFF	No	Key segment 13 length		0-999	EALL	129
LENKEY14	CHAR	CPSM	4	No	DIFF	No	Key segment 14 length		0-999	EALL	139
LENKEY15	CHAR	CPSM	4	No	DIFF	No	Key segment 15 length		0-999	EALL	149

Table 507. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
LENKEY16	CHAR	CPSM	4	No	DIFF	No	Key segment 16 length		0-999	EALL	159
LENKEY17	CHAR	CPSM	4	No	DIFF	No	Key segment 17 length		0-999	EALL	169
LENKEY18	CHAR	CPSM	4	No	DIFF	No	Key segment 18 length		0-999	EALL	179
LENKEY19	CHAR	CPSM	4	No	DIFF	No	Key segment 19 length		0-999	EALL	189
LENKEY20	CHAR	CPSM	4	No	DIFF	No	Key segment 20 length		0-999	EALL	199
LENKEY21	CHAR	CPSM	4	No	DIFF	No	Key segment 21 length		0-999	EALL	209
LENKEY22	CHAR	CPSM	4	No	DIFF	No	Key segment 22 length		0-999	EALL	219
LENKEY23	CHAR	CPSM	4	No	DIFF	No	Key segment 23 length		0-999	EALL	229
LENKEY24	CHAR	CPSM	4	No	DIFF	No	Key segment 24 length		0-999	EALL	239
MODKEY01	CHAR	CPSM	1	No	DIFF	No	Key segment 01 modifiable			EALL	11
MODKEY01 Input/output valid values	N, Y										
MODKEY02	CHAR	CPSM	1	No	DIFF	No	Key segment 02 modifiable			EALL	21
MODKEY02 Input/output valid values	N, Y										
MODKEY03	CHAR	CPSM	1	No	DIFF	No	Key segment 03 modifiable			EALL	31
MODKEY03 Input/output valid values	N, Y										

Table 507. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
MODKEY04	CHAR	CPSM	1	No	DIFF	No	Key segment 04 modifiable			EALL	41
MODKEY04 Input/output valid values	N, Y										
MODKEY05	CHAR	CPSM	1	No	DIFF	No	Key segment 05 modifiable			EALL	51
MODKEY05 Input/output valid values	N, Y										
MODKEY06	CHAR	CPSM	1	No	DIFF	No	Key segment 06 modifiable			EALL	61
MODKEY06 Input/output valid values	N, Y										
MODKEY07	CHAR	CPSM	1	No	DIFF	No	Key segment 07 modifiable			EALL	71
MODKEY07 Input/output valid values	N, Y										
MODKEY08	CHAR	CPSM	1	No	DIFF	No	Key segment 08 modifiable			EALL	81
MODKEY08 Input/output valid values	N, Y										
MODKEY09	CHAR	CPSM	1	No	DIFF	No	Key segment 09 modifiable			EALL	91
MODKEY09 Input/output valid values	N, Y										
MODKEY10	CHAR	CPSM	1	No	DIFF	No	Key segment 10 modifiable			EALL	101
MODKEY10 Input/output valid values	N, Y										
MODKEY11	CHAR	CPSM	1	No	DIFF	No	Key segment 11 modifiable			EALL	111
MODKEY11 Input/output valid values	N, Y										

Table 507. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
MODKEY12	CHAR	CPSM	1	No	DIFF	No	Key segment 12 modifiable			EALL	121
MODKEY12 Input/output valid values	N, Y										
MODKEY13	CHAR	CPSM	1	No	DIFF	No	Key segment 13 modifiable			EALL	131
MODKEY13 Input/output valid values	N, Y										
MODKEY14	CHAR	CPSM	1	No	DIFF	No	Key segment 14 modifiable			EALL	141
MODKEY14 Input/output valid values	N, Y										
MODKEY15	CHAR	CPSM	1	No	DIFF	No	Key segment 15 modifiable			EALL	151
MODKEY15 Input/output valid values	N, Y										
MODKEY16	CHAR	CPSM	1	No	DIFF	No	Key segment 16 modifiable			EALL	161
MODKEY16 Input/output valid values	N, Y										
MODKEY17	CHAR	CPSM	1	No	DIFF	No	Key segment 17 modifiable			EALL	171
MODKEY17 Input/output valid values	N, Y										
MODKEY18	CHAR	CPSM	1	No	DIFF	No	Key segment 18 modifiable			EALL	181
MODKEY18 Input/output valid values	N, Y										
MODKEY19	CHAR	CPSM	1	No	DIFF	No	Key segment 19 modifiable			EALL	191
MODKEY19 Input/output valid values	N, Y										

Table 507. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
MODKEY20	CHAR	CPSM	1	No	DIFF	No	Key segment 20 modifiable			EALL	201
MODKEY20 Input/output valid values	N, Y										
MODKEY21	CHAR	CPSM	1	No	DIFF	No	Key segment 21 modifiable			EALL	211
MODKEY21 Input/output valid values	N, Y										
MODKEY22	CHAR	CPSM	1	No	DIFF	No	Key segment 22 modifiable			EALL	221
MODKEY22 Input/output valid values	N, Y										
MODKEY23	CHAR	CPSM	1	No	DIFF	No	Key segment 23 modifiable			EALL	231
MODKEY23 Input/output valid values	N, Y										
MODKEY24	CHAR	CPSM	1	No	DIFF	No	Key segment 24 modifiable			EALL	241
MODKEY24 Input/output valid values	N, Y										
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	File key segment definition name				7
NULKEY01	CHAR	CPSM	1	No	DIFF	No	Key segment 01 allows null characters			EALL	13
NULKEY01 Input/output valid values	N, Y										
NULKEY02	CHAR	CPSM	1	No	DIFF	No	Key segment 02 allows null characters			EALL	23
NULKEY02 Input/output valid values	N, Y										

Table 507. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
NULKEY03	CHAR	CPSM	1	No	DIFF	No	Key segment 03 allows null characters			EALL	33
NULKEY03 Input/output valid values	N, Y										
NULKEY04	CHAR	CPSM	1	No	DIFF	No	Key segment 04 allows null characters			EALL	43
NULKEY04 Input/output valid values	N, Y										
NULKEY05	CHAR	CPSM	1	No	DIFF	No	Key segment 05 allows null characters			EALL	53
NULKEY05 Input/output valid values	N, Y										
NULKEY06	CHAR	CPSM	1	No	DIFF	No	Key segment 06 allows null characters			EALL	63
NULKEY06 Input/output valid values	N, Y										
NULKEY07	CHAR	CPSM	1	No	DIFF	No	Key segment 07 allows null characters			EALL	73
NULKEY07 Input/output valid values	N, Y										
NULKEY08	CHAR	CPSM	1	No	DIFF	No	Key segment 08 allows null characters			EALL	83
NULKEY08 Input/output valid values	N, Y										

Table 507. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
NULKEY09	CHAR	CPSM	1	No	DIFF	No	Key segment 09 allows null characters			EALL	93
NULKEY09 Input/output valid values	N, Y										
NULKEY10	CHAR	CPSM	1	No	DIFF	No	Key segment 10 allows null characters			EALL	103
NULKEY10 Input/output valid values	N, Y										
NULKEY11	CHAR	CPSM	1	No	DIFF	No	Key segment 11 allows null characters			EALL	113
NULKEY11 Input/output valid values	N, Y										
NULKEY12	CHAR	CPSM	1	No	DIFF	No	Key segment 12 allows null characters			EALL	123
NULKEY12 Input/output valid values	N, Y										
NULKEY13	CHAR	CPSM	1	No	DIFF	No	Key segment 13 allows null characters			EALL	133
NULKEY13 Input/output valid values	N, Y										
NULKEY14	CHAR	CPSM	1	No	DIFF	No	Key segment 14 allows null characters			EALL	143
NULKEY14 Input/output valid values	N, Y										

Table 507. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
NULKEY15	CHAR	CPSM	1	No	DIFF	No	Key segment 15 allows null characters			EALL	153
NULKEY15 Input/output valid values	N, Y										
NULKEY16	CHAR	CPSM	1	No	DIFF	No	Key segment 16 allows null characters			EALL	163
NULKEY16 Input/output valid values	N, Y										
NULKEY17	CHAR	CPSM	1	No	DIFF	No	Key segment 17 allows null characters			EALL	173
NULKEY17 Input/output valid values	N, Y										
NULKEY18	CHAR	CPSM	1	No	DIFF	No	Key segment 18 allows null characters			EALL	183
NULKEY18 Input/output valid values	N, Y										
NULKEY19	CHAR	CPSM	1	No	DIFF	No	Key segment 19 allows null characters			EALL	193
NULKEY19 Input/output valid values	N, Y										
NULKEY20	CHAR	CPSM	1	No	DIFF	No	Key segment 20 allows null characters			EALL	203
NULKEY20 Input/output valid values	N, Y										



Table 507. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
NULKEY21	CHAR	CPSM	1	No	DIFF	No	Key segment 21 allows null characters			EALL	213
NULKEY21 Input/output valid values	N, Y										
NULKEY22	CHAR	CPSM	1	No	DIFF	No	Key segment 22 allows null characters			EALL	223
NULKEY22 Input/output valid values	N, Y										
NULKEY23	CHAR	CPSM	1	No	DIFF	No	Key segment 23 allows null characters			EALL	233
NULKEY23 Input/output valid values	N, Y										
NULKEY24	CHAR	CPSM	1	No	DIFF	No	Key segment 24 allows null characters			EALL	243
NULKEY24 Input/output valid values	N, Y										
NUMNLK01	CHAR	CPSM	4	No	DIFF	No	Key segment 01 null key number		0-255	EALL	16
NUMNLK02	CHAR	CPSM	4	No	DIFF	No	Key segment 02 null key number		0-255	EALL	26
NUMNLK03	CHAR	CPSM	4	No	DIFF	No	Key segment 03 null key number		0-255	EALL	36
NUMNLK04	CHAR	CPSM	4	No	DIFF	No	Key segment 04 null key number		0-255	EALL	46

Table 507. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
NUMNLK05	CHAR	CPSM	4	No	DIFF	No	Key segment 05 null key number		0-255	EALL	56
NUMNLK06	CHAR	CPSM	4	No	DIFF	No	Key segment 06 null key number		0-255	EALL	66
NUMNLK07	CHAR	CPSM	4	No	DIFF	No	Key segment 07 null key number		0-255	EALL	76
NUMNLK08	CHAR	CPSM	4	No	DIFF	No	Key segment 08 null key number		0-255	EALL	86
NUMNLK09	CHAR	CPSM	4	No	DIFF	No	Key segment 09 null key number		0-255	EALL	96
NUMNLK10	CHAR	CPSM	4	No	DIFF	No	Key segment 10 null key number		0-255	EALL	106
NUMNLK11	CHAR	CPSM	4	No	DIFF	No	Key segment 11 null key number		0-255	EALL	116
NUMNLK12	CHAR	CPSM	4	No	DIFF	No	Key segment 12 null key number		0-255	EALL	126
NUMNLK13	CHAR	CPSM	4	No	DIFF	No	Key segment 13 null key number		0-255	EALL	136
NUMNLK14	CHAR	CPSM	4	No	DIFF	No	Key segment 14 null key number		0-255	EALL	146
NUMNLK15	CHAR	CPSM	4	No	DIFF	No	Key segment 15 null key number		0-255	EALL	156

Table 507. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
NUMNLK16	CHAR	CPSM	4	No	DIFF	No	Key segment 16 null key number		0-255	EALL	166
NUMNLK17	CHAR	CPSM	4	No	DIFF	No	Key segment 17 null key number		0-255	EALL	176
NUMNLK18	CHAR	CPSM	4	No	DIFF	No	Key segment 18 null key number		0-255	EALL	186
NUMNLK19	CHAR	CPSM	4	No	DIFF	No	Key segment 19 null key number		0-255	EALL	196
NUMNLK20	CHAR	CPSM	4	No	DIFF	No	Key segment 20 null key number		0-255	EALL	206
NUMNLK21	CHAR	CPSM	4	No	DIFF	No	Key segment 21 null key number		0-255	EALL	216
NUMNLK22	CHAR	CPSM	4	No	DIFF	No	Key segment 22 null key number		0-255	EALL	226
NUMNLK23	CHAR	CPSM	4	No	DIFF	No	Key segment 23 null key number		0-255	EALL	236
NUMNLK24	CHAR	CPSM	4	No	DIFF	No	Key segment 24 null key number		0-255	EALL	246
POSKEY01	CHAR	CPSM	4	No	DIFF	No	Key segment 01 position		0-4090	EALL	8
POSKEY02	CHAR	CPSM	4	No	DIFF	No	Key segment 02 position		0-4090	EALL	18
POSKEY03	CHAR	CPSM	4	No	DIFF	No	Key segment 03 position		0-4090	EALL	28

Table 507. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
POSKEY04	CHAR	CPSM	4	No	DIFF	No	Key segment 04 position		0-4090	EALL	38
POSKEY05	CHAR	CPSM	4	No	DIFF	No	Key segment 05 position		0-4090	EALL	48
POSKEY06	CHAR	CPSM	4	No	DIFF	No	Key segment 06 position		0-4090	EALL	58
POSKEY07	CHAR	CPSM	4	No	DIFF	No	Key segment 07 position		0-4090	EALL	68
POSKEY08	CHAR	CPSM	4	No	DIFF	No	Key segment 08 position		0-4090	EALL	78
POSKEY09	CHAR	CPSM	4	No	DIFF	No	Key segment 09 position		0-4090	EALL	88
POSKEY10	CHAR	CPSM	4	No	DIFF	No	Key segment 10 position		0-4090	EALL	98
POSKEY11	CHAR	CPSM	4	No	DIFF	No	Key segment 11 position		0-4090	EALL	108
POSKEY12	CHAR	CPSM	4	No	DIFF	No	Key segment 12 position		0-4090	EALL	118
POSKEY13	CHAR	CPSM	4	No	DIFF	No	Key segment 13 position		0-4090	EALL	128
POSKEY14	CHAR	CPSM	4	No	DIFF	No	Key segment 14 position		0-4090	EALL	138
POSKEY15	CHAR	CPSM	4	No	DIFF	No	Key segment 15 position		0-4090	EALL	148
POSKEY16	CHAR	CPSM	4	No	DIFF	No	Key segment 16 position		0-4090	EALL	158
POSKEY17	CHAR	CPSM	4	No	DIFF	No	Key segment 17 position		0-4090	EALL	168

Table 507. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
POSKEY18	CHAR	CPSM	4	No	DIFF	No	Key segment 18 position		0-4090	EALL	178
POSKEY19	CHAR	CPSM	4	No	DIFF	No	Key segment 19 position		0-4090	EALL	188
POSKEY20	CHAR	CPSM	4	No	DIFF	No	Key segment 20 position		0-4090	EALL	198
POSKEY21	CHAR	CPSM	4	No	DIFF	No	Key segment 21 position		0-4090	EALL	208
POSKEY22	CHAR	CPSM	4	No	DIFF	No	Key segment 22 position		0-4090	EALL	218
POSKEY23	CHAR	CPSM	4	No	DIFF	No	Key segment 23 position		0-4090	EALL	228
POSKEY24	CHAR	CPSM	4	No	DIFF	No	Key segment 24 position		0-4090	EALL	238
SAMKEY01	CHAR	CPSM	1	No	DIFF	No	Key segment 01 part of next segment			EALL	14
SAMKEY01 Input/output valid values	N, Y										
SAMKEY02	CHAR	CPSM	1	No	DIFF	No	Key segment 02 part of next segment			EALL	24
SAMKEY02 Input/output valid values	N, Y										
SAMKEY03	CHAR	CPSM	1	No	DIFF	No	Key segment 03 part of next segment			EALL	34
SAMKEY03 Input/output valid values	N, Y										
SAMKEY04	CHAR	CPSM	1	No	DIFF	No	Key segment 04 part of next segment			EALL	44

Table 507. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
SAMKEY04 Input/output valid values	N, Y										
SAMKEY05	CHAR	CPSM	1	No	DIFF	No	Key Seg 05 part of next segment			EALL	54
SAMKEY05 Input/output valid values	N, Y										
SAMKEY06	CHAR	CPSM	1	No	DIFF	No	Key segment 06 part of next segment			EALL	64
SAMKEY06 Input/output valid values	N, Y										
SAMKEY07	CHAR	CPSM	1	No	DIFF	No	Key segment 07 part of next segment			EALL	74
SAMKEY07 Input/output valid values	N, Y										
SAMKEY08	CHAR	CPSM	1	No	DIFF	No	Key segment 08 part of next segment			EALL	84
SAMKEY08 Input/output valid values	N, Y										
SAMKEY09	CHAR	CPSM	1	No	DIFF	No	Key segment 09 part of next segment			EALL	94
SAMKEY09 Input/output valid values	N, Y										
SAMKEY10	CHAR	CPSM	1	No	DIFF	No	Key segment 10 part of next segment			EALL	104
SAMKEY10 Input/output valid values	N, Y										
SAMKEY11	CHAR	CPSM	1	No	DIFF	No	Key segment 11 part of next segment			EALL	114
SAMKEY11 Input/output valid values	N, Y										

Table 507. FSEGDEF resource table attributes (continued)

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

Table 507. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
SAMKEY19	CHAR	CPSM	1	No	DIFF	No	Key segment 19 part of next segment			EALL	194
SAMKEY19 Input/output valid values	N, Y										
SAMKEY20	CHAR	CPSM	1	No	DIFF	No	Key segment 20 part of next segment			EALL	204
SAMKEY20 Input/output valid values	N, Y										
SAMKEY21	CHAR	CPSM	1	No	DIFF	No	Key segment 21 part of next segment			EALL	214
SAMKEY21 Input/output valid values	N, Y										
SAMKEY22	CHAR	CPSM	1	No	DIFF	No	Key segment 22 part of next segment			EALL	224
SAMKEY22 Input/output valid values	N, Y										
SAMKEY23	CHAR	CPSM	1	No	DIFF	No	Key segment 23 part of next segment			EALL	234
SAMKEY23 Input/output valid values	N, Y										
SAMKEY24	CHAR	CPSM	1	No	DIFF	No	Key segment 24 part of next segment			EALL	244
SAMKEY24 Input/output valid values	N, Y										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				249
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				250
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				251



## FSGINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a file key segment definition (FSEGDEF) in a resource group (RESGROUP). An FSEGDEF can be a member of multiple RESGROUPs.

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

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6165

Table 508. Valid CPSM operations

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

Table 509. FSGINGRP FEEDBACK error codes

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

Table 510. 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
<b>FSEGGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>FSEGNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	File key segment definition name	6
<b>FSEGVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	File key segment definition version	7

## FTRINGRP Resource Table

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

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

There are no object specific actions for this resource class.

### External resource name

#### Length

56

**Usage** API or Batch Utility

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6173

Table 511. Valid CPSM operations

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

Table 512. FTRINGRP FEEDBACK error codes

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

Table 513. 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
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
<b>FTRGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>FTRNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	FEPI target definition name	6
<b>FTRVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	FEPI target definition version	7

## HOST Resource Table

A CICS resource that retrieves information about virtual hosts in the local system.

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

**External resource name**

CICSURIHost

**Length**

144

**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**  
EYUt0163

Table 514. Valid CPSM operations

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

Table 515. HOST resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Status	3
ENABLESTATUS Input/output valid values	ENABLED, DISABLED						
<b>NAME-1</b>	CHAR	INQ	116	DIFF	Yes	Name	1
<b>TCPIPSERVICE-2</b>	CHAR	INQ	8	DIFF	No	Inbound port TCP/IP service relating to this host	2

## 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 that the task was completed in the form of an 8-byte store clock (STCK) value. This task completion STCK is always in Universal Time, Coordinated (UTC). UTC is a universal time standard that is GMT without any adjustment for leap seconds. In the discussion of parameters below, note that 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 special character 'transaction numbers', as follows:

- ' III' for system initialization task
- ' TCP' for terminal control.

These special identifiers are placed in bytes 2 through 4. Byte 1 is a blank (X'40') before the terminal control TCP identifier, and a null value (X'00') before the others. Because the TASK attribute is expected to contain a packed decimal value, it is not possible to specify the special values TASK=' III' or TASK=' TCP' in a filter. If you need to retrieve task history data for these tasks, you must use another attribute in your filter string, for example, TRANID='CSTP'.

**External resource name**  
CICSTaskHistory

**Length**  
2960

**Usage** API 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 516. 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 517. HTASK FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	INV_COMB_RECENT	RECENT parameter not unique	22	INV_COMB_INTV_BAD	Bad combination (INTERVAL+ENDTIME)

Table 517. HTASK FEEDBACK error codes (continued)

23	INV_COMB_INTV	Bad combination (INTERVAL+ENDDATE)	24	INV_COMB_STARTDATE/ TIME must precede ENDDATE/TIME
25	INV_RECENT	Invalid RECENT value	26	INV_INTERVAL Invalid INTERVAL value

Table 518. 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		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ABCODEC	CHAR	CMF	4	DIFF	No	Current ABEND code		18
ABCODEO	CHAR	CMF	4	DIFF	No	Original ABEND code		17
ACTVTYID	HEX	CMF	52	MIN	No	BTS activity ID		153
ACTVTYNM	CHAR	CMF	16	DIFF	No	BTS activity name		152
ALLOCATES	BINARY	CMF	4	AVG	No	Number of ALLOCATE requests		27
APPLNAMEPROG	CHAR	CMF	8	DIFF	No	Application naming - program name		327
APPLNAMETRAN	CHAR	CMF	4	DIFF	No	Application naming - transaction name		326
BAACDCCT	BINARY	CMF	4	AVG	No	BTS activity data container requests		166
BAACQPCT	BINARY	CMF	4	AVG	No	BTS acquire requests		163
BADACTCT	BINARY	CMF	4	AVG	No	BTS define activity requests		158
BADCPACT	BINARY	CMF	4	AVG	No	BTS delete activity and cancel requests		162
BADFIECT	BINARY	CMF	4	AVG	No	BTS define input event requests		169
BADPROCT	BINARY	CMF	4	AVG	No	BTS define process requests		157
BALKPACT	BINARY	CMF	4	AVG	No	BTS link requests		156
BAPRDCCT	BINARY	CMF	4	AVG	No	BTS process data container requests		165
BARASYCT	BINARY	CMF	4	AVG	No	BTS run asynchronous requests		155
BARATECT	BINARY	CMF	4	AVG	No	BTS retrieve reattach event requests		168
BARMPACT	BINARY	CMF	4	AVG	No	BTS resume requests		161
BARSPACT	BINARY	CMF	4	AVG	No	BTS reset requests		159
BARSYNCT	BINARY	CMF	4	AVG	No	BTS run synchronous requests		154
BASUPACT	BINARY	CMF	4	AVG	No	BTS suspend requests		160
BATIAECT	BINARY	CMF	4	AVG	No	BTS timer associated event requests		170
BATOTCCT	BINARY	CMF	4	AVG	No	BTS total data container requests		167
BATOTECT	BINARY	CMF	4	AVG	No	BTS total event requests		171
BATOTPCT	BINARY	CMF	4	AVG	No	BTS total requests		164
BMSCOUNT	BINARY	CMF	4	AVG	No	Total number of BMS requests		67
BMSINCNT	BINARY	CMF	4	AVG	No	Number of BMS map in requests		65
BMSMAPCNT	BINARY	CMF	4	AVG	No	Number of BMS map requests		64
BMSOUTCNT	BINARY	CMF	4	AVG	No	Number of BMS map out requests		66
BRDGTRAN	EYUDA	CMF	4	LIKE	No	Transaction ID started by bridge		137
BRDGTRAN Output valid values	YES, NO							

Table 518. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
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	E640P1	103
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
DB2CONWT	SCLOCK12	CMF	12	MAX	No	DB2 connection(TCB) wait time		189
DB2RDYQW	SCLOCK12	CMF	12	MAX	No	DB2 ready queue wait time		188
DB2REQCT	BINARY	CMF	4	AVG	No	Total number of DB2 requests		201
DB2WAIT	SCLOCK12	CMF	12	MAX	No	DB2 request wait time		190
DETTRANATYPE	EYUDA	CPSM	4	LIKE	No	Transaction type details		263
DETTRANATYPE Output valid values	NONE, SYSTEM, MIRROR, DPL, ONCRPC, WEB, BRIDGE, CICSBTS							
DHCRECT	BINARY	CMF	4	AVG	No	Number of DOCUMENT CREATE requests		181
DHINSCT	BINARY	CMF	4	AVG	No	Number of DOCUMENT INSERT requests		182
DHRETCT	BINARY	CMF	4	AVG	No	Number of DOCUMENT RETRIEVE requests		184
DHSETCT	BINARY	CMF	4	AVG	No	Number of DOCUMENT SET requests		183
DHTOTCT	BINARY	CMF	4	AVG	No	Total number of document requests		185
DHTOTDCL	BINARY	CMF	4	AVG	No	Total length of documents created		186
DISPTIME	SCLOCK12	CMF	12	MAX	No	User task dispatch time		75
DSPDELAY	SCLOCK12	CMF	12	MAX	No	First dispatch delay time		108
ECDSAGETM	BINARY	CMF	4	AVG	No	Number of GETMAIN requests in ECDSA		31

Table 518. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
FIRSTPRGM	CHAR	CMF	8	DIFF	No	First program name		7
GNQDELAY	SCLOCK12	CMF	12	MAX	No	Global enqueue delay time		204
ICCOUNT	BINARY	CMF	4	AVG	No	Number of Interval Control requests		72
IMSREQCT	BINARY	CMF	4	AVG	No	Total number of IMS requests		200
IMSWAIT	SCLOCK12	CMF	12	MAX	No	IMS request wait time		187
INDOUBT	EYUDA	CMF	4	LIKE	No	Transaction indoubt option		134
INDOUBT Output valid values	BACKWARD, FORWARD							
INDOUBTFAIL	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW indoubt failure		271
INDOUBTFAIL Output valid values	YES, NO							
INDOUBTWAIT	EYUDA	CMF	4	LIKE	No	Indoubt wait time		135
INDOUBTWAIT Output valid values	YES, NO							
INTVLC	BINARY	CMF	4	AVG	No	Interval control count		145
INTVLWAIT	SCLOCK12	CMF	12	MAX	No	Interval control delay time		141



Table 518. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
IRIOTIME	SCLOCK12	CMF	12	MAX	No	Interregion communication (MRO) I/O wait time		84
ISOLATEST	EYUDA	CMF	4	LIKE	No	Data isolation type		87
ISOLATEST Output valid values	NO, YES							
J8CPUT	SCLOCK12	CMF	12	MAX	No	J8 TCB mode CPU time		198
JCIOTIME	SCLOCK12	CMF	12	MAX	No	Journal control I/O wait time		82
JCUSRWCNT	BINARY	CMF	4	AVG	No	Number of journal output requests		71
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
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
MXTODLY	SCLOCK12	CMF	12	MAX	No	Maximum open TCB delay time		191
NETNAME	CHAR	CMF	20	DIFF	No	LU 6.2 network-wide UOW netname		11
NETUOWID	HEX	CMF	27	MIN	No	LU6.2 network-wide UOW ID		262
OAPPLID	CHAR	CMF	8	MAX	No	Originating applid	E640	339
OCLIPADR	CHAR	CMF	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
ONETWKID	CHAR	CMF	8	MAX	No	Originating networkid	E640	338
OPORTNUM	BINARY	CMF	4	MAX	No	Originating portnumber	E640	346
ORIGINTYPE	EYUDA	CPSM	4	LIKE	No	Transaction origin type		267
ORIGINTYPE Output valid values	NONE, TERMINAL, TDQUEUE, START, TERMSTART, SCHEDULED, XMRUN, BRIDGE, SOCKET, WEB, IIOP, RRS, LU61, LU62, MRO, ECI, IIRQRECVR, RZSTTRPT							
OSTART	TIMESTP	CMF	8	MAX	No	Originating task start time	E640	340
OTCPSVCE	CHAR	CMF	8	MAX	No	Originating TCPIP SERVICE	E640	345
OTRAN	CHAR	CMF	4	MAX	No	Originating transaction id	E640	342
OTRANFLG	HEX	CMF	8	MAX	No	Originating transaction flags	E640	349

Table 518. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
OTRANNUM	DECIMAL	CMF	4	MAX	No	Originating transaction sequence number	E640	341
OUSERCOR	CHAR	CMF	64	MAX	No	Originating user correlation data	E640	344
OUSERID	CHAR	CMF	8	MAX	No	Originating 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
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
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
RLSCLPUT	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
RMICPSMTIME	SCLOCK12	CMF	12	MAX	No	CICSplex SM RMI elapsed time		334
RMIDB2TIME	SCLOCK12	CMF	12	MAX	No	DB2 RMI elapsed time		330

Table 518. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
RMIDBCTLTIME	SCLOCK12	CMF	12	MAX	No	DBCTL RMI elapsed time		331
RMIEXECDLITM	SCLOCK12	CMF	12	MAX	No	DL/I RMI elapsed time		332
RMIMQSERIEST	SCLOCK12	CMF	12	MAX	No	WebSphere MQ RMI elapsed time		333
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							
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
SHSTGBYTEGMA	BINARY	CMF	4	AVG	No	GETMAIN byte count of shared storage above 16MB		126
SHSTGBYTEGMB	BINARY	CMF	4	AVG	No	GETMAIN byte count of shared storage below 16MB		123
SHSTGGMCABV	BINARY	CMF	4	AVG	No	Shared storage GETMAIN request count above 16MB		125
SHSTGGMCBEL	BINARY	CMF	4	AVG	No	Shared storage GETMAIN request count below 16MB		121
SHUNTED	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW shunted		269
SHUNTED Output valid values	YES, NO							
SOBYDECT	BINARY	CMF	4	AVG	No	Number of socket bytes decrypted		211
SOBYENCT	BINARY	CMF	4	AVG	No	Number of socket bytes encrypted		210
SOIOWTT	SCLOCK12	CMF	12	MAX	No	Inbound TCP/IP sockets I/O wait time		206
SRVSYWTT	SCLOCK12	CMF	12	MAX	No	CFDT syncpoint wait time		148
START	DATETIME	CMF	8	MAX	No	Task start time		2
STOP	DATETIME	CMF	8	MAX	No	Task stop time		3
SUBEXECOMP	EYUDA	CPSM	4	LIKE	No	WLM subset of execution phase complete		266
SUBEXECOMP Output valid values	YES, NO							

Table 518. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
SYNCPTWAITTM	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
TCBATTCT	BINARY	CMF	4	AVG	No	Number of CICS dispatcher TCB attaches		203
TCC62IN2	BINARY	CMF	4	AVG	No	Number of secondary LU62 TC characters received		92
TCC62OU2	BINARY	CMF	4	AVG	No	Number of secondary LU62 TC characters sent		94
TCIOTIME	SCLOCK12	CMF	12	MAX	No	Terminal control I/O wait time		80
TCLDELAY	SCLOCK12	CMF	12	MAX	No	First dispatch delay time caused by TCL		109
TCM62IN2	BINARY	CMF	4	AVG	No	Number of secondary LU62 TC messages received		91
TCM62OU2	BINARY	CMF	4	AVG	No	Number of secondary LU62 TC messages sent		93
TDCOUNT	BINARY	CMF	4	AVG	No	Total number of transient data requests		59
TDGETCNT	BINARY	CMF	4	AVG	No	Number of transient data GET requests		56
TDIOTIME	SCLOCK12	CMF	12	MAX	No	Transient data I/O wait time		85
TDPURCNT	BINARY	CMF	4	AVG	No	Number of transient data PURGE requests		58

Table 518. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
<b>TIME-1</b>	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		276
TMRCTFACT	BINARY	CMF	4	AVG	No	Number of OO class library API requests		225
TMRICIPOR	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	Nuber of EVENTS captured	E640 E650	369
TMRECFOC	BINARY	CMF	4	MAX	No	Number of event filter commands	E640 E650	368
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
TMREJBAC	BINARY	CMF	4	AVG	No	Number of bean state activation requests		278
TMREJBCC	BINARY	CMF	4	AVG	No	Number of bean creation requests		280
TMREJBPC	BINARY	CMF	4	AVG	No	Number of bean state passivation requests		279
TMREJBRC	BINARY	CMF	4	AVG	No	Number of bean removal requests		281
TMREJBTC	BINARY	CMF	4	AVG	No	Total number of Enterprise bean requests		288
TMREJMCT	BINARY	CMF	4	AVG	No	Number of Enterprise bean method calls		282
TMRHTDLY	SCLOCK12	CMF	12	AVG	No	Maximum hot-pooling TCB delay time	E640P155	155
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

Table 518. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TMRICSRD	BINARY	CMF	4	AVG	No	Data length of all remote IC starts with channel		320
TMRISACT	BINARY	CMF	4	MAX	No	Number of IPCONN allocate requests	E640	355
TMRISCNM	CHAR	CMF	8	MAX	No	IPCONN Name	E640	354
TMRISWT	SCLOCK12	CMF	12	MAX	No	IPCONN I/O wait time	E640	356
TMRJ9CPU	SCLOCK12	CMF	12	MAX	No	J9 TCB mode CPU time		285
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		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
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

Table 518. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
TMRRQPWT	SCLOCK12	CMF	12	AVG	No	Request processor wait time		254
TMRRQRWT	SCLOCK12	CMF	12	AVG	No	Request receiver wait time		253
TMRSOCIN	BINARY	CMF	4	AVG	No	Number of characters received		237
TMRSOCNS	BINARY	CMF	4	AVG	No	Number of CREATE non-persistent socket requests		232
TMRSOCOT	BINARY	CMF	4	AVG	No	Number of characters sent		239
TMRSOCPS	BINARY	CMF	4	AVG	No	Number of CREATE persistent socket requests		233
TMRSOERC	BINARY	CMF	4	AVG	No	EXTRACT TCPIP and EXTRACT CERTIFICATE request count		231
TMRSOI1C	BINARY	CMF	4	AVG	No	Number of inbound socket characters received		242
TMRSOIMC	BINARY	CMF	4	AVG	No	Number of inbound socket receive requests		241
TMRSONHW	BINARY	CMF	4	AVG	No	Peak number of non-persistent sockets		234
TMRSOO1C	BINARY	CMF	4	AVG	No	Number of inbound socket characters sent		244
TMRSOOMC	BINARY	CMF	4	AVG	No	Number of inbound socket send requests		243
TMRSOOWT	SCLOCK12	CMF	12	AVG	No	Outbound TCP/IP sockets I/O wait time		252
TMR SOPHW	BINARY	CMF	4	AVG	No	Peak number of persistent sockets		235
TMRSORCT	BINARY	CMF	4	AVG	No	Number of socket receive requests		236
TMR SOSCT	BINARY	CMF	4	AVG	No	Number of socket send requests		238
TMR SOTC	BINARY	CMF	4	AVG	No	Total number of socket requests		240
TMRSTDLY	SCLOCK12	CMF	12	AVG	No	Maximum CICS SSL TCB delay time		312
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



Table 518. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TMRTGPID	HEX	CMF	28	DIFF	No	Transaction group ID		219
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
TMRWBBCRC	BINARY	CMF	4	AVG	No	Number of WEB BROWSE requests		228
TMRWBBERC	BINARY	CMF	4	AVG	No	Number of WEB EXTRACT requests		227
TMRWBI1C	BINARY	CMF	4	AVG	No	Number of bytes received by web requests		307
TMRWBIRC	BINARY	CMF	4	AVG	No	Number of web receive requests		306
TMRWBIWC	BINARY	CMF	4	AVG	No	Number of invoke web service requests		303
TMRWBO1C	BINARY	CMF	4	AVG	No	Number of bytes sent by web send requests		309
TMRWBOSC	BINARY	CMF	4	AVG	No	Number of web send requests		308
TMRWBPRC	BINARY	CMF	4	AVG	No	Number of web parse requests		310
TMRWBRDL	BINARY	CMF	4	AVG	No	Data length of data read from the repository		322
TMRWBROC	BINARY	CMF	4	AVG	No	Number of web read requests		304
TMRWBRPR	BINARY	CMF	4	AVG	No	Number of repository reads		226
TMRWBRRRC	BINARY	CMF	4	AVG	No	Number of WEB READ requests		229
TMRWBWDL	BINARY	CMF	4	AVG	No	Data length of data written to the repository		323
TMRWBWOC	BINARY	CMF	4	AVG	No	Number of web write requests		305
TMRWBWRC	BINARY	CMF	4	AVG	No	Number of WEB WRITE requests		230
TMRWMQRC	BINARY	CMF	4	MAX	No	Total number WebSphere MQ requests	E640	351
TMRWPBMN	CHAR	CMF	8	DIFF	No	Program name	E640 E650	374
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



Table 518. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
TRANATYPE	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
USRPS31HWM	BINARY	CMF	4	AVG	No	Maximum program storage in EUDSA		44
USTG24CNT	BINARY	CMF	4	AVG	No	Number of user storage GETMAIN requests below 16MB		28
USTG24HWM	BINARY	CMF	4	AVG	No	Peak number of bytes used by task in UDSA		32
USTG24OCC	BINARY	CMF	8	AVG	No	Average storage usage below 16MB		37
USTG31CNT	BINARY	CMF	4	AVG	No	Number of user storage GETMAIN requests above 16MB		29
USTG31HWM	BINARY	CMF	4	AVG	No	Peak number of bytes used by task in EUDSA		33
USTG31OCC	BINARY	CMF	8	AVG	No	Average storage usage above 16MB		38
WAITTIME	SCLOCK12	CMF	12	MAX	No	Dispatch wait time		78
WBCHRIN	BINARY	CMF	4	AVG	No	Number of Web characters received		176
WBCHROUT	BINARY	CMF	4	AVG	No	Number of Web characters sent		178
WBRCVCT	BINARY	CMF	4	AVG	No	Number of WEB RECEIVE requests		175
WBREPWCT	BINARY	CMF	4	AVG	No	Number of Web repository writes		180
WBSENDCT	BINARY	CMF	4	AVG	No	Number of WEB SEND requests		177
WBTOTCT	BINARY	CMF	4	AVG	No	Total number of Web requests		179
WLMRPTRCNAME	CHAR	CMF	8	DIFF	No	Workload manager report class name		117
WLMSRVCNAME	CHAR	CMF	8	DIFF	No	Workload manager service class name		116

## INDTDQ Resource Table

A CICS Resource that describes an indirect transient data queue in an active CICS system being managed by CICSplex SM.

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

The following action is supported:

**DISCARD**

Discard the destination.

The DISCARD action requires no unique parameter data.

**External resource name**

CICSIndirectTDQueue

**Length**

96

**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**

EYUt0028

Table 519. Valid CPSM operations

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

Table 520. 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			
BASDEFINEVER	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, CREATESPI, NOTAPPLIC								

Table 520. INDTDQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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, CREATESPI, 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 READ, WRITE, and DELETE requests			4
<b>TDQUEUE-1</b>	CHAR	INQ	4	DIFF	Yes	Queue ID			1

## INTRATDQ Resource Table

A CICS Resource that describes an intrapartition transient data queue in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

### DISABLE

Disable the destination.

### DISCARD

Discard a disabled destination.

### ENABLE

Enable the destination.

These actions require no unique parameter data.

### External resource name

CICSIntrapartitionTDQueue

### Length

136

**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**

EYUt0027

Table 521. 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 522. 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			
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

Table 522. INTRATDQ 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	18
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	19
INDOUBT	CVDAS	INQ	4	LIKE	No	In-doubt wait option			11
INDOUBT Output valid values	WAIT, NOWAIT								
INDOUBTWAIT	CVDAS	INQ	4	LIKE	No	In-doubt wait action			12
INDOUBTWAIT Output valid values	QUEUE, REJECT								
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 READ, WRITE, and DELETE requests			9
RECOVSTATUS	CVDAS	INQ	4	LIKE	No	Recovery status			7
RECOVSTATUS Output valid values	PHYSICAL, LOGICAL, NOTRECOVABLE, NOTAPPLIC								
STATUS	CVDAS	INQ	4	LIKE	Yes	Enabled status			5
STATUS Input/output valid values	ENABLED, DISABLED								
STATUS Output valid values	NOTAPPLIC								
<b>TDQUEUE-1</b>	CHAR	INQ	4	DIFF	Yes	Queue ID			1
TRIGGERLEVEL	BINARY	INQ	4	AVG	Yes	Trigger level			8

## IPCINGRP Resource Table

The IPCINGRP views display information about the membership of an IPIC connection definition (IPCONDEF) in a resource group (RESGROUP).

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

The following actions are supported:

**Get** View an association between an IPIC connection definition and a resource group.

**Create** Create an association between an IPIC connection definition and a resource group.

**Remove**

Remove an association between an IPIC connection definition and a resource group from the data repository.

**External resource name****Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6181

Table 523. Valid CPSM operations

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

Table 524. 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
<b>IPCGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>IPCNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Connection definition name	6
<b>IPCVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	Connection definition version	7

## IPCONDEF Resource Table

A CICS Definition that describes an IPIC connection between CICS and a remote system.

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

The **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 a resource to the specified resource group.

**CSDCOPY**

Copy a CICS CSD resource definition.

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

**CSDINSTALL**

Install a CICS CSD resource definition into an active system.

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

**INSTALL**

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

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**

440

**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**

CICS Definition

**Copybook identifier**

EYUt3836

Table 525. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No

Table 525. Valid CPSM operations (continued)

UPDATE		RESGROUP(value)	No
REMOVE		CSD	No
PERFORM SET	INSTALL	CSD	No
		FORCEINS(YES NO)	No
		MODE(value)	No
		NOTIFY(NO INACTIVE RELEASE FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET RELATED NONE 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 526. IPCONDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term



Table 526. IPCONDEF FEEDBACK error codes (continued)

45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED_SYSTEM	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 527. 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

Table 527. IPCONDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	38
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	0-99999999		24
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				23
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	REQUIRED, OPTIONAL, NOTALLOWED										
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										
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
NETWORKID	CHAR	CPSM	8	No	DIFF	No	Remote network ID				15
PORT	CHAR	CPSM	5	Yes	DIFF	No	Port number	NO	1-65535		13
PORT Input/output valid values	NO										
QUEUELIMIT	CHAR	CPSM	8	No	DIFF	No	Queue limit	NO	0-9999		17
QUEUELIMIT Input/output valid values	NO										
RECEIVECOUNT	CHAR	CPSM	3	Yes	DIFF	No	Receive count		1-999		26
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

Table 527. IPCONDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
SSL	EYUDA	CPSM	4	Yes	LIKE	No	Secure sockets layer (SSL) type	NO			11
SSL Input/output valid values	YES, NO										
TCPIPSERVICE	CHAR	CPSM	8	Yes	DIFF	Yes	TCP/IP service				14
USERAUTH	CVDAS	CPSM	4	Yes	LIKE	No	Attach-time user security level	LOCAL			12
USERAUTH Input/output valid values	DEFAULTUSER, LOCAL, VERIFY, IDENTIFY										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				20
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				21
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				22
XLNACTION	EYUDA	CPSM	4	Yes	LIKE	No	Exchange lognames (XLN) action	KEEP			10
XLNACTION Input/output valid values	KEEP, FORCE										

## IPCONN Resource Table

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

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

The following actions are supported:

### ACQUIRE

Acquire the connection.

### BACKOUT

Back out shunted units of work associated with the connection.

### CANCEL

Cancel the connection.

### COMMIT

Commit shunted units of work associated with the connection.

**DISCARD**

Discard the connection.

**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**

696

**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

EYUt0167

Table 528. Valid CPSM operations

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

Table 529. 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			
ALLCFAILLINK	BINARY	STAT	4	DIFF	No	Number of allocations failed on link			32
ALLCFAILOTH	BINARY	STAT	4	DIFF	No	Number of allocations failed for other reasons			33
APPLID	CHAR	INQ	8	DIFF	Yes	Remote application ID			2
AUTOCONNECT	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

Table 529. IPCONN 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	52
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
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
GMTCTIME	TIMESTP	STAT	8	MAX	No	GMT connection create time			23
GMTDTIME	TIMESTP	STAT	8	MAX	No	GMT connection delete time			24
HOST	CHAR	INQ	116	DIFF	Yes	Remote host name			5
HOSTTYPE	CVDAS	INQ	4	LIKE	No	Host name's address format		E640 E650	63
HOSTTYPE Output valid values	HOSTNAME, IPV4, IPV6, NOTAPPLIC								

Table 529. IPCONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
IDPROP	CV DAS	INQ	4	LIKE	No	Identity propagation		E640 E650	70
IDPROP Output valid values	REQUIRED, OPTIONAL, NOTALLOWED								
INSTALLAGENT	CV DAS	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	CV DAS	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	CV DAS	INQ	4	LIKE	No	Link security			16
LINKAUTH Output valid values	SECUSER, CERTUSER								
LOCCTIME	TIMESTP	STAT	8	MAX	No	Local connection create time			21
LOCDDTIME	TIMESTP	STAT	8	MAX	No	Local connection delete time			22
MAXQTIME	BINARY	INQ	4	DIFF	No	Maximum queue time	NO		6
MQTALLPURG	BINARY	STAT	4	DIFF	No	Number of queue time allocates purged			36
MQTALLQPURG	BINARY	STAT	4	DIFF	No	Number of queue time allocation queue purges			35
<b>NAME-1</b>	CHAR	INQ	8	DIFF	Yes	IPIC connection ID			1
NETWORKID	CHAR	INQ	8	DIFF	No	Remote network ID			15
NUMCIPHERS	BINARY	INQ	2	LIKE	No	Number of SSL cipher suite codes			45
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	CV DAS	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
PSENDSESS	BINARY	STAT	4	DIFF	No	Maximum number of send sessions used			26
PURGETYPE	CV DAS	INQ	4	LIKE	Yes	Purge type			17

Table 529. IPCONN resource table attributes (continued)

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



## IPFACIL Resource Table

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

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

The following actions are supported:

**Get** View an association between an IPIC connection definition and an active CICS task.

**External resource name**  
CICSIPFacility

**Length**  
40

**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**  
EYUt0171

Table 530. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 531. 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	DIF	No	IP connection id	3
IPFACILTYPE	CVDAS	INQ	4	LIKE	No	IP facility type	4
IPFACILTYPE Input/output valid values	PRINCIPAL, ALTERNATE						
<b>TASKID-1</b>	DECIMAL	INQ	4	MIN	Yes	Associated task id	1
<b>TOKEN-2</b>	HEX	INQ	4	MIN	Yes	IP facility token	2

## 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.

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6186

Table 532. Valid CPSM operations

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

Table 533. JMSINGRP FEEDBACK error codes

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

Table 534. 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
<b>JMSGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	10
<b>JMSNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	JVM Server definition name	11
<b>JMSVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	JVM server definition version	12

## JRMINGRP Resource Table

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

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

There are no object specific actions for this resource class.

### External resource name

#### Length

56

**Usage** API or Batch Utility

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYU6148

Table 535. Valid CPSM operations

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

Table 536. JRMINGRP FEEDBACK error codes

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

Table 537. 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
<b>JRNMDVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	Journal model definition version	7
<b>JRNMGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>JRNNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Journal model definition name	6

## 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.

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 538. Valid CPSM operations

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

Table 539. JRNINGRP FEEDBACK error codes

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

Table 540. 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
<b>JRNLGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>JRNLNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Journal definition name	6
<b>JRNLVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	Journal definition version	7

## 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.

**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 541. Valid CPSM operations

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

Table 542. JRNLDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name

Table 543. 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									
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Definition version	0	0-15	5
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Definition description			30
DEVADDR	CHAR	CPSM	4	No	DIFF	No	Device address	NO	0-255	23
DEVADDR Input/output valid values	NO									
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									

Table 543. JRNLDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
LABEL	EYUDA	CPSM	4	Yes	LIKE	No	Use standard user label tapes	NO		11
LABEL Input/output valid values	NO, STANDARD									
LAYOUT	EYUDA	CPSM	4	Yes	LIKE	No	Journal structure type	LINEAR		12
LAYOUT Input/output valid values	LINEAR, CYCLIC									
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Journal definition name			7
OPEN	EYUDA	CPSM	4	Yes	LIKE	No	Open time	INITIAL		13
OPEN Input/output valid values	INITIAL, DEFERRED									
OPENSTATUS	CVDAS	CPSM	4	Yes	LIKE	No	Open status	CLOSED		22
OPENSTATUS Input/output valid values	OPEN, CLOSED									
PAUSE	EYUDA	CPSM	4	Yes	LIKE	No	Operator authorization required	NO		19
PAUSE Input/output valid values	YES, NO									
RETRY	EYUDA	CPSM	4	Yes	LIKE	No	Retry I/O errors	NO		18
RETRY Input/output valid values	YES, NO									
RSL	CHAR	CPSM	4	No	DIFF	No	Resource security value	NO	1-24	25
RSL Input/output valid values	NO									
SYSWAIT	EYUDA	CPSM	4	Yes	LIKE	No	I/O initiate time	STARTIO		14
SYSWAIT Input/output valid values	STARTIO, ASIS									
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1			27
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2			28
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3			29
VOLCNT	CHAR	CPSM	4	No	DIFF	No	Number of tape volumes	2	2-255	15



## JRNLMODL Resource Table

A CICS Resource that describes a journal model in an active system running the CICS TS for OS/390 and being managed by CICSplex SM.

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

The following action is supported:

### DISCARD

Discard the journal model.

The DISCARD action requires no unique parameter data.

### External resource name

CICSJournalModel

### Length

128

**Usage** API 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 544. Valid CPSM operations

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

Table 545. 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	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	6

Table 545. JRNLMODL 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, 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
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	CV DAS	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
<b>JOURNALMODEL-1</b>	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	CV DAS	INQ	4	LIKE	No	Log stream type			3
TYPE Output valid values	MVS, SMF, DUMMY								

## JRNLNAME Resource Table

A CICS Resource that describes a journal in an active system running the CICS TS for OS/390 and being managed by CICSplex SM.

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

The following actions are supported:

### DISCARD

Discard the journal name.

### FLUSH

Write the log buffers out to the log stream.

### RESET

Disconnect the journal from the log stream.

These actions require no unique parameter data.

### External resource name

CICSJournalName

### 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**

EYUt0077

Table 546. Valid CPSM operations

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

Table 547. 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	
<b>JOURNALNAME-1</b>	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						

## 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:

### ADDTGRP

Add a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

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

### CSDINSTALL

Install a CICS CSD resource definition into an active system.

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

### INSTALL

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

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 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 548. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 548. Valid CPSM operations (continued)

GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
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
	ADDTOGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR DUPNOREPLACE DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 549. JRNMDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELISTEND	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify

Table 549. JRNMDEF FEEDBACK error codes (continued)

41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 550. 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
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	21
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	87	0-99999999		16
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				15
JOURNALNAME	CHAR	CPSM	8	No	DIFF	No	Journal name				8

Table 550. JRNMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
<b>NAME-1</b>	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

## JVM Resource Table

A CICS Resource that provides information about a JVM.

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

There are no object specific actions for this resource class.

**External resource name**

CICSJVM

**Length**

56

**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**

EYUt0137

Table 551. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 551. Valid CPSM operations (continued)

GET	None	N/A
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Table 552. 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 JVM was initialised	3
ALLOCCAGE	BINARY	INQ	4	AVG	No	Number of seconds 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 JVM	4
EXECKEY Output valid values	CICSEXECKEY, USEREXECKEY						
<b>NAME-1</b>	HEX	INQ	4	DIFF	Yes	Java Virtual Machine	1
PHASINGOUTST	CVDAS	INQ	4	LIKE	No	Phasing out status	8
PHASINGOUTST Output valid values	PHASEOUT, NOPHASEOUT						
PROFILE	CHAR	INQ	8	DIFF	No	Profile used to initialise the JVM	2
REUSEST	CVDAS	INQ	4	LIKE	No	JVM reuse status	9
REUSEST Output valid values	REUSE, NOREUSE, RESET						
TASK	DECIMAL	INQ	4	AVG	No	Task to which the JVM is allocated	5

## JVMPOOL Resource Table

A CICS Resource that provides information about the pool of JVMs in the CICS address space.

The following actions are supported:

**SET** Set a CICS system attribute according to the new value you specify in an 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 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 553. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A
	PHASEOUT	JVMPROFILE(value)	No
	PURGE	JVMPROFILE(value)	No
	FORCEPURGE	JVMPROFILE(value)	No
	START	EXECKEY(CICSEXECKEY   USEREXECKEY) JVMCOUNT(value) JVMPROFILE(value)	Yes Yes Yes

Table 554. 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

Table 554. JVMPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
PROFILEDIR	CHAR	INQ	240	DIFF	No	JVM profile directory	E640 E650	23
SJGCURRCACHE	BINARY	STAT	4	AVG	No	Current worker (class cache) JVMs		19
SJGCURRJVMS	BINARY	STAT	4	AVG	No	Number of current JVMs		8
SJGPEAKCACHE	BINARY	STAT	4	AVG	No	Peak worker (class cache) JVMs		20
SJGPEAKJVMS	BINARY	STAT	4	AVG	No	Peak number of JVMs		9
SJGREQSCACHE	BINARY	STAT	4	AVG	No	JVM requests - class cache		21
SJGREQSINIT	BINARY	STAT	4	AVG	No	Number of JVM requests with JVM initialised		12
SJGREQSMISMA	BINARY	STAT	4	AVG	No	Number of JVM requests with JVM mismatch		13
SJGREQSRESET	BINARY	STAT	4	AVG	No	Number of JVM requests with JVM reset	E650P	12S
SJGREQSREUSE	BINARY	STAT	4	AVG	No	Number of JVM requests with JVM reuse		11
SJGREQSTERMI	BINARY	STAT	4	AVG	No	Number of JVM requests with JVM terminated		14
SJGREQSTOTAL	BINARY	STAT	4	AVG	No	Total number of JVM program requests		10
STATUS	CVDAS	INQ	4	LIKE	Yes	Status of Java virtual machine (JVM) pool		2
STATUS Input/output valid values	ENABLED, DISABLED							
TOTAL	BINARY	INQ	4	AVG	No	Number of pre-initialized Java virtual machines		3

## JVMPROF Resource Table

A CICS Resource that provides information about a JVM profile.

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

There are no object specific actions for this resource class.

**External resource name**

CICSJVMProfile

**Length**

384

**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**  
EYUt0138

Table 555. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 556. 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	E650P	175
CLASSCACHEST	CVDAS	INQ	4	LIKE	No	Class cache status		4
CLASSCACHEST Output valid values	CLASSCACHE, NOCLASSCACHE							
CLEHEAPHWM	BINARY	STAT	4	AVG	No	Peak Language Environment heap used (CICS key)		23
CMISMAVICTIM	BINARY	STAT	4	AVG	No	Number of times CICS key mismatch victim		21
CMISMSTEALER	BINARY	STAT	4	AVG	No	Number of times CICS key mismatch stealer		19
CNEWJVMSCRT	BINARY	STAT	4	AVG	No	New CICS key JVMs created		15
CPEAKPROFUSE	BINARY	STAT	4	AVG	No	Peak JVM profile CICS key use count		13
CPROFILEREQS	BINARY	STAT	4	AVG	No	JVM profile CICS key request count		9
CPROFXMXVALU	CHAR	STAT	8	DIFF	No	JVM profile CICS -Xmx value		29
HFSNAME	CHAR	INQ	255	DIFF	No	Full path name of the HFS file		2
<b>NAME-1</b>	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	E650P	185
ULEHEAPHWM	BINARY	STAT	4	AVG	No	Peak Language Environment heap used (USER key)		24

Table 556. JVMPROF resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
UMISMAVICTIM	BINARY	STAT	4	AVG	No	Number of times USER key mismatch victim		22
UMISMSTEALER	BINARY	STAT	4	AVG	No	Number of times USER key mismatch stealer		20
UNEWJVMSCRT	BINARY	STAT	4	AVG	No	New USER key JVMs created		16
UPEAKPROFUSE	BINARY	STAT	4	AVG	No	Peak JVM profile USER key use count		14
UPROFILEREQS	BINARY	STAT	4	AVG	No	JVM profile USER key request count		10
UPROFXMXVALU	CHAR	STAT	8	DIFF	No	JVM profile USER -Xmx value		30

## JVMSEVR 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 JVMSEVR resource to stop the JVM server runtime environment.

### DISCARD

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

### ENABLE

Enable the JVMSEVR resource to start the JVM server runtime environment.

**SET** Set a CICS system attribute according to the new value you specify in an overtype field.

### External resource name

CICSJVMServer

### Length

144

**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

EYUt0194

*Table 557. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	PURGETYPE(PHASEOUT   PURGE   FORCEPURGE   KILL)	
	DISCARD	None	N/A

*Table 558. JVMSErv resource table attributes*

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
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, CREATESPI, 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
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		8
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		9
ENABLESTATUS	CVDAS	CPSM	4	LIKE	Yes	Enable status		2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED							
ENABLESTATUS Output valid values	ENABLING, DISABLING, DISCARDING							
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		3
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST							
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
<b>NAME-1</b>	CHAR	INQ	8	DIFF	Yes	JVM server name		1
SRVTHRCURR	BINARY	STAT	4	MIN	No	Current number of threads		18
SRVTHRHW	BINARY	STAT	4	MIN	No	Peak number of threads		19
SRVTHRWAITS	BINARY	STAT	4	MIN	No	Number of thread waits		20
SRVTHRWCURR	BINARY	STAT	4	MIN	No	Current number of waiting threads		22
SRVTHRWHW	BINARY	STAT	4	MIN	No	Peak number of waiting threads		23
SRVTHRWTIME	BINARY	STAT	8	MIN	No	Total thread waiting time		21

Table 558. JVMSE<sub>RV</sub> resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
SRVU <sub>SE</sub> COUNT	BINARY	STAT	4	MIN	No	JVM server use count		17
THREADLIMIT	BINARY	INQ	4	MIN	Yes	Maximum number of threads		16

## 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.

### ADDT<sub>OG</sub>RP

Add a resource to the specified resource group.

### CSD<sub>COPY</sub>

Copy a CICS CSD resource definition.

The parameter data for the CSD<sub>COPY</sub> action is described in “Managing CICS definitions in the CSD” on page 14.

### CSD<sub>INSTALL</sub>

Install a CICS CSD resource definition into an active system.

The parameter data for the CSD<sub>INSTALL</sub> action is described in “Managing CICS definitions in the CSD” on page 14.

### INSTALL

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

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 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 559. 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 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	
		ADDTOGRP	RESGROUP(value)	Yes
		CSDINSTALL	None	N/A
		CSDCOPY	AS_RESOURCE(value)	No
			DUPACTION(DUPERROR DUNNOREPLACE DUPREPLACE)	No
			TO_CSDGROUP(value)	No

Table 560. JVMSVDEF FEEDBACK error codes

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

Table 560. JVMSVDEF FEEDBACK error codes (continued)

37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_REL	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 561. 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
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	22
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	87	0-99999999		21



Table 561. JVMSVDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				20
JVMPROFILE	CHAR	CPSM	8	Yes	DIFF	No	JVM profile name				16
LERUNOPTS	CHAR	CPSM	8	Yes	DIFF	No	LE runtime options program				18
<b>NAME-1</b>	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

## LIBDEF Resource Table

A CICS definition that describes a dynamic LIBRARY

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:

### ADDTGRP

Add a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

The parameter data for the CSDCOPY action is described in "Managing CICS definitions in the CSD" on page 14.

### CSDINSTALL

Install a CICS CSD resource definition into an active system.

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

## INSTALL

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

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

### External resource name

CICSDefinitionLIBRARY

### Length

856

**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

CICS Definition

### Copybook identifier

EYUt3837

Table 562. 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 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
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR DUPNOREPLACE DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 563. LIBDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 563. LIBDEF FEEDBACK error codes (continued)

1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 564. 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										
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	37
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	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

Table 564. LIBDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
RANKING	CHAR	CPSM	2	Yes	MIN	No	Ranking	50	1-99		10
STATUS	EYUDA	CPSM	4	Yes	LIKE	No	Enabled status	ENABLED			9
STATUS Input/output valid values	ENABLED, DISABLED										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				28
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				29
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				30

## LIBDSN Resource Table

A CICS definition that describes the datasets that make up a LIBRARY concatenation.

The **Primary** key fields for this resource class are LIBRARY and DSNUM.

The following actions are supported:

**GET** Get the LIBRARY dataset definition.

**External resource name**  
CICSLIBRARYDataSetName

**Length**  
88

**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**  
EYUt0173

Table 565. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 566. LIBDSN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
DSNAME	CHAR	INQ	44	DIFF	Yes	Data set name	3
DSNSEARCHPOS	CNUMERIC	CPSM	8	MAX	Yes	Data set search enumerator	6
<b>DSNUM-2</b>	BINARY	INQ	4	MAX	Yes	LIBRARY data set number	2
<b>LIBRARY-1</b>	CHAR	INQ	8	DIFF	Yes	LIBRARY name	1
SEARCHPOS	BINARY	INQ	4	MAX	Yes	Search position	7

## LIBINGRP Resource Table

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

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

The following actions are supported:

**GET** Get the name of the LIBRARY.

**CREATE**

Create an association between a LIBRARY definition and a resource group.

**REMOVE**

Remove an association between a LIBRARY definition and a resource group, from the data repository

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt6182

Table 567. Valid CPSM operations

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

Table 568. 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
<b>LIBGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>LIBNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Connection definition name	6
<b>LIBVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	Connection definition version	7

## LIBRARY Resource Table

A CICS resource that describes a LIBRARY in an active system being managed by CICSplex SM

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

The following actions are supported:

**DISABLE**

Disable the LIBRARY.

**DISCARD**

Remove the installed LIBRARY.

**ENABLE**

Enable the LIBRARY.

**GET** Get the LIBRARY attributes.

**SET** Set the LIBRARY attributes.

These actions require no unique parameter data.

**External resource name**

CICSLIBRARY

**Length**

112

**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**

EYUt0172

Table 569. Valid CPSM operations

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

Table 570. 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



Table 570. LIBRARY resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
ENABLESTATUS	CV DAS	INQ	4	LIKE	Yes	Enable status			4
ENABLESTATUS Input/output valid values	DISABLED, ENABLED								
ENABLESTATUS Output valid values	DISABLING, ENABLING, DISCARDING								
INSTALLAGENT	CV DAS	INQ	4	LIKE	No	Installation agent		E640 E650	16
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, SYSTEM, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	15
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	14
<b>NAME-1</b>	CHAR	INQ	8	DIFF	Yes	LIBRARY name			1
NUMDSNAMES	BINARY	INQ	4	SUM	Yes	Number of DSNAMES			5
PGMLOADCNT	BINARY	INQ	4	SUM	Yes	Program load count			7
RANKING	BINARY	INQ	4	MIN	Yes	Ranking			2
SEARCHPOS	BINARY	INQ	4	MAX	Yes	Search position			6

## LNKSMSCG Resource Table

A CPSM Topology Definition that describes the link between a CICS system group and a monitor specification (MONSPEC). LNKSMSCG objects are used to generate multiple implicit linkages of CICS systems that are members of the named system group to a MONSPEC.

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

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

### External resource name

#### Length

56

**Usage** API or Batch Utility

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSplex SM Definition

Copybook identifier

EYUt5633

Table 571. 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 572. LNKSMSCG FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Association already exists
6	SPEC_NOT_FOUND	Specification name not found	7	UNK_OLDSPEC	Unknown old specification name
8	UNK_NEWSPEC	Unknown new specification name	9	UNK_SPECNAME	Specification name does not exist
10	INV_OLDSPEC	Invalid old specification name	11	INV_NEWSPEC	Invalid new specification name
12	MISSING_QUE	Missing queue			

Table 573. LNKSMSCG resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CV DAS	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
<b>GROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	System group	6
<b>SPEC-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Monitor specification	5

## LNKSMSCS Resource Table

A CPSM Topology Definition that describes the link between a CICS system and a monitor specification (MONSPEC). LNKSMSCS objects can be created via an explicit reference to a CICS system or implicitly via a LNKSMSCG object.

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

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

For information about LNKSxSCS records see "Special attribute and resource table considerations" on page 9.

### External resource name

#### Length

64

**Usage** API or Batch Utility

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt5634

Table 574. 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 575. LNKSMSCS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Association already exists

Table 575. LNKSMSCS FEEDBACK error codes (continued)

6	SPEC_NOT_FOUND	Specification name not found	7	UNK_OLDSPEC	Unknown old specification name
8	UNK_NEWSPEC	Unknown new specification name	9	UNK_SPECNAME	Specification name does not exist
10	INV_OLDSPEC	Invalid old specification name	11	INV_NEWSPEC	Invalid new specification name
12	MISSING_QUE	Missing queue			

Table 576. 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
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								
<b>SPEC-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Monitor specification		5
<b>SYSTEM-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CICS system		6

## LNKSRSCG Resource Table

A CPSM Topology Definition that describes the link between a CICS system group and an analysis specification (RTASPEC). LNKSRSCG objects are used to generate multiple implicit linkages of CICS systems that are members of the named system group to an RTASPEC.

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

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

### External resource name

CICSRTASpecificationsToSystemGroup

### Length

56

**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**

EYUt5635

Table 577. 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 578. LNKSRS CG FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Association already exists
6	SPEC_NOT_FOUND	Specification name not found	7	UNK_OLDSPEC	Unknown old specification name
8	UNK_NEWSPEC	Unknown new specification name	9	UNK_SPECNAME	Specification name does not exist
10	INV_OLDSPEC	Invalid old specification name	11	INV_NEWSPEC	Invalid new specification name
12	MISSING_QUE	Missing queue			

Table 579. LNKSRS CG resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	No	Last modification agent	7

Table 579. LNKSRSRSCG resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
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
<b>GROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	System group	6
<b>SPEC-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	RTA specification	5

## LNKSRSRSCS Resource Table

A CPSM Topology Definition that describes the link between a CICS system and an analysis specification (RTASPEC). LNKSRSRSCS objects can be created via an explicit reference to a CICS system or implicitly via a LNKSRSRSCG object.

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

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

For information about LNKSxSRS records see "Special attribute and resource table considerations" on page 9.

**External resource name**

CICSRTASpecificationsToSystem

**Length**

64

**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**

EYUt5636

Table 580. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 580. Valid CPSM operations (continued)

GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A
PERFORM SET	CHGSPEC	NEW_SPECNAME(value)	Yes

Table 581. LNKSRS CS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Association already exists
6	SPEC_NOT_FOUND	Specification name not found	7	UNK_OLDSPEC	Unknown old specification name
8	UNK_NEWSPEC	Unknown new specification name	9	UNK_SPECNAME	Specification name does not exist
10	INV_OLDSPEC	Invalid old specification name	11	INV_NEWSPEC	Invalid new specification name
12	MISSING_QUE	Missing queue			

Table 582. LNKSRS CS 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 RTA specification was inherited from		8
LINK	EYUDA	CPSM	4	No	LIKE	No	Creation mode	EXPLICIT	7
LINK Input/output valid values	INHERIT, EXPLICIT								
<b>SPEC-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	RTA specification		5
<b>SYSTEM-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CICS system		6

## LNKSWSCG Resource Table

A CPSM Topology Definition that describes the link between a CICS system group and a workload specification (WLMSPEC). LNKSWSCG objects are used to generate multiple implicit linkages of CICS systems that are members of the named system group to a WLMSPEC. Only CICS systems that are to act as terminal owning regions (TORs) should be linked to a WLMSPEC.

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

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

**External resource name**

CICSWLMSpecificationsToSystemGroup

**Length**

56

**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**

EYUt5637

Table 583. 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 584. LNKSWSCG FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 584. LNKSWSGC FEEDBACK error codes (continued)

1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Association already exists
6	SPEC_NOT_FOUND	Specification name not found	7	UNK_OLDSPEC	Unknown old specification name
8	UNK_NEWSPEC	Unknown new specification name	9	UNK_SPECNAME	Specification name does not exist
10	INV_OLDSPEC	Invalid old specification name	11	INV_NEWSPEC	Invalid new specification name
12	MISSING_QUE	Missing queue			

Table 585. LNKSWSGC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CV DAS	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
<b>GROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	System group	6
<b>SPEC-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	WLM specification	5

## LNKSWSGS Resource Table

A CPSM Topology Definition that describes the link between a CICS system and a workload specification (WLMSPEC). LNKSWSGS objects can be created via an explicit reference to a CICS system or implicitly via a LNKSWSGC object. Only CICS systems that are to act as terminal owning regions (TORs) should be linked to a WLMSPEC.

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

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

For information about LNKSxSGS records see "Special attribute and resource table considerations" on page 9.

### External resource name

CICSWLMSpecificationsToSystem

**Length**

64

**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**

EYUt5638

*Table 586. 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 587. LNKSWSGS FEEDBACK error codes*

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Association already exists
6	SPEC_NOT_FOUND	Specification name not found	7	UNK_OLDSPEC	Unknown old specification name
8	UNK_NEWSPEC	Unknown new specification name	9	UNK_SPECNAME	Specification name does not exist
10	INV_OLDSPEC	Invalid old specification name	11	INV_NEWSPEC	Invalid new specification name
12	MISSING_QUE	Missing queue			

*Table 588. 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

Table 588. LNKSWSGS resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Attr ID
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								
<b>SPEC-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	WLM specification		5
<b>SYSTEM-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CICS system		6

## LOADACT Resource Table

A CICS Resource that provides CICS loader activity by dynamic storage area in an active system being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

**External resource name**  
CICSLoaderByDSA

**Length**  
128

**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**  
EYUt0128

Table 589. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 590. LOADACT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ALOADTIME	INT16US	CPSM	4	AVG	No	Average program load time	21
ALOADWAIT	INT16US	CPSM	4	AVG	No	Average waiting time for program loads	24
ANIUQDSA	INTTSTP	CPSM	8	AVG	No	Average age on DSA Not-In-Use (NIU) queue	30
LDGDPSCR	BINARY	STAT	4	AVG	No	Number of programs removed from DSA by compression	18
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
<b>LDGDSAINDEX-1</b>	CHAR	CPSM	8	DIFF	Yes	DSA index	5
LDGHWMT	BINARY	STAT	4	AVG	No	Number of times loader waiting requests peaked	11
LDGLLR	BINARY	STAT	4	AVG	No	Number of library load requests	6
LDGLLT	INT16US	STAT	4	AVG	No	Total time taken for all program loads	7
LDGPROGNIU	BINARY	STAT	4	AVG	No	Number of programs on Not-In-Use (NIU) queue	16
LDGPUSES	BINARY	STAT	4	AVG	No	Number of program uses	8
LDGRECIU	BINARY	STAT	4	AVG	No	Number of DSA reclaims from Not-In-Use (NIU) queue	17
LDGSTGNIU	BINARY	STAT	4	AVG	No	Size of DSA occupied by Not-In-Use (NIU) programs	15
LDGTTW	INT16US	STAT	4	AVG	No	Total time spent waiting for loader	12
LDGWLR	BINARY	STAT	4	AVG	No	Number of loader requests waiting	9
LDGWLRHW	BINARY	STAT	4	AVG	No	Peak number of waiting loader requests	10
LDGWTDLR	BINARY	STAT	4	AVG	No	Number of loader requests that waited	14
LOADRATE	RATE3	CPSM	8	AVG	No	Rate of program loading	27
PDSANIU	PERCENT3	CPSM	4	AVG	No	Percentage of DSA held by Not-In-Use programs	28
PLOADWAIT	PERCENT3	CPSM	4	AVG	No	Percentage of waits to program uses	25
PSTGNIU	PERCENT3	CPSM	4	AVG	No	Percentage Not-In-Use of DSAs above/below 16MB	29
TLOADWAIT	BINARY	CPSM	4	AVG	No	Total waiting time for program loads	22

## LOADER Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

CICSLoader

**Length**

336

**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**

EYUt0134

Table 591. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 592. 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
ANIUQECSA	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
ANIUQESDSA	INTTSTP	CPSM	8	AVG	Average age on ESDSA Not-In-Use (NIU) queue		63
ANIUQRDSA	INTTSTP	CPSM	8	AVG	Average age on RDSA Not-In-Use (NIU) queue		66
ANIUQSDSA	INTTSTP	CPSM	8	AVG	Average age on SDSA Not-In-Use (NIU) queue		60
LDGDPSCRC	BINARY	STAT	4	AVG	Number of CDSA programs removed by compression		18
LDGDPSCREC	BINARY	STAT	4	AVG	Number of ECDSA programs removed by compression		23
LDGDPSCRER	BINARY	STAT	4	AVG	Number of ERDSA programs removed by compression		43
LDGDPSCRES	BINARY	STAT	4	AVG	Number of ESDSA programs removed by compression		33
LDGDPSCRER	BINARY	STAT	4	AVG	Number of RDSA programs removed by compression		38
LDGDPSCRER	BINARY	STAT	4	AVG	Number of SDSA programs removed by compression		28
LDGDPSCRC	INTTSTP	STAT	8	AVG	Total time for CDSA programs on Not-In-Use queue		19
LDGDPSCREC	INTTSTP	STAT	8	AVG	Total time for ECDSA programs on Not-In-Use queue		24
LDGDPSCRER	INTTSTP	STAT	8	AVG	Total time for ERDSA programs on Not-In-Use queue		44
LDGDPSCRES	INTTSTP	STAT	8	AVG	Total time for ESDSA programs on Not-In-Use queue		34
LDGDPSCRC	INTTSTP	STAT	8	AVG	Total time for RDSA programs on Not-In-Use queue		39

Table 592. LOADER resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
LDGDPSCTS	INTTSTP	STAT	8	AVG	Total time for SDSA programs on Not-In-Use queue		29
LDGDREBS	BINARY	STAT	4	AVG	Number of successful load retries		12
LDGHWMT	BINARY	STAT	4	AVG	Number of times waiting loader requests peaked		10
LDGLBSOU	BINARY	STAT	4	AVG	LIBRARY search order updates	E640	84
LDGLLR	BINARY	STAT	4	AVG	Number of LIBRARY load requests		5
LDGLLT	INT16US	STAT	4	AVG	Total time for all loads		6
LDGLSORT	BINARY	STAT	4	AVG	LIBRARY search order update time	E640	86
LDGLWSOU	BINARY	STAT	4	AVG	Load requests waited due to search order update	E640	85
LDGPROGNIUC	BINARY	STAT	4	AVG	Number of CDSA programs on Not-In-Use (NIU) queue		16
LDGPROGNIUEC	BINARY	STAT	4	AVG	Number of ECDSA programs on Not-In-Use (NIU) queue		21
LDGPROGNIUER	BINARY	STAT	4	AVG	Number of ERDSA programs on Not-In-Use (NIU) queue		41
LDGPROGNIUES	BINARY	STAT	4	AVG	Number of ESDSA programs on Not-In-Use (NIU) queue		31
LDGPROGNIUR	BINARY	STAT	4	AVG	Number of RDSA programs on Not-In-Use (NIU) queue		36
LDGPROGNIUS	BINARY	STAT	4	AVG	Number of SDSA programs on Not-In-Use (NIU) queue		26
LDGPUSES	BINARY	STAT	4	AVG	Number of program uses		7
LDGRECNIUC	BINARY	STAT	4	AVG	Number of CDSA reclaims from Not-In-Use queue		17
LDGRECNIUEC	BINARY	STAT	4	AVG	Number of ECDSA reclaims from Not-In-Use queue		22
LDGRECNIUER	BINARY	STAT	4	AVG	Number of ERDSA reclaims from Not-In-Use queue		42
LDGRECNIUES	BINARY	STAT	4	AVG	Number of ESDSA reclaims from Not-In-Use queue		32
LDGRECNIUR	BINARY	STAT	4	AVG	Number of RDSA reclaims from Not-In-Use queue		37
LDGRECNIUS	BINARY	STAT	4	AVG	Number of SDSA reclaims from Not-In-Use queue		27
LDGSTGNIUC	BINARY	STAT	4	AVG	Size of CDSA occupied by Not-In-Use (NIU) programs		15
LDGSTGNIUEC	BINARY	STAT	4	AVG	Size of ECDSA occupied by Not-In-Use programs		20
LDGSTGNIUER	BINARY	STAT	4	AVG	Size of ERDSA occupied by Not-In-Use programs		40
LDGSTGNIUES	BINARY	STAT	4	AVG	Size of ESDSA occupied by Not-In-Use programs		30
LDGSTGNIUR	BINARY	STAT	4	AVG	Size of RDSA occupied by Not-In-Use (NIU) programs		35
LDGSTGNIUS	BINARY	STAT	4	AVG	Size of SDSA occupied by Not-In-Use (NIU) programs		25
LDGTTW	INT16US	STAT	4	AVG	Total time spent waiting for loader		11
LDGWLR	BINARY	STAT	4	AVG	Number of loader requests waiting		8
LDGWLRHW	BINARY	STAT	4	AVG	Peak number of waiting loader requests		9
LDGWTDLR	BINARY	STAT	4	AVG	Number of loader requests that waited		13
LOADRATE	RATE3	CPSM	8	AVG	Rate of program loading		51
PCDSANIU	PERCENT3	CPSM	4	AVG	Percentage of CDSA held by Not-In-Use programs		52
PECDSANIU	PERCENT3	CPSM	4	AVG	Percentage of ECDSA held by Not-In-Use programs		55
PERDSANIU	PERCENT3	CPSM	4	AVG	Percentage of ERDSA held by Not-In-Use programs		67
PESDSANIU	PERCENT3	CPSM	4	AVG	Percentage of ESDSA held by Not-In-Use programs		61
PLOADWAIT	PERCENT3	CPSM	4	AVG	Percentage of waits to program uses		49
PRDSANIU	PERCENT3	CPSM	4	AVG	Percentage of RDSA held by Not-In-Use programs		64
PSDSANIU	PERCENT3	CPSM	4	AVG	Percentage of SDSA held by Not-In-Use programs		58
PSTGNIUC	PERCENT3	CPSM	4	AVG	Percentage Not-In-Use of DSAs below 16MB in CDSA		53
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

Table 592. LOADER resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
PSTGNIUS	PERCENT3	CPSM	4	AVG	Percentage Not-In-Use of DSAs below 16MB in SDSA		59
TLOADWAIT	BINARY	CPSM	4	AVG	Total waiting time for program loads		46

## LOCFILE Resource Table

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

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

The following actions are supported:

### CLOSE

Close a local file.

The parameter data for the CLOSE action is:

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

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

```
WAIT
NOWAIT
FORCE
```

### DISABLE

Disable a local file.

The parameter data for the DISABLE action is:

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

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

```
WAIT
NOWAIT
FORCE
```

### DISCARD

Discard a local file.

### ENABLE

Enable a local file.

### OPEN

Open a local file.

### External resource name

CICSLocalFile

### Length

368

**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**

EYUt0009

Table 593. 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 594. 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								



Table 594. LOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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
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								
<b>FILE-1</b>	CHAR	INQ	8	DIFF	Yes	File ID			1
FWDRECSTATUS	CVDAS	INQ	4	LIKE	No	Forward recovery option			15

Table 594. LOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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								
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	CHAR	INQ	2	DIFF	Yes	Local shared resources pool ID			41
NUMACTSTRING	BINARY	STAT	2	AVG	No	Number of active strings			44
NUMDATBUFF	BINARY	STAT	2	AVG	No	Number of data buffers			42
NUMINDEXBUFF	BINARY	STAT	2	AVG	No	Number of index buffers			43
NUMSTRINGWT	BINARY	STAT	2	AVG	No	Current number of string waits			47
OBJECT	CVDAS	INQ	4	LIKE	No	Data set type (base or path)			18
OBJECT Output valid values	BASE, PATH								
OPENSTATUS	CVDAS	INQ	4	LIKE	Yes	Open status			19
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								

Table 594. LOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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, KSIDS, RRDS, VRRDS								
WSTRCCURCNT	BINARY	STAT	2	AVG	No	Peak number of tasks waiting for a string			40

Table 594. 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

## 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 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 595. Valid CPSM operations

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

Table 596. LOCTRAN FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid			

Table 597. 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 E650	PLUS
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	TRANRDUMP, 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

Table 597. LOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
FORACTOPER	BINARY	STAT	4	AVG	No	Forced actions - operator cancelled wait			41
FORACTOTHER	BINARY	STAT	4	AVG	No	Forced actions - other reasons			42
FORACTTRNDF	BINARY	STAT	4	AVG	No	Forced actions - in-doubt waiting not supported			38
INDOUBT	CVDAS	INQ	4	LIKE	No	Transaction in-doubt option			35
INDOUBT Output valid values	BACKOUT, COMMIT								
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, CREATESPI, SYSTEM, GRPLIST								
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								
REMOTECNT	BINARY	STAT	4	SUM	No	Number of times transaction run remotely by DTR			23
REMOTENAME	CHAR	INQ	8	DIFF	No	Remote transaction name			31
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name			32
REMSTARTCNT	BINARY	STAT	4	SUM	No	Number of attempted starts on remote system			24
RESSEC	CVDAS	INQ	4	LIKE	No	Resource level security status			18

Table 597. LOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
RESSEC Output valid values	RESSECNO, RESSECYES								
RESTARTCNT	BINARY	STAT	4	SUM	No	Number of times transaction restarted			22
ROUTESTATUS	CVDAS	INQ	4	LIKE	No	Route status			46
ROUTESTATUS Output valid values	ROUTABLE, NOTROUTABLE								
ROUTING	CVDAS	INQ	4	LIKE	No	Routing type			21
ROUTING Output valid values	DYNAMIC, STATIC								
RTIMEOUT	BINARY	INQ	4	AVG	No	Read timeout (seconds)			9
RUNAWAY	BINARY	INQ	4	AVG	Yes	Runaway time (milliseconds)			26
RUNAWAYTYPE	CVDAS	INQ	4	LIKE	Yes	Source of runaway timeout value			27
RUNAWAYTYPE Input/output valid values	SYSTEM, USER								
SCRNSIZE	CVDAS	INQ	4	LIKE	No	Screen size			10
SCRNSIZE Output valid values	DEFAULT, ALTERNATE								
SHUTDOWN	CVDAS	INQ	4	LIKE	Yes	Shutdown run status			28
SHUTDOWN Input/output valid values	SHUTDISABLED, SHUTENABLED								
STATUS	CVDAS	INQ	4	LIKE	Yes	Enabled status			11
STATUS Input/output valid values	ENABLED, DISABLED								
STGVCNT	BINARY	STAT	4	SUM	No	Number of storage violations			16
STORAGECLEAR	CVDAS	INQ	4	LIKE	No	Storage clearance status			29
STORAGECLEAR Output valid values	CLEAR, NOCLEAR								
TASKDATAKEY	CVDAS	INQ	4	LIKE	No	Task data key			20
TASKDATAKEY Output valid values	CICSDATAKEY, USERDATAKEY								
TASKDATALOC	CVDAS	INQ	4	LIKE	No	Task data location			19
TASKDATALOC Output valid values	BELOW, ANY								
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
<b>TRANID-1</b>	CHAR	INQ	4	DIFF	Yes	Transaction ID			1
TRPROF	CHAR	INQ	8	DIFF	No	Transaction routing profile			33

Table 597. LOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
TWASIZE	BINARY	INQ	4	AVG	No	Size in bytes of transaction work area (TWA)			13
USECOUNT	BINARY	STAT	4	SUM	No	Number of times transaction used			14

## LSRDEF Resource Table

A CICS Definition that describes a local shared resource (LSR) pool for use by CICS files.

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

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

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

The following actions are supported:

### ADDTOGRP

Add a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

The parameter data for the CSDCOPY action is described in "Managing CICS definitions in the CSD" on page 14.

### CSDINSTALL

Install a CICS CSD resource definition into an active system.

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

### INSTALL

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

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 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 598. 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 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
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR DUPNOREPLACE DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 599. LSRDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install

Table 599. LSRDEF FEEDBACK error codes (continued)

31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 600. LSRDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	56
CHANGEAGENT	DREPAPI Input/output valid values										
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

Table 600. LSRDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
<b>CSDGROUP-3</b>	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
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	87	0-99999999		55
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				54

Table 600. LSRDEF resource table attributes (continued)

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

Table 600. LSRDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
HSINDEX20K	CHAR	CPSM	8	No	DIFF	No	Number of 20 KB Hiperspace index buffers		0-16777215	5	46
HSINDEX24K	CHAR	CPSM	8	No	DIFF	No	Number of 24 KB Hiperspace index buffers		0-16777215	5	47
HSINDEX28K	CHAR	CPSM	8	No	DIFF	No	Number of 28 KB Hiperspace index buffers		0-16777215	5	48
HSINDEX32K	CHAR	CPSM	8	No	DIFF	No	Number of 32 KB Hiperspace index buffers		0-16777215	5	49
HSINDEX4K	CHAR	CPSM	8	No	DIFF	No	Number of 4 KB Hiperspace index buffers		0-16777215	5	42
HSINDEX8K	CHAR	CPSM	8	No	DIFF	No	Number of 8 KB Hiperspace index buffers		0-16777215	5	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

Table 600. LSRDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
INDEX28K	CHAR	CPSM	8	No	DIFF	No	Number of 28 KB index buffers		3-32767		32
INDEX2K	CHAR	CPSM	8	No	DIFF	No	Number of 2 KB index buffers		3-32767		25
INDEX32K	CHAR	CPSM	8	No	DIFF	No	Number of 32 KB index buffers		3-32767		33
INDEX4K	CHAR	CPSM	8	No	DIFF	No	Number of 4 KB index buffers		3-32767		26
INDEX512	CHAR	CPSM	8	No	DIFF	No	Number of 512-byte index buffers		3-32767		23
INDEX8K	CHAR	CPSM	8	No	DIFF	No	Number of 8 KB index buffers		3-32767		27
LSRPOOLID	CHAR	CPSM	4	No	DIFF	No	LSR pool ID	1	1-8		8
MAXKEYLENGTH	CHAR	CPSM	4	No	DIFF	No	Maximum key length		0-255		9
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
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

## LSRINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of an LSR pool definition (LSRDEF) in a resource group (RESGROUP). An LSRDEF can be a member of multiple RESGROUPs.

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

There are no object specific actions for this resource class.

### External resource name

#### Length

56

**Usage** API or Batch Utility

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6149

Table 601. Valid CPSM operations

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

Table 602. LSRINGRP FEEDBACK error codes

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

Table 603. 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
<b>LSRGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>LSRNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	LSR pool definition name	6
<b>LSRVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	LSR pool definition version	7

## LSRPBUF Resource Table

A CICS Resource that describes a local shared resources buffer pool in an active CICS system being managed by CICSplex SM. An instance of LSRPBUF exists for each defined buffer size in the LSR pool.

While the LSRPBUF resource class identifies multiple key attributes, only the LSRPOOLID portion of the key can be specified in an EVALDEF INSTANCE attribute.

There are no object specific actions for this resource class.

**External resource name**  
CICSLSRPoolBuffer

**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**  
EYU0036

Table 604. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A



Table 605. 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
<b>POOLSIZETYPE-1</b>	CHAR	STAT	8	DIFF	Yes	Pool ID, buffer size and buffer type	1
READS	BINARY	STAT	4	AVG	No	Number of buffer reads	4
SIZE	BINARY	STAT	4	SUM	No	Buffer size	13
TYPE	EYUDA	INQ	4	LIKE	No	Buffer usage	14
TYPE Output valid values	DATA, INDEX, BOTH						
USERIWRITE	BINARY	STAT	4	AVG	No	Number of user-initiated buffer writes	5

## LSRPOOL Resource Table

A CICS Resource that describes a local shared resources pool in an active CICS system being managed by CICSPlex SM.

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

There are no object specific actions for this resource class.

**External resource name**

CICLSRPool

**Length**

136

**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**  
EYU0035

Table 606. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 607. LSRPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CREATETIME	DECTSTP	STAT	4	MAX	No	Local create time	1
DBLOOKASIDE	BINARY	STAT	4	AVG	No	Number of successful lookasides to data buffers	10
DBNUWRITE	BINARY	STAT	4	AVG	No	Number of non user-initiated data buffer writes	13
DBREAD	BINARY	STAT	4	AVG	No	Number of read I/Os to data buffers	11
DBUFFCNT	BINARY	STAT	4	AVG	No	Number of data buffers	8
DBUIWRITE	BINARY	STAT	4	AVG	No	Number of user-initiated data buffer writes	12
DCREAD	BINARY	STAT	4	AVG	No	Number of successful data buffer CREAD requests	14
DCWRITE	BINARY	STAT	4	AVG	No	Number of successful data buffer CWRITE requests	15
DELETETIME	DECTSTP	STAT	4	MAX	No	Local delete time	2
DFAILCREAD	BINARY	STAT	4	AVG	No	Number of failed data buffer CREAD requests	16
DFAILCWRITE	BINARY	STAT	4	AVG	No	Number of failed data buffer CWRITE requests	17
DHIPERBUF	BINARY	STAT	4	AVG	No	Number of Hiperspace data buffers	9
GMTCRETIME	TIMESTP	STAT	8	MAX	No	GMT create time	31
GMTDELTIME	TIMESTP	STAT	8	MAX	No	GMT delete time	32
IBLOOKASIDE	BINARY	STAT	4	AVG	No	Number of lookaside index buffer reads	20
IBNUWRITE	BINARY	STAT	4	AVG	No	Number of non user-initiated index buffer writes	23
IBREADS	BINARY	STAT	4	AVG	No	Total number of index buffer reads	21
IBUFFCNT	BINARY	STAT	4	AVG	No	Number of index buffers	18
IBUIWRITE	BINARY	STAT	4	AVG	No	Number of user-initiated index buffer writes	22
ICREAD	BINARY	STAT	4	AVG	No	Number of successful index buffer CREAD requests	24
ICWRITE	BINARY	STAT	4	AVG	No	Number of successful index buffer CWRITE requests	25
IDHIPERBUF	BINARY	STAT	4	AVG	No	Number of Hiperspace index buffers	19
IDXDATFLG	BIT	STAT	1	LIKE	No	Separate data and index flag	29
IFAILCREAD	BINARY	STAT	4	AVG	No	Number of failed index buffer CREAD requests	26
IFAILCWRITE	BINARY	STAT	4	AVG	No	Number of failed index buffer CWRITE requests	27
<b>LSRPOOLID-1</b>	CHAR	STAT	2	DIFF	Yes	LSR pool ID	28
MAXCCURSTR	BINARY	STAT	2	AVG	No	Peak number of concurrent active strings	6

Table 607. LSRPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
MAXKEYLEN	BINARY	STAT	2	AVG	No	Maximum key length	3
PEAKWAITREQ	BINARY	STAT	2	AVG	No	Peak number of requests waiting	5
TOTSTRINGS	BINARY	STAT	2	AVG	No	Total number of strings	4
TOTWAITREQ	BINARY	STAT	4	AVG	No	Total number of string waits	7

## MAPDEF Resource Table

A CICS Definition that describes a map set, which is a group of related screen layouts or maps.

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

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

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

The following actions are supported:

### ADDTOGRP

Add a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

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

### CSDINSTALL

Install a CICS CSD resource definition into an active system.

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

### INSTALL

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

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

### External resource name

CICSDefinitionMapSet

### Length

168

**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

CICS Definition

Copybook identifier

EYUt3805

Table 608. 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 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
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR DUPNOREPLACE DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 609. MAPDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install

Table 609. MAPDEF FEEDBACK error codes (continued)

31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 610. MAPDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CV DAS	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 time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	20
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				13

Table 610. MAPDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	23
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	0-99999999		18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				17
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	No	Residence status	NO			8
RESIDENT Input/output valid values	YES, NO										
RSL	CHAR	CPSM	8	No	DIFF	No	Resource security value	0	0-24	E330P	125
RSL Input/output valid values	PUBLIC										
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Map set status	ENABLED			9
STATUS Input/output valid values	ENABLED, DISABLED										
USAGE	EYUDA	CPSM	4	Yes	LIKE	No	Map set storage release	NORMAL			10
USAGE Input/output valid values	NORMAL, TRANSIENT										
USELPACOPY	EYUDA	CPSM	4	Yes	LIKE	No	Use map set from link pack area (LPA) option	NO			11
USELPACOPY Input/output valid values	YES, NO										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				14
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				15
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				16

## MAPINGRP Resource Table

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

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

There are no object specific actions for this resource class.

### External resource name

#### Length

56

**Usage** API or Batch Utility

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6150

Table 611. Valid CPSM operations

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

Table 612. MAPINGRP FEEDBACK error codes

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

Table 613. MAPINGRP 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
<b>MAPGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>MAPNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Map set definition name	6
<b>MAPVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	Map set definition version	7

## MAS Resource Table

A CPSM Topology Manager object that describes the attributes of a managed application system. A MAS is the run-time representation of a CICS system definition. MAS objects can be referenced even if the CICS system is not active.

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

The CICSNAME attribute key field is ignored when named in an EVALDEF. The object instances returned are a function of the current scope in effect when the request is made.

When the EVALDEF is used by MRM, the scope is that of the CICS system for which the RTADEF is being installed.

When the EVALDEF is used by APM, the scope is that established when the RTADEF was associated with the APSPEC.

The following action is supported:

### STOP

Terminate the CICSplex SM MAS agent component.

The STOP action requires no unique parameter data.

### External resource name

CICSManagedRegion

### Length

456

**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

CICSplex SM Manager

Copybook identifier

EYUt2443

Table 614. Valid CPSM operations

Operations	Actions	Parameters	Required	
GET		None	N/A	
SET		None	N/A	
PERFORM SET	STOP	None	N/A	
	STOPUNCON	None	N/A	
	FORCEDISCON	None	N/A	
	CPSMDUMP		BAS	No
			CHE	No
			COM	No
			DAT	No
			KNL	No
			MAS	No
			MON	No
			MSG	No
			QUE	No
			RTA	No
	SIM	No		
	SLM	No		
	SRV	No		
	TOP	No		
	TRC	No		
	WLM	No		

Table 615. MAS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	21	MONSPEC_MISSING	Monitor specification missing
22	RTASPEC_MISSING	RTA specification missing	23	WLMSPEC_MISSING	WLM specification missing
24	TOR_PARTICIPANT	TOR participant	25	UNCON_REQUIRED	Issue StopUncon before ForceDiscon

Table 616. MAS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
ACTVTIME	CHAR	CPSM	8	DIFF	Yes	Period definition name		51
AINSFAIL	EYUDA	CPSM	4	LIKE	Yes	Autoinstall failure action		58
AINSFAIL Input/output valid values	CONTINUE, PROMPT, SHUTDOWN, TERMINATE							
AUTOINST	EYUDA	CPSM	4	LIKE	Yes	Autoinstall request type		57

Table 616. MAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
AUTOINST Input/output valid values	NEVER, ALWAYS, COLDONLY, WARMONLY							
BASTRACE	BITSTRIP	CPSM	4	AVG	Yes	Business Application Services (BAS) trace flags		34
BOTRSUPD	BINARY	CPSM	1	AVG	Yes	RS server bottom tier		66
CHETRACE	BITSTRIP	CPSM	4	AVG	Yes	Cache services trace flags		26
<b>CICSNAME-1</b>	CHAR	CPSM	8	DIFF	Yes	CICS system name		4
CICSSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for CICS region monitoring		12
CICSSTATE	EYUDA	CPSM	4	LIKE	No	MAS status		7
CICSSTATE Output valid values	ACTIVE, INACTIVE, LOSTCON, LOSTCMAS, LOSTMAS							
CMASNAME	CHAR	CPSM	8	DIFF	No	CMAS name		5
COMTRACE	BITSTRIP	CPSM	4	AVG	Yes	Communications trace flags		28
CONNSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for connection monitoring		15
DATTRACE	BITSTRIP	CPSM	4	AVG	Yes	Data repository services trace flags		33
DAYLIGHTSV	EYUDA	CPSM	4	LIKE	Yes	Daylight saving time in effect		55
DAYLIGHTSV Input/output valid values	YES, NO							
DBXSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for DB2/DBCTRL monitoring		14
DESC	CHAR	CPSM	58	DIFF	No	CICS system description		52
FILESAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for file monitoring		16
GLBLSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for global region monitoring		13
HOST	CHAR	CPSM	116	DIFF	No	Host Name	E640 E650	60
JRNLSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for journal monitoring		17
KNLTRACE	BITSTRIP	CPSM	4	AVG	Yes	Kernel linkage trace flags		22
MASTRACE	BITSTRIP	CPSM	4	AVG	Yes	MAS services trace flags		29
MASTYPE	EYUDA	CPSM	4	LIKE	No	MAS type		6
MASTYPE Output valid values	N_A, LOCAL, REMOTE							
MONSTATUS	EYUDA	CPSM	4	LIKE	Yes	Monitoring status		8
MONSTATUS Input/output valid values	YES, NO, FORCE							
MSGTRACE	BITSTRIP	CPSM	4	AVG	Yes	Message services trace flags		24
MXTACTION	CHAR	CPSM	8	DIFF	Yes	Action for CICS-at-maximum-tasks event		48
MXTSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for CICS-at-maximum-tasks event		42
MXTSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, N_A							

Table 616. MAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
NETWORKID	CHAR	CPSM	8	DIFF	No	Network ID	E640 E650	61
PORT	CHAR	CPSM	8	DIFF	No	Port number	E640 E650	62
PRICMAS	CHAR	CPSM	8	DIFF	Yes	Primary CMAS name		50
PROGSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for program monitoring		18
QUETRACE	BITSTRIP	CPSM	4	AVG	Yes	Queue services trace flags		27
READRS	BINARY	CPSM	2	DIFF	Yes	RS server read interval		63
RETENTION	BINARY	CPSM	4	AVG	Yes	Monitoring data retention period		11
RTASTATUS	EYUDA	CPSM	4	LIKE	Yes	Real time analysis status		9
RTASTATUS Input/output valid values	YES, NO, SAM, MRM							
RTATRACE	BITSTRIP	CPSM	4	AVG	Yes	Real time analysis (RTA) trace flags		32
SAMACTION	CHAR	CPSM	8	DIFF	Yes	Action for system availability monitoring event		44
SAMSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for system availability monitoring event		38
SAMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, N_A							
SDMACTION	CHAR	CPSM	8	DIFF	Yes	Action for system dump event		46
SDMSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for system dump event		40
SDMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, N_A							
SECBPASS	EYUDA	CPSM	4	LIKE	Yes	Simulated security exemption check		37
SECBPASS Input/output valid values	YES, NO							
SECCMDCHK	EYUDA	CPSM	4	LIKE	Yes	Simulated security command check		35
SECCMDCHK Input/output valid values	YES, NO							
SECRESCHK	EYUDA	CPSM	4	LIKE	Yes	Simulated security resource check		36
SECRESCHK Input/output valid values	YES, NO							
SOSACTION	CHAR	CPSM	8	DIFF	Yes	Action for short on storage (SOS) event		45
SOSSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for short on storage (SOS) event		39
SOSSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, N_A							
SRVTRACE	BITSTRIP	CPSM	4	AVG	Yes	Common services trace flags		25
STLACTION	CHAR	CPSM	8	DIFF	Yes	Action for CICS-stalled event		49
STLSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for CICS-stalled event		43

Table 616. MAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
STLSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, N_A							
TDMACTION	CHAR	CPSM	8	DIFF	Yes	Action for transaction dump event		47
TDMSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for transaction dump event		41
TDMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, N_A							
TDQSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for TDQ monitoring		20
TERMSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for terminal monitoring		19
TMEZONE	CHAR	CPSM	1	DIFF	Yes	Time zone		54
TMEZONEO	BINARY	CPSM	1	AVG	Yes	Time zone offset		53
TOPRSUPD	BINARY	CPSM	1	AVG	Yes	RS server top tier		65
TOPTRACE	BITSTRIP	CPSM	4	AVG	Yes	Topology trace flags		31
TRANSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for transaction monitoring		21
TRATRACE	BITSTRIP	CPSM	4	AVG	Yes	Trace services trace flags		23
UPDATERS	BINARY	CPSM	1	AVG	Yes	RS server update frequency		64
WLMOPTEN	EYUDA	CPSM	4	LIKE	Yes	WLM optimization enablement		69
WLMOPTEN Input/output valid values	ENABLED, DISABLED							
WLMQMODE	EYUDA	CPSM	4	DIFF	Yes	Task load queue mode		68
WLMQMODE Input/output valid values	ALL, MAXTASK							
WLMSTATUS	EYUDA	CPSM	4	LIKE	Yes	Workload manager status		10
WLMSTATUS Input valid values	YES							
WLMSTATUS Output valid values	YES, NO							
WLMTHRSH	BINARY	CPSM	1	AVG	Yes	Task load health threshold		67
WLMTRACE	BITSTRIP	CPSM	4	AVG	Yes	Workload management trace flags		30

## MASHIST Resource Table

A CICSplex SM Operations Resource that describes the state of CICSplex SM history recording for a MAS.

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

**External resource name**

**Length**

64

**Usage** API or EVALDEF

**API view**  
Yes

**CMAS context**  
No

**SCOPE applies**  
Yes

**Only query CMASs in workload**  
No

**Object type**  
CICS Resource

**Copybook identifier**  
EYUt0153

Table 617. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	SUSPEND RESUME	None None	N/A N/A

Table 618. MASHIST FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	CPSM_RELEASE	Action not supported for CPSM release	2	STATUS_INACTV	Action not supported for an inactive history collector

Table 619. MASHIST resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
CDSSUF	CHAR	CPSM	1	DIFF	Current data set suffix	6
CRECCNT	BINARY	CPSM	8	MAX	Number of records on current data set	3
CWRAPCNT	BINARY	CPSM	4	MAX	Number of times current data set has wrapped	4
HDSCOUNT	BINARY	CPSM	2	MAX	Number of History data sets	5
REASON	EYUDA	CPSM	4	LIKE	History reason code	2
REASON Output valid values	OK, NOTAVAILABLE, INVALIDFILE, IOERROR					
RESERVED1	CHAR	CPSM	1	LIKE	Reserved area for expansion	8
RESERVED2	BINARY	CPSM	4	LIKE	Reserved area for expansion	9
RESERVED3	BINARY	CPSM	4	LIKE	Reserved area for expansion	10
RESERVED4	BINARY	CPSM	4	LIKE	Reserved area for expansion	11
RESERVED5	BINARY	CPSM	4	LIKE	Reserved area for expansion	12
RESERVED6	BINARY	CPSM	4	LIKE	Reserved area for expansion	13
STATUS	EYUDA	CPSM	4	LIKE	History recorder status	1
STATUS Output valid values	ACTIVE, INACTIVE, SUSPEND, SUSPENDING, RESUMING					
TASKNO	DECIMAL	CPSM	4	MAX	Task ID of Current Recorder	7

## MASSTAT Resource Table

A CICSplex SM Operations Resource that displays information about the join status of CICS systems in each CMAS in a CICSplex.

There are no object specific actions for this resource class.

**External resource name**

CICSManagedRegionStatus

**Length**

96

**Usage** API or CICS Management Client Interface

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2640

Table 620. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 621. MASSTAT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
<b>CICSNAME-1</b>	CHAR	CPSM	8	DIFF	CICS system name	4
CICSSTATE	EYUDA	CPSM	4	LIKE	MAS status	7
CICSSTATE Output valid values	ACTIVE, INACTIVE, LOSTCON, LOSTCMAS, LOSTMAS					
CMASNAME	CHAR	CPSM	8	DIFF	CMAS name	5
DESC	CHAR	CPSM	58	DIFF	CICS system description	9
MASTYPE	EYUDA	CPSM	4	LIKE	MAS type	6
MASTYPE Output valid values	N_A, LOCAL, REMOTE					
<b>RPTCMAS-2</b>	CHAR	CPSM	8	DIFF	Reporting CMAS name	8

## MCICSDSA Resource Table

A CICS Monitored resource that describes a subset of the dynamic storage are attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

### External resource name

#### Length

208

**Usage** API or EVALDEF

#### API view

Yes

#### CMAS context

No

#### SCOPE applies

Yes

#### Only query CMASs in workload

No

#### Object type

CICS Monitored

#### Copybook identifier

EYUt1367

Table 622. Valid CPSM operations

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

Table 623. MCICSDSA FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 624. MCICSDSA resource table attributes

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

Table 624. MCICSDSA 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	
ACCESSTYPE	EYUDA	STAT	4	LIKE	No	Storage key	25
ACCESSTYPE Output valid values	CICS, USER, READONLY						
ASUBTOTL	CNUMERIC	STAT	4	AVG	No	Number of Add Subpool requests	8
CUMCMNSSUSRS	CNUMERIC	STAT	4	AVG	No	Cumulative number of common subspace users	39
CUMUNQSSUSRS	CNUMERIC	STAT	4	AVG	No	Cumulative number of unique subspace users	36
CURCMNSSUSRS	CNUMERIC	STAT	4	AVG	No	Current number of common subspace users	38
CURFRESTG	PERCENT	CPSM	4	AVG	No	Free storage for current sample (%)	20
CURRALLOC	CNUMERIC	STAT	4	AVG	No	Current DSA allocated above/below 16M line	41
CURUNQSSUSRS	CNUMERIC	STAT	4	AVG	No	Current tasks allocated a unique subspace	35
CUSHION	BINARY	STAT	4	MAX	No	Cushion size	4
DSUBTOTL	CNUMERIC	STAT	4	AVG	No	Number of Delete Subpool requests	9
FREMTOTL	BINARY	STAT	4	AVG	No	Number of FREEMAIN requests	7
GETMTOTL	BINARY	STAT	4	AVG	No	Number of GETMAIN requests	6
HWMALLOC	CNUMERIC	STAT	4	AVG	No	Peak DSA allocated above/below 16M line	42
HWCMNSSUSRS	CNUMERIC	STAT	4	AVG	No	Peak number of common subspace users	40
HWMFREE	CNUMERIC	CPSM	4	AVG	No	Peak amount of free storage available	33
HWMUNQSSUSRS	CNUMERIC	STAT	4	AVG	No	Peak number of unique subspace users	37
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTFRESTG	PERCENT	CPSM	4	AVG	No	Free storage for monitor interval (%)	21
LIMIT	CNUMERIC	STAT	4	AVG	No	Maximum size of DSA	27
LOCATION	EYUDA	STAT	4	LIKE	No	Dynamic storage area (DSA) location	24
LOCATION Output valid values	ABOVE, BELOW, NOTAPPLIC						
LWMFREE	CNUMERIC	CPSM	4	AVG	No	Smallest amount of free storage available	34
<b>NAME-1</b>	CHAR	STAT	8	DIFF	Yes	Dynamic storage area (DSA)	2
NSTGTOTL	CNUMERIC	STAT	4	AVG	No	Number of times NOSTORAGE returned	10
NSTGTSUSP	BINARY	STAT	4	AVG	No	Number of current suspended storage requests	13
PCTFREE	PERCENT	CPSM	4	AVG	No	Percentage of available total storage	29
PGMONIU	CNUMERIC	STAT	4	AVG	No	Storage occupied by not-in-use programs	5
POOLPCTFREE	PERCENT	CPSM	4	AVG	No	Percentage of available pool storage	28
REQSWAITMVS	BINARY	STAT	4	AVG	No	Number of requests for MVS storage causing wait	43
RNTPGPROTECT	CV DAS	STAT	4	LIKE	No	Reentrant program protection status	31
RNTPGPROTECT Output valid values	REENTPROT, NOREENTPROT						
SIZE	BINARY	STAT	4	MAX	No	DSA Size	3
STGCRELC	BINARY	STAT	4	AVG	No	Number of times cushion released	15
STGFSIZE	BINARY	STAT	4	MAX	No	Free storage size	18



Table 624. MCICSDSA resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
STGHWM	BINARY	STAT	4	AVG	No	Peak size of DSA	26
STGLSIZE	CNUMERIC	STAT	4	AVG	No	Largest free area size	22
STGNSUBP	BINARY	STAT	4	AVG	No	Number of current subpools	17
STGPROTECT	CVDAS	STAT	4	LIKE	No	Storage protection active	30
STGPROTECT Output valid values	ACTIVE, INACTIVE						
STGPMCNT	CNUMERIC	STAT	4	AVG	No	Number of tasks purged while waiting	14
STGSHWM	BINARY	STAT	4	AVG	No	Peak number of suspended storage requests	12
STGSOSC	CNUMERIC	STAT	4	SUM	No	Short on storage count	16
STGSOST	INTTSTP	STAT	8	SUM	No	Total time CICS was short on storage	19
STGSTOTL	BINARY	STAT	4	AVG	No	Number of times requests were suspended	11
STGVTOTL	CNUMERIC	STAT	4	AVG	No	Number of storage violations	23
TIMWAITMVS	INTTSTP	STAT	8	AVG	No	Total time waiting for MVS storage	44
TRNISOLATION	CVDAS	STAT	4	LIKE	No	Transaction isolation status	32
TRNISOLATION Output valid values	ACTIVE, INACTIVE						

## MCICSRGN Resource Table

A CICS Monitored resource that describes a subset of the CICS region attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

### External resource name

#### Length

440

**Usage** API or EVALDEF

#### API view

Yes

#### CMAS context

No

#### SCOPE applies

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1366

Table 625. Valid CPSM operations

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

Table 626. MCICSRGN FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 627. MCICSRGN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
AINSCREQ	CNUMERIC	INQ	4	AVG	Number of current autoinstall requests		10
AINSMREQ	CNUMERIC	INQ	4	AVG	Maximum number of autoinstall requests		11
AINSSTAT	CVDAS	INQ	4	LIKE	Autoinstall enabled status		12
AINSSTAT Output valid values	ENABLED, DISABLED						
AMAXTASKS	BINARY	INQ	4	SUM	Maximum number of active tasks	E410P	145
CICSSTATUS	CVDAS	INQ	4	LIKE	CICS status		6
CICSSTATUS Output valid values	STARTUP, ACTIVE, FIRSTQUIESCE, FINALQUIESCE						
CPUTIME	INTUSEC	CPSM	8	AVG	Total CPU time used		48
CTSLEVEL	CHAR	INQ	6	DIFF	CICS Transaction Server level		101
CURACTVUSRTR	CNUMERIC	STAT	4	AVG	Current number of active user transactions		76
CURAMAXRATE	RATE	CPSM	4	AVG	AMAX rate for current sample	E410P	125
CURCPUPER	PERCENT	CPSM	4	AVG	CPU usage during last sample period		49
CURPAMAXRATE	RATE	CPSM	4	AVG	Peak AMAX rate for current sample	E410P	145
CURPGIRATE	RATE	CPSM	4	AVG	Page-in rate for current sample		52
CURPGORATE	RATE	CPSM	4	AVG	Page-out rate for current sample		55
CURPTSKRATE	RATE	CPSM	4	AVG	Peak task rate for current sample		18
CURQUEDUSRTR	CNUMERIC	STAT	4	AVG	Current number of queued user transactions		77
CURQUETIME	INTTSTP	STAT	8	AVG	Time currently queued transactions waiting		83
CURRAMAX	CNUMERIC	STAT	2	AVG	Current number of user tasks eligible for dispatch	E410P	125
CURRTASKS	BINARY	INQ	4	SUM	Current number of tasks		74

Table 627. MCICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
CURSIORATE	RATE	CPSM	4	AVG	Start I/O rate for current sample		59
CURTASKRATE	RATE	CPSM	4	AVG	Task rate for current sample		16
CUTCBCNT	CNUMERIC	STAT	2	SUM	Number of MVS task control blocks (TCBs)		15
DSGTOTMT	INTTSTP	STAT	8	AVG	Total MVS storage wait time		103
DSGTOTMW	BINARY	STAT	4	AVG	Total number of MVS storage waiters		104
EXTSEC	CV DAS	INQ	4	LIKE	External security manager option		8
EXTSEC Output valid values	EXTSECURITY, NOSECURITY						
INTAMAXRATE	RATE	CPSM	4	AVG	AMAX rate for interval	E410P	135
INTCUPPER	PERCENT	CPSM	4	AVG	Average CPU usage over monitor interval		50
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID		1
INTPAMAXRATE	RATE	CPSM	4	AVG	Peak AMAX rate for interval	E410P	135
INTPGIRATE	RATE	CPSM	4	AVG	Page-in rate for monitor interval		53
INTPGORATE	RATE	CPSM	4	AVG	Page-out rate for monitor interval		56
INTPTSKRATE	RATE	CPSM	4	AVG	Peak task rate for interval		19
INTSIORATE	RATE	CPSM	4	AVG	Start I/O rate for monitor interval		60
INTTASKRATE	RATE	CPSM	4	AVG	Task rate for interval		17
INTVTRANS	CNUMERIC	STAT	4	AVG	Transactions run since last CPSM statistics reset		98
IRCSTAT	CV DAS	INQ	4	LIKE	Interregion communication (IRC) status		13
IRCSTAT Output valid values	OPEN, CLOSED, CLOSING, IMMCLOSING						
JOBNAME	CHAR	INQ	8	DIFF	Job name		2
LASTRESET	TIMESTP	STAT	8	MAX	Last statistics reset time		29
LOADHWMC	CNUMERIC	STAT	4	AVG	Number of times peak suspended tasks reached		35
LOADHWMW	CNUMERIC	STAT	4	AVG	Peak number of tasks waiting for load requests		34
LOADPNIU	CNUMERIC	STAT	4	AVG	Number of programs on not-in-use queue		40
LOADREQS	CNUMERIC	STAT	4	AVG	Number of load requests		28
LOADRNIU	CNUMERIC	STAT	4	AVG	Number of reclaims from not-in-use queue		41
LOADTIME	INT16US	STAT	4	AVG	Total loading time		30
LOADTNIU	INTTSTP	STAT	8	AVG	Total time to remove not-in-use programs		39
LOADWAIT	INT16US	STAT	4	AVG	Total load waiting time		36
LOADWCNT	CNUMERIC	STAT	4	AVG	Number of tasks that have waited for load requests		33
LUCURR	CNUMERIC	STAT	4	AVG	Number of LUs currently logged on		67
LUHWM	CNUMERIC	STAT	4	AVG	Highest number of LUs logged on at any one time		68
MAXTASKS	BINARY	INQ	4	AVG	Maximum number of active and suspended tasks		5
MAXTRCNT	BINARY	STAT	4	AVG	Number of times MAXTASK limit reached		75
MROBATCH	BINARY	INQ	4	AVG	Number of MRO requests to be batched		9
MVSSYSID	CHAR	CPSM	4	DIFF	MVS system ID		3
OSLEVEL	CHAR	INQ	6	DIFF	z/OS level		102
PAGEIN	BINARY	CPSM	4	AVG	Number of page-in requests		51
PAGEOUT	BINARY	CPSM	4	AVG	Number of page-out requests		54
PEAKAMAX	CNUMERIC	STAT	2	AVG	Peak number of user tasks eligible for dispatch	E410P	135
PEAKTASKS	BINARY	STAT	2	AVG	Peak number of tasks in system		20
PEKACTVUSRTR	CNUMERIC	STAT	4	AVG	Peak number of active user transaction		78
PEKQUEDUSRTR	CNUMERIC	STAT	4	AVG	Peak number of queued user transactions		79

Table 627. MCICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
PLASTRESET	DECTIME	STAT	4	AVG	Last reset time		100
PRGMRCMP	CNUMERIC	STAT	4	AVG	Number of programs removed by compression		38
PRGMUCNT	CNUMERIC	STAT	4	AVG	Number of uses of any program by the CICS system		31
PRGMWAIT	CNUMERIC	STAT	4	AVG	Current number of waiting loader requests		32
PROGAUTOATM	CNUMERIC	STAT	4	AVG	Number of program autoinstall attempts		84
PROGAUTOFAIL	CNUMERIC	STAT	4	AVG	Number of failed program autoinstall attempts		86
PROGAUTOXREJ	CNUMERIC	STAT	4	AVG	Number of times autoinstall prog request rejected		85
PRSSERRORCNT	CNUMERIC	STAT	4	AVG	Persistent sessions error count		73
PRSSINQCNT	CNUMERIC	STAT	4	AVG	Number of CICS persistent-session inquiries		69
PRSSNIBCNT	CNUMERIC	STAT	4	AVG	Number of VTAM sessions that persisted		70
PRSSOPNCNT	CNUMERIC	STAT	4	AVG	Number of persistent sessions successfully restored		71
PRSSUNBNDCNT	CNUMERIC	STAT	4	AVG	Number of persistent sessions that were terminated		72
RDEBRBLD	CNUMERIC	STAT	4	AVG	Number of times DFHRPL reopened and load retried		37
REALSTG	CNUMERIC	CPSM	4	AVG	Real storage in use		57
RELEASE	CHAR	INQ	4	DIFF	CICS Release		97
SDMPSUPP	CNUMERIC	STAT	4	AVG	Number of system dumps suppressed		43
SDMPTOTL	CNUMERIC	STAT	4	AVG	Number of system dumps taken		42
SIORREQ	BINARY	CPSM	8	AVG	Number of I/O requests		58
STRTTIME	TIMESTP	CPSM	8	MAX	CICS start time		47
SYSDUMP	CVDAS	INQ	4	LIKE	System dump status		7
SYSDUMP Output valid values	SYSDUMP, NOSYSDUMP						
SYSID	CHAR	CPSM	4	DIFF	CICS system ID		46
TDMPSUPP	CNUMERIC	STAT	4	AVG	Number of transaction dumps suppressed		45
TDMPTOTL	BINARY	STAT	4	AVG	Number of transaction dumps taken		44
TOTACTVUSRTR	CNUMERIC	STAT	4	AVG	Total number of active user transactions		80
TOTDELYUSRTR	CNUMERIC	STAT	4	AVG	Total number of queued user transactions		81
TOTLTASKS	BINARY	STAT	8	AVG	Total number of tasks		99
TOTQUETIME	INTTSTP	STAT	8	AVG	Total time queued transactions waited		82
VTMACBDOPE	CNUMERIC	STAT	2	AVG	Number of times VTAM ACB dynamically opened		65
VTMRPLMAX	DECIMAL	STAT	4	AVG	Number of times RPL maximum value was reached		62
VTMRPLPOST	DECIMAL	STAT	2	AVG	Maximum number of VTAM RPLs posted		63
VTMSOSCNT	CNUMERIC	STAT	2	AVG	Number of times VTAM had short-on-storage status		64
VTMSTATUS	CVDAS	INQ	4	LIKE	CICS-VTAM connection status		61
VTMSTATUS Output valid values	OPEN, CLOSED, CLOSING, IMMCLOSING, FORCECLOSING, NOTAPPLIC						

## MCMDT Resource Table

A CICS Monitored resource that describes a subset of the data table attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name****Length**

312

**Usage** API or EVALDEF**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1399

*Table 628. Valid CPSM operations*

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

*Table 629. MCMDT FEEDBACK error codes*

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

*Table 630. MCMDT resource table attributes*

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ADDCNT	BINARY	STAT	4	AVG	No	Number of add requests	16
ADDFRREAD	CNUMERIC	STAT	4	AVG	No	Add requests resulting from reads	34
ADDREJ	CNUMERIC	STAT	4	AVG	No	Add requests rejected by exit	36
ADDREQ	CNUMERIC	STAT	4	AVG	No	Total add requests	35
ADDTFULL	CNUMERIC	STAT	4	AVG	No	Total add requests when table full	37
BROWSECNT	BINARY	STAT	4	AVG	No	Number of browse requests	15

Table 630. MCMMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CONTENTION	CNUMERIC	STAT	4	AVG	No	CFDT contention count	62
CURCOUNT	CNUMERIC	STAT	4	AVG	No	Current record count	44
CURDEXCPRATE	RATE	CPSM	4	AVG	No	VSAM data EXCP rate current sample	24
CURIEXCPRATE	RATE	CPSM	4	AVG	No	VSAM index EXCP rate current sample	26
CURMRQRATE	RATE	CPSM	4	AVG	No	MDT request rate for current sample	42
CURREADRATE	RATE	CPSM	4	AVG	No	Successful read rate current sample	31
CURREQRATE	RATE	CPSM	4	AVG	No	Request rate for current sample	20
DELETEREQ	CNUMERIC	STAT	4	AVG	No	Total delete requests	39
DEXPCNT	BINARY	STAT	4	AVG	No	VSAM EXCP count data component	22
DSNAME	CHAR	INQ	44	DIFF	No	Data set name	4
ENABLESTATUS	CVDAS	INQ	4	LIKE	No	Enabled status	5
ENABLESTATUS Output valid values	ENABLED, DISABLED, UNENABLED, DISABLING, UNENABLING						
<b>FILE-1</b>	CHAR	INQ	8	DIFF	Yes	File identifier	2
GETCNT	BINARY	STAT	4	AVG	No	Number of get requests	13
GETUPDCNT	BINARY	STAT	4	AVG	No	Number of get update requests	14
IEXPCNT	BINARY	STAT	4	AVG	No	VSAM EXCP count INDX component	23
INTDEXCPRATE	RATE	CPSM	4	AVG	No	VSAM data EXCP rate for interval	25
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier	1
INTIEXCPRATE	RATE	CPSM	4	AVG	No	VSAM index EXCP rate for interval	27
INTMRQRATE	RATE	CPSM	4	AVG	No	MDT request rate for interval	43
INTREADRATE	RATE	CPSM	4	AVG	No	Successful read rate for interval	32
INTREQRATE	RATE	CPSM	4	AVG	No	Request rate for interval	21
LOCDELNT	BINARY	STAT	4	AVG	No	Number of local delete requests	18
LSRPOOLID	CHAR	INQ	2	DIFF	No	Local shared resources pool identifier	54
MAXNUMRECS	BINARY	INQ	4	AVG	No	Maximum records table can hold	6
MAXTSIZE	CNUMERIC	STAT	4	AVG	No	Highest table size	40
NUMACTSTRING	CNUMERIC	STAT	2	AVG	No	Number of active strings	57
NUMDATBUFF	CNUMERIC	STAT	2	AVG	No	Number of data buffers	55
NUMINDEXBUFF	CNUMERIC	STAT	2	AVG	No	Number of index buffers	56
NUMSTRINGWT	CNUMERIC	STAT	2	AVG	No	Number of active string waits	58
OPENSTATUS	CVDAS	INQ	4	LIKE	No	Open status	7
OPENSTATUS Output valid values	OPEN, CLOSED, OPENING, CLOSING, CLOSEREQUEST						
POOLNAME	CHAR	INQ	8	DIFF	No	CFDT pool name	59
READRETRY	CNUMERIC	STAT	4	AVG	No	Read retries	45
READS	CNUMERIC	STAT	4	AVG	No	Successful reads	30
RECNOTFND	CNUMERIC	STAT	4	AVG	No	Total records not found in table	33
RECORDSIZE	BINARY	INQ	4	AVG	No	Record size	8
REWRITE	CNUMERIC	STAT	4	AVG	No	Total rewrite requests	38
STGALCINU	CNUMERIC	STAT	4	AVG	No	Total storage in use	47
STGALCTOT	CNUMERIC	STAT	4	AVG	No	Total storage allocated	46
STGDTAINU	CNUMERIC	STAT	4	AVG	No	Data storage in use	53

Table 630. MCMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
STGDTATOT	CNUMERIC	STAT	4	AVG	No	Data storage allocated	52
STGENTINU	CNUMERIC	STAT	4	AVG	No	Entries storage in use	49
STGENTTOT	CNUMERIC	STAT	4	AVG	No	Entries storage allocated	48
STGIDXINU	CNUMERIC	STAT	4	AVG	No	Index storage in use	51
STGIXTOT	CNUMERIC	STAT	4	AVG	No	Index storage allocated	50
STRINGS	BINARY	INQ	4	AVG	No	Strings	9
TABLE	CVDAS	INQ	4	LIKE	No	Data table indicator	10
TABLE Output valid values	CICSTABLE, USERTABLE, CFTABLE, NOTTABLE						
TABlename	CHAR	INQ	8	DIFF	No	CFDT table name	60
TIMECLOSE	DECTSTP	STAT	4	MAX	No	Time closed	11
TIMEOPEN	DECTSTP	STAT	4	MAX	No	Time opened	12
TOTLREQCNT	SUM	STAT	4	AVG	No	Sum of all requests	19
TOTMREQCNT	SUM	STAT	4	AVG	No	Sum of all MDT requests	41
UPDATECNT	BINARY	STAT	4	AVG	No	Number of update requests	17
VSAMTYPE	CVDAS	INQ	4	LIKE	No	VSAM file type	3
VSAMTYPE Output valid values	ESDS, KSDS, RRDS						
WSTRCCURCNT	BINARY	STAT	4	AVG	No	Wait on string maximum concurrent count	29
WSTRCNT	BINARY	STAT	4	AVG	No	Wait on string total count	28

## MCCONNECT Resource Table

A CICS Monitored resource that describes a subset of the connection attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

### External resource name

### Length

216

**Usage** API or EVALDEF

### API view

Yes

### CMAS context

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1370

Table 631. Valid CPSM operations

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

Table 632. MCONNECT FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 633. MCONNECT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACCESSMETHOD	CVDAS	INQ	4	LIKE	No	Access method	7
ACCESSMETHOD Output valid values	VTAM, IRC, INDIRECT, XM						
AIDS	BINARY	STAT	2	AVG	No	Number of automatic initiate descriptors (AIDs)	9
ALLOCATES	BINARY	STAT	4	AVG	No	Total number of allocate requests	16
ALLOCQLIMIT	CNUMERIC	STAT	2	AVG	No	Allocate queue limit (QUEUELIMIT)	36
ATISBPRI	BINARY	STAT	4	AVG	No	Number of ATIs satisfied by primary sessions	11
ATISBSEC	BINARY	STAT	4	AVG	No	Number of ATIs satisfied by secondary sessions	13
BIDSENT	BINARY	STAT	4	AVG	No	Total number of bids sent	15
CONCURBIDS	BINARY	STAT	2	AVG	No	Number of bids currently in progress	28
CONNCREATIME	TIMESTP	STAT	8	MAX	No	Local connection create time	45
CONNDELETIME	TIMESTP	STAT	8	MAX	No	Local connection delete time	47
CONNSTATUS	CVDAS	INQ	4	LIKE	No	Connection status	6
CONNSTATUS Output valid values	RELEASED, OBTAINING, ACQUIRED, FREEING, AVAILABLE						
CURFCFSRATE	RATE	CPSM	4	AVG	No	File Control ship rate for current sample	29
DLIFUNCSHIP	BINARY	STAT	4	AVG	No	Number of DL/I function ships	25



Table 633. MCONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
DPLFUNCSHIP	BINARY	STAT	4	AVG	No	Number of Distributed Program Link function ships	52
EXIT_REJALLC	CNUMERIC	STAT	4	AVG	No	Allocates rejected because QUEUELIMIT reached	31
FAILEDOTHERS	BINARY	STAT	4	AVG	No	Number of allocate requests with other failure	20
FAILINKALLOC	BINARY	STAT	4	AVG	No	Number of allocate requests with link failure	19
FCFUNCSHIP	BINARY	STAT	4	AVG	No	Number of File Control function ships	21
GMTCREATIME	TIMESTP	STAT	8	MAX	No	GMT connection create time	44
GMTDELETIME	TIMESTP	STAT	8	MAX	No	GMT connection delete time	46
ICFUNCSHIP	BINARY	STAT	4	AVG	No	Number of Interval Control function ships	22
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTFCFSRATE	RATE	CPSM	4	AVG	No	File Control ship rate for interval	30
MAXBIDS	BINARY	STAT	4	AVG	No	Maximum number of concurrent bids	14
MAXPRIMARIES	CNUMERIC	STAT	2	AVG	No	Peak number of primary sessions in use	27
MAXQTALLCPRG	CNUMERIC	STAT	2	AVG	No	Number of allocates purged when MAXQTIME exceeded	41
MAXQTIME	CNUMERIC	STAT	2	AVG	No	Maximum queue time	35
MAXQTPURGCNT	CNUMERIC	STAT	2	AVG	No	Number of allocate queue purges due to MAXQTIME value	34
MAXSECOND	BINARY	STAT	4	AVG	No	Peak number of secondaries in use at one time	12
<b>NAME-1</b>	CHAR	INQ	4	DIFF	Yes	Connection ID	2
NETNAME	CHAR	INQ	8	DIFF	No	Net name	3
NONSPECAID	BINARY	STAT	2	AVG	No	Number of AIDs waiting for a session	10
OUTSALLOC	BINARY	STAT	4	AVG	No	Peak number of outstanding allocate requests	17
PRICURRUSED	CNUMERIC	STAT	2	AVG	No	Number of primaries currently in use	50
PROTOCOL	CV DAS	INQ	4	LIKE	No	Connection protocol	4
PROTOCOL Output valid values	LU61, APPC, NOTAPPLIC						
QUEDALLOCATE	BINARY	STAT	4	AVG	No	Number of queued allocate requests	18
RECEIVECOUNT	CNUMERIC	INQ	4	AVG	No	Number of defined receive sessions	32
SECCURRUSED	CNUMERIC	STAT	2	AVG	No	Number of secondaries currently in use	51
SENDCOUNT	CNUMERIC	INQ	4	AVG	No	Number of defined send sessions	33
SERVSTATUS	CV DAS	INQ	4	LIKE	No	Service status	8
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE, GOINGOUT						
TDFUNCSHIP	BINARY	STAT	4	AVG	No	Number of Transient Data function ships	23
TERMSHAREREQ	BINARY	STAT	4	AVG	No	Number of terminal sharing requests	26
TOTFUNCSHIP	SUM	STAT	4	AVG	No	Total number of function ships	43
TSFUNCSHIP	BINARY	STAT	4	AVG	No	Number of Temporary Storage function ships	24
TYPE	EYUDA	CPSM	4	LIKE	No	Connection type	5

Table 633. MCONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
TYPE Output valid values	LU61, LU62, INDIRECT, MRO						
XZIQALLCPRG	CNUMERIC	STAT	2	AVG	No	Number of allocates purged by XZIQUE exit	40
XZIQPRGCNT	CNUMERIC	STAT	2	AVG	No	Number of queue purges requested by XZIQUE exit	39
XZIQREJS	CNUMERIC	STAT	4	AVG	No	Number of allocates rejected by XZIQUE exit	38

## MDB2THRD Resource Table

A CICS Monitored resource that describes a subset of the DB2 thread attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name**

**Length**

112

**Usage** API or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1389

Table 634. Valid CPSM operations

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

Table 635. MDB2THRD FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 636. MDB2THRD resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ABORTCNT	BINARY	CPSM	4	AVG	No	Number of aborts	17
AUTHCNT	BINARY	CPSM	4	SUM	No	Number of authorizations done	12
AUHTYPE	EYUDA	CPSM	4	LIKE	No	Authorization type	3
AUHTYPE Output valid values	USER, TERMID, TRANID, SIGNID, CHARSTR, USERID, RACFGID, NULL						
CURTHREADS	BINARY	CPSM	2	AVG	No	Current number of threads	7
CURUSERATE	RATE	CPSM	4	AVG	No	Usage rate for current sample	14
DPMODE	EYUDA	CPSM	4	LIKE	No	Dispatching mode	4
DPMODE Output valid values	HIGH, LOW, EQ						
<b>INITTRAN-1</b>	CHAR	CPSM	4	DIFF	Yes	Initial transaction	2
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier	1
INTUSERATE	RATE	CPSM	4	AVG	No	Usage rate for interval	15
MAXTHREADS	BINARY	CPSM	2	AVG	No	Maximum number of threads	6
NAME	CHAR	CPSM	4	DIFF	No	DB2 subsystem	21
OTHERIDS	BINARY	CPSM	4	AVG	No	Number of transactions in group	19
PLANNAME	CHAR	CPSM	8	DIFF	No	Plan name if not dynamic allocation	11
PLANPRGM	CHAR	CPSM	8	DIFF	No	Dynamic plan allocation exit program	10
READCOMMIT	BINARY	CPSM	4	AVG	No	Number of read only commits	18
ROLLBACKOPT	EYUDA	CPSM	4	LIKE	No	Rollback option	5
ROLLBACKOPT Output valid values	YES, NO						
RSVTHREADS	BINARY	CPSM	4	AVG	No	Reserved threads	8
THREADHWM	BINARY	CPSM	2	MAX	No	Peak number of threads in use	20
THREADWAIT	BINARY	CPSM	4	SUM	No	Number of thread waits	16
THREADWOPT	EYUDA	CPSM	4	LIKE	No	Thread wait option	9
THREADWOPT Output valid values	TWAIT, NOTWAIT, POOL, YES, NO, NA						
USECOUNT	BINARY	CPSM	4	SUM	No	Number of times plan used	13

## METADESC Resource Table

A CPSM MetaData resource that describes the basic structure and layout of an attribute in the resource table instance data structure.

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

There are no object specific actions for this resource class.

**External resource name**

CICSMetaDataMOAttribute

**Length**

24

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Metadata

**Copybook identifier**

EYUt2546

Table 637. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 638. METADESC resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
DATATYPE	BINARY	CPSM	1	AVG	No	Data typeComponent IdentifierBinary NumericBinary Derived RateBinary Derived PercentBinary Derived SumBinary Derived RatioBinary Derived AverageSystem/370 TimestampBitTextCharacterEYUDACVDA StandardCVDA TerminalResource TypePacked DecimalDateInternal Label FieldBinary HHMMInterval Store ClockInterval MicrosecondsInterval MillisecondsInterval 16 MicrosecondsInterval SecondsInterval Store Clock deltaDate Time GroupPacked Decimal TimestampAddressCoded NumericNon Display CharacterHexadecimalTable versionBinary derived rate 3DPBinary derived percent 3DPBinary derived sum 3DPBinary derived average 3DPPacked Decimal Time - No TenthsInterval Store Clock Length 12String of bit flags	7

Table 638. METADESC resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
DATATYPE Input/output valid values	0 (COMP), 4 (BIN), 8 (RATE), 12 (PER), 16 (SUM), 20 (RATO), 24 (AVG), 28 (TSTP), 32 (BIT), 36 (TEXT), 40 (CHAR), 44 (EYUD), 48 (CVDS), 52 (CVDT), 56 (REST), 60 (PACK), 64 (DATE), 68 (ILBL), 72 (HHMM), 76 (SCLK), 80 (IUSC), 84 (IMSC), 88 (16US), 92 (ISEC), 96 (IUSS), 100 (DTGP), 104 (DECT), 108 (ADDR), 112 (CNUM), 116 (HCHR), 120 (HEX), 124 (TBLV), 128 (RAT3), 132 (PER3), 136 (SUM3), 140 (AVG3), 144 (DECS), 152 (SC12), 156 (BITS)						
INHERIT	CHAR	CPSM	1	DIFF	No	Inherit valueAttribute not InheritableAttribute is Inheritable	9
INHERIT Input/output valid values	N (NO), Y (YES)						
LENGTH	BINARY	CPSM	2	AVG	No	Attribute length	5
<b>NAME-1</b>	CHAR	CPSM	12	DIFF	Yes	Attribute name	4
OFFSET	BINARY	CPSM	2	AVG	No	Attribute offset in table	6

## METANAME Resource Table

A CPSM MetaData resource that provides information about CVDASs, CVDATs and EYUDAs.

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

**External resource name**

CICSMetaDataCvdaEyuda

**Length**

40

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSPlex SM Metadata

**Copybook identifier**

EYUt2634

Table 639. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 640. METANAME resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
DESCRIPTION	CHAR	CPSM	16	DIFF	No	Short description	8
NAME	CHAR	CPSM	12	DIFF	No	Name of CVDA or EYUDA	7
<b>NAMETYPE-1</b>	BINARY	CPSM	1	DIFF	Yes	Type of dataStandard CVDATerminal CVDAEYUDA	4
NAMETYPE-1 Input/Output valid values (CVDA), 3 (EYUDA)							
<b>VALUE-2</b>	BINARY	CPSM	4	DIFF	Yes	Numeric value of CVDA or EYUDA	6

## METAPARM Resource Table

A CPSM MetaData resource that provides information about a parameter for an action.

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

**External resource name**

CICSMetaDataParameter

**Length**

104

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Metadata

**Copybook identifier**

EYUt2633

Table 641. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 642. METAPARM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
<b>ACTION-2</b>	CHAR	CPSM	12	DIFF	Yes	Action name	5
CICSVALAVAIL	CHAR	CPSM	1	DIFF	No	CICS validity data availableCICS Validity activeNo CICS Validity data	20
CICSVALAVAIL Input/output valid values	Y (YES), N (NO)						

Table 642. METAPARM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
DATE	CHAR	CPSM	1	DIFF	No	Parameter represents a dateParameter does not represent a dateParameter does represent a date	29
DATE Input/output valid values	N (NO), Y (YES)						
DESCRIPTION	CHAR	CPSM	50	DIFF	No	Description	19
GROUP_ID	BINARY	CPSM	1	AVG	No	Parameter token	8
ID	BINARY	CPSM	4	AVG	No	Parameter number	7
MODE	BINARY	CPSM	1	DIFF	No	Mode of application of parameterCopy from base tableArray of valuesBit settingKeyword in API parm stringFilter stringAPI keyword with valueBase table field with existence bitBase table field with existence bit	18
MODE Input/output valid values	1 (COPY), 2 (LIST), 3 (FLAG), 4 (KEYWORD), 5 (FILTER), 6 (INPUT), 7 (MODFLAG), 8 (OVERRIDE)						
<b>NAME-3</b>	CHAR	CPSM	12	DIFF	Yes	Parameter literal in API parameter string	6
PICKLIST	CHAR	CPSM	1	DIFF	No	Picklist supportedPicklist not supportedPicklist supported	31
PICKLIST Input/output valid values	N (NO), Y (YES)						
REQUIRED	CHAR	CPSM	1	DIFF	No	Parameter requiredParameter is mandatoryParameter is optional	9
REQUIRED Input/output valid values	N (NO), Y (YES)						
<b>TABLE-1</b>	CHAR	CPSM	8	DIFF	Yes	Base table name	4
TIME	CHAR	CPSM	1	DIFF	No	Parameter represents a timeParameter does not represent a timeParameter does represent a time	30
TIME Input/output valid values	N (NO), Y (YES)						
VALCICES2	BIT	CPSM	1	LIKE	No	Not valid in CICS/ESA byte 2CICS ESA 630CICS ESA 640CICS ESA 650CICS ESA 660	27
VALCICES2 Input/output valid values	128 (E630), 64 (E640), 32 (E650), 16 (E660)						
VALCICESA	BIT	CPSM	1	LIKE	No	Not valid in CICS/ESACICS/MVS 212CICS/ESA 330CICS/ESA 410CICS for MVS/ESA 510CICS for MVS/ESA 520CICS for MVS/ESA 530CICS for MVS/ESA 610CICS for MVS/ESA 620	21
VALCICESA Input/output valid values	128 (M212), 64 (E330), 32 (E410), 16 (E510), 8 (E520), 4 (E530), 2 (E610), 1 (E620)						
VALCICSOS2	BIT	CPSM	1	LIKE	No	Not valid in CICS/OS2CICS OS/2 201CICS OS/2 300CICS OS/2 310	23
VALCICSOS2 Input/output valid values	128 (O201), 64 (O300), 32 (O311)						

Table 642. METAPARM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
VALCICSVSE	BIT	CPSM	1	LIKE	No	Not valid in CICS/VSECICS/VSE 220CICS/VSE 230CICS/VSE 410	22
VALCICSVSE Input/output valid values	128 (V220), 64 (V230), 32 (V410)						
VALCICSWNT	BIT	CPSM	1	LIKE	No	Not valid in CICS for WindowsCICS for Windows 430CICS for Windows 500	26
VALCICSWNT Input/output valid values	128 (N430), 64 (N500)						
VALUE	BINARY	CPSM	4	AVG	No	Parameter value	12
WLMOWNER	CHAR	CPSM	1	DIFF	No	Workload owner parameter requiredParameter is mandatoryParameter is optional	11
WLMOWNER Input/output valid values	N (NO), Y (YES)						
WORKLOAD	CHAR	CPSM	1	DIFF	No	Workload parameter requiredParameter is mandatoryParameter is optional	10
WORKLOAD Input/output valid values	N (NO), Y (YES)						

## MFEPICON Resource Table

A CICS Monitored resource that describes a subset of the FEPI connection attributes sampled by the CICSplex SM MAS Monitor agents.

While the MFEPICON resource class identifies multiple key attributes, only the TARGETNAME attribute can be specified in an EVALDEF INSTANCE attribute.

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

### External resource name

#### Length

104

**Usage** API or EVALDEF

#### API view

Yes

#### CMAS context

No

#### SCOPE applies

Yes



**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1401

Table 643. Valid CPSM operations

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

Table 644. MFEPICON FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 645. MFEPICON resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACQSTATUS	CVDAS	INQ	4	LIKE	No	Acquired status	14
ACQSTATUS Output valid values	ACQUIRED, ACQUIRING, RELEASED, RELEASING, INSTALLED, NOTINSTALLED						
ACQUIRES	BINARY	STAT	4	AVG	No	Number of acquires	5
CHARSRECVD	CNUMERIC	STAT	4	AVG	No	Number of characters received	11
CHARSENT	CNUMERIC	STAT	4	AVG	No	Number of characters sent	10
CONVERSATNS	CNUMERIC	STAT	4	AVG	No	Number of conversations	8
CSACQRATE	RATE	CPSM	4	AVG	No	Acquire rate for current sample	6
ERRORS	CNUMERIC	STAT	4	AVG	No	Number of error conditions	13
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
MIACQRATE	RATE	CPSM	4	AVG	No	Acquire rate for monitor interval	7
<b>NODENAME-2</b>	CHAR	INQ	8	DIFF	Yes	Node name	3
POOLNAME	CHAR	STAT	8	DIFF	No	Pool name	4
RCVTIMEOUT	CNUMERIC	STAT	4	AVG	No	Number of receive timeouts	12
SERVSTATUS	CVDAS	INQ	4	LIKE	No	Connection service state	15
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE, GOINGOUT						
STATE	CVDAS	INQ	4	LIKE	No	Conversation status	16
STATE Output valid values	NOCONV, PENDSTSN, STSN, PENDING, BEGINSESSION, APPLICATION, PENDDATA, PENDSTART, PENDFREE, FREE, PENDRELEASE, RELEASE, PENDUNSOL, UNSOLDATA, PENDPASS						
<b>TARGETNAME-1</b>	CHAR	INQ	8	DIFF	Yes	Target name	2
UNSOLICINP	CNUMERIC	STAT	4	AVG	No	Number of unsolicited inputs	9

Table 645. MFEPICON resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
WAITCONVNUM	BINARY	INQ	4	AVG	No	Number of conversations waiting for connection	17

## MINDTDQ Resource Table

A CICS Monitored resource that describes a subset of the indirect transient data queue attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

### External resource name

### Length

48

### Usage

API or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Monitored

### Copybook identifier

EYUt1386

Table 646. Valid CPSM operations

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

Table 647. MINDTDQ FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 647. MINDTDQ FEEDBACK error codes (continued)

9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)
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Table 648. MINDTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CUROUTQRATE	RATE	CPSM	4	AVG	No	Output rate for current sample	6
INDIRECTNAME	CHAR	INQ	4	DIFF	No	Indirect queue name	3
INDIRECTTYPE	CVDAS	INQ	4	LIKE	No	Indirect queue type	4
INDIRECTTYPE Output valid values	INTRA, EXTRA, INDIRECT, REMOTE						
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier	1
INTOUTQRATE	RATE	CPSM	4	AVG	No	Output rate for interval	7
OUTCNT	BINARY	STAT	4	SUM	No	Number of READ, WRITE, and DELETE requests	5
<b>TDQUEUE-1</b>	CHAR	INQ	4	DIFF	Yes	Queue identifier	2

## MJOURNAL Resource Table

A CICS Monitored resource that describes a subset of the journal attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

### External resource name

#### Length

88

**Usage** API or EVALDEF

#### API view

Yes

#### CMAS context

No

#### SCOPE applies

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1375

Table 649. Valid CPSM operations

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

Table 650. MJOURNAL FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 651. MJOURNAL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ARCHSUBCNT	CNUMERIC	STAT	4	AVG	No	Number of archives submitted (DISK2 journal only)	10
ARCHWCNT	CNUMERIC	STAT	4	AVG	No	Number of archive waits (DISK2 journal only)	11
AVGSIZE	BINARY	STAT	2	AVG	No	Average block size	15
BLKWRCNT	DECIMAL	STAT	4	SUM	No	Number of blocks written	9
BUFULLCNT	DECIMAL	STAT	3	SUM	No	Number of times buffer full	18
CURFULLPER	PERCENT	CPSM	4	AVG	No	Percentage of time buffer full - current sample	13
CURVOLUME	CHAR	INQ	6	DIFF	No	Current volume (tape journal only)	5
DSOPENCNT	CNUMERIC	STAT	4	AVG	No	Number of data sets opened (DISK2 journal only)	12
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTFULLPER	PERCENT	CPSM	4	AVG	No	Percentage of time buffer full - monitor interval	14
<b>JOURNALNUM-1</b>	BINARY	INQ	2	AVG	Yes	Journal number	16
JTYPE	CV DAS	INQ	4	LIKE	No	Journal type	3
JTYPE Output valid values	TAPE1, TAPE2, DISK1, DISK2, DISK2PAUSE, SMF						
LASTVOL	CHAR	STAT	6	DIFF	No	Last volume written (tape journal only)	6
OLDPART	CNUMERIC	INQ	4	AVG	No	Oldest part (tape journal only)	4
OPENSTATUS	CV DAS	INQ	4	LIKE	No	Open status	2
OPENSTATUS Output valid values	OPENOUTPUT, CLOSED						

Table 651. MJOURNAL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
RECWRCNT	DECIMAL	STAT	5	SUM	No	Number of records written	17
TAPESLFT	CNUMERIC	STAT	2	AVG	No	Number of tapes left	8
TAPESOPEN	CNUMERIC	STAT	2	AVG	No	Number of tapes opened	7

## MJRNLNAM Resource Table

A CICS Monitored resource that describes a subset of the journal name attributes sampled by the CICSplex SM MAS Monitor agents.

Instances of this resource are only presented when monitoring MJRNL class definitions are installed in systems running the CICS TS for OS/390.

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

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

### External resource name

### Length

80

### Usage

API or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Monitored

### Copybook identifier

EYUt1402

Table 652. Valid CPSM operations

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

Table 653. MJRNLNAM FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 654. MJRNLNAM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
<b>JOURNALNAME-1</b>	CHAR	INQ	8	DIFF	Yes	Journal name	2
NUMBUFLUSH	CNUMERIC	STAT	4	AVG	No	Number of buffer flush requests	6
NUMBYTES	BINARY	STAT	8	AVG	No	Total number of bytes written	5
NUMWRITES	CNUMERIC	STAT	4	AVG	No	Number of journal writes	4
STREAMNAME	CHAR	INQ	26	DIFF	No	MVS log stream	7
TYPE	CVDAS	INQ	4	LIKE	No	Log stream destination	3
TYPE Output valid values	MVS, SMF, DUMMY						

## MLOCFILE Resource Table

A CICS Monitored resource that describes a subset of the local file attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

### External resource name

### Length

208

**Usage** API or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Monitored

Copybook identifier

EYUt1372

Table 655. Valid CPSM operations

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

Table 656. MLOCFILE FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 657. MLOCFILE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACCESSMETHOD	CVDAS	INQ	4	LIKE	No	Access method	4
ACCESSMETHOD Output valid values	VSAM, BDAM						
ADDCNT	BINARY	STAT	4	AVG	No	Number of WRITE requests	17
BLOCKSIZE	CNUMERIC	INQ	4	AVG	No	Block size (BDAM only)	5
BROWSECNT	BINARY	STAT	4	AVG	No	The number of READNEXT and READPREV requests	16
BROWUPDCNT	CNUMERIC	STAT	4	AVG	No	Number of browse for update requests	38
CURDEXCPRATE	RATE	CPSM	4	AVG	No	Rate of data I/O operations for current sample	25
CURIEXCPRATE	RATE	CPSM	4	AVG	No	Rate of index I/O operations for current sample	27
CURREQRATE	RATE	CPSM	4	AVG	No	Request rate for current sample	21
DEXPCNT	BINARY	STAT	4	AVG	No	Number of I/O operations for data records	23
DSNAME	CHAR	INQ	44	DIFF	No	Data set name	6
ENABLESTATUS	CVDAS	INQ	4	LIKE	No	Enabled status	7
ENABLESTATUS Output valid values	ENABLED, DISABLED, UNENABLED, DISABLING						
<b>FILE-1</b>	CHAR	INQ	8	DIFF	Yes	File ID	2
GETCNT	BINARY	STAT	4	AVG	No	Number of READ requests	14
GETUPDCNT	BINARY	STAT	4	AVG	No	Number of READ UPDATE requests	15
IEXPCNT	BINARY	STAT	4	AVG	No	Number of I/O operations against index component	24

Table 657. MLOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
INTDEXCPRATE	RATE	CPSM	4	AVG	No	Rate of data I/O operations for monitor interval	26
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTIEXCPRATE	RATE	CPSM	4	AVG	No	Rate of index I/O operations for monitor interval	28
INTREQRATE	RATE	CPSM	4	AVG	No	Request rate for monitor interval	22
LOCDELCNT	BINARY	STAT	4	AVG	No	Number of DELETE requests	19
LSRPOOLID	CHAR	INQ	2	DIFF	No	Local shared resources pool ID	31
NUMACTSTRING	CNUMERIC	STAT	2	AVG	No	Number of active strings	34
NUMDATBUFF	CNUMERIC	STAT	2	AVG	No	Number of data buffers	32
NUMINDEXBUFF	CNUMERIC	STAT	2	AVG	No	Number of index buffers	33
NUMSTRINGWT	CNUMERIC	STAT	2	AVG	No	Current number of string waits	35
OBJECT	CVDAS	INQ	4	LIKE	No	Data set type (base or path)	8
OBJECT Output valid values	BASE, PATH						
OPENSTATUS	CVDAS	INQ	4	LIKE	No	Open status	9
OPENSTATUS Output valid values	OPEN, CLOSED, OPENING, CLOSING, CLOSEREQUEST						
RECORDSIZE	BINARY	INQ	4	AVG	No	Record size	10
RLSREQWTO	CNUMERIC	STAT	4	AVG	No	Record level sharing (RLS) request wait timeouts	39
STRINGS	BINARY	INQ	4	AVG	No	Number of strings	11
TIMECLOSE	DECTSTP	STAT	4	MAX	No	Local time file was closed	12
TIMEOPEN	DECTSTP	STAT	4	MAX	No	Local time file was opened	13
TOTLREQCNT	BINARY	STAT	4	AVG	No	Total number of all requests	20
UPDATECNT	BINARY	STAT	4	AVG	No	Number of REWRITE requests	18
VSAMTYPE	CVDAS	INQ	4	LIKE	No	VSAM file type	3
VSAMTYPE Output valid values	ESDS, KSDS, RRDS						
WSTRCCURCNT	BINARY	STAT	4	AVG	No	Peak number of tasks waiting for a string	30
WSTRCNT	BINARY	STAT	4	AVG	No	Total requests queued because all strings in use	29

## MLOCTRAN Resource Table

A CICS Monitored resource that describes a subset of the local transaction attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.



These actions require no unique parameter data.

**External resource name**

**Length**

1392

**Usage** API or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1380

Table 658. Valid CPSM operations

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

Table 659. MLOCTRAN FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 660. MLOCTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ACTMISMATS	CNUMERIC	STAT	4	AVG	No	Number of action mismatches		146
ALLOCATES	BINARY	CMF	4	AVG	No	Number of TCTTE allocation requests		25
BAACDCCT	BINARY	CMF	4	AVG	No	BTS activity data container requests		193
BAACQPCT	BINARY	CMF	4	AVG	No	BTS acquire process requests		190
BADACTCT	BINARY	CMF	4	AVG	No	BTS define activity requests		185
BADCPACT	BINARY	CMF	4	AVG	No	BTS delete activity and cancel requests		189
BADFIECT	BINARY	CMF	4	AVG	No	BTS define input event requests		196
BADPROCT	BINARY	CMF	4	AVG	No	BTS define process requests		184
BALKPACT	BINARY	CMF	4	AVG	No	BTS link requests		183

Table 660. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
BAPRDCCT	BINARY	CMF	4	AVG	No	BTS process data container requests		192
BARASYCT	BINARY	CMF	4	AVG	No	BTS run asynchronous requests		182
BARATECT	BINARY	CMF	4	AVG	No	BTS retrieve reattach event requests		195
BARMPACT	BINARY	CMF	4	AVG	No	BTS resume requests		188
BARSPACT	BINARY	CMF	4	AVG	No	BTS reset requests		186
BARSYNCT	BINARY	CMF	4	AVG	No	BTS run synchronous requests		181
BASUPACT	BINARY	CMF	4	AVG	No	BTS suspend requests		187
BATIAECT	BINARY	CMF	4	AVG	No	BTS timer associated event requests		197
BATOTCCT	BINARY	CMF	4	AVG	No	BTS total data container requests		194
BATOTECT	BINARY	CMF	4	AVG	No	BTS total event requests		198
BATOTPCT	BINARY	CMF	4	AVG	No	BTS total requests		191
BMSCOUNT	BINARY	CMF	4	AVG	No	Total BMS requests		64
BMSINCNT	BINARY	CMF	4	AVG	No	Number of BMS in requests		62
BMSMAPCNT	BINARY	CMF	4	AVG	No	Number of BMS map requests		61
BMSOUTCNT	BINARY	CMF	4	AVG	No	Number of BMS out requests		63
CDSAGETM	BINARY	CMF	4	AVG	No	CDSA getmains		29
CDSAPSHWM	BINARY	CMF	4	AVG	No	CDSA program storage HWM		45
CDSASHWM	BINARY	CMF	4	AVG	No	CDSA storage HWM		33
CDSASOCC	BINARY	CMF	8	AVG	No	CDSA occupancy		37
CFDTWC	CNUMERIC	CMF	4	AVG	No	CF data table wait count		178
CFDTWT	INT16US	CMF	8	AVG	No	CF data table wait time		177
CHARIN	BINARY	CMF	4	AVG	No	Primary terminal control characters in		18
CHARINSEC	BINARY	CMF	4	AVG	No	Secondary terminal control characters in		22
CHAROUT	BINARY	CMF	4	AVG	No	Primary terminal control characters out		20
CHAROUTSEC	BINARY	CMF	4	AVG	No	Secondary terminal control characters out		24
CHMODECT	BINARY	CMF	4	AVG	No	Dispatcher change modes	E640P143	143
CICSWC	CNUMERIC	CMF	4	AVG	No	Wait-CICS count		167
CICSWT	INT16US	CMF	8	AVG	No	Wait-CICS time		166
CPUCNT	BINARY	CMF	4	AVG	No	User task CPU count		88
CPUTIME	INT16US	CMF	8	AVG	No	User task CPU time		73
CTLWC	CNUMERIC	CMF	4	AVG	No	Give up control wait count		171
CTLWT	INT16US	CMF	8	AVG	No	Give up control wait time		170
CURAVGCPUT	INT16US	CPSM	4	MAX	No	Average CPU time for current sample		71
CURAVGRES	INTMSEC	CPSM	4	MAX	No	Average response time for current sample		13
CURTRANRATE	RATE	CPSM	4	SUM	No	Transaction rate for current sample		8
DB2CONWC	BINARY	CMF	4	AVG	No	DB2 connection (TCB) count		220
DB2CONWT	INT16US	CMF	8	AVG	No	DB2 Connection wait time		219
DB2RDYQC	BINARY	CMF	4	AVG	No	DB2 ReadyQ wait count		218
DB2RDYQW	INT16US	CMF	8	AVG	No	DB2 ReadyQ wait time		217
DB2REQCT	BINARY	CMF	4	AVG	No	DB2 total number of requests		242

Table 660. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
DB2WAIT	INT16US	CMF	8	AVG	No	DB2 request wait time		221
DB2WAITC	BINARY	CMF	4	AVG	No	DB2 request wait count		222
DHCRECT	BINARY	CMF	4	AVG	No	Document create requests		209
DHINSCT	BINARY	CMF	4	AVG	No	Document insert requests		210
DHRETCT	BINARY	CMF	4	AVG	No	Document retrieve requests		212
DHSETCT	BINARY	CMF	4	AVG	No	Document set requests		211
DHTOTCT	BINARY	CMF	4	AVG	No	Document total requests		213
DHTOTDCL	BINARY	CMF	4	AVG	No	Document total length created		214
DISPCNT	BINARY	CMF	4	AVG	No	Task dispatch count		87
DISPTIME	INT16US	CMF	8	AVG	No	Task dispatch time		72
DSPDELAY	INT16US	CMF	8	AVG	No	First dispatch delay		119
DSPDELAYCT	CNUMERIC	CMF	4	AVG	No	First dispatch delay count		128
ECDSAGETM	BINARY	CMF	4	AVG	No	ECDSA getmains		30
ECDSAPSHWM	BINARY	CMF	4	AVG	No	ECDSA program storage HWM		44
ECDSASHWM	BINARY	CMF	4	AVG	No	ECDSA storage HWM		34
ECDSASOCC	BINARY	CMF	8	AVG	No	ECDSA occupancy		38
ENQDELAY	INT16US	CMF	8	AVG	No	Task control enqueue delay time		122
ENQDELAYCT	CNUMERIC	CMF	4	AVG	No	KC enqueue delay count		131
EXTERNWC	CNUMERIC	CMF	4	AVG	No	External wait count		165
EXTERNWT	INT16US	CMF	8	AVG	No	External wait time		164
EXWAIT	INT16US	CMF	8	AVG	No	Exception wait time		76
EXWAITCNT	CNUMERIC	CMF	4	AVG	No	Exception wait count		91
FCADCNT	BINARY	CMF	4	AVG	No	Number of file adds		49
FCAMCNT	BINARY	CMF	4	AVG	No	Number of access method requests		52
FCBRWCNT	BINARY	CMF	4	AVG	No	Number of file browses		48
FCCOUNT	BINARY	CMF	4	AVG	No	Total file control requests		51
FCDELCNT	BINARY	CMF	4	AVG	No	Number of file deletes		50
FCGETCNT	BINARY	CMF	4	AVG	No	Number of file gets		46
FCIOCNT	BINARY	CMF	4	AVG	No	File control I/O wait count		93
FCIOTIME	INT16US	CMF	8	AVG	No	File control I/O wait time		78
FCPUTCNT	BINARY	CMF	4	AVG	No	Number of file puts		47
FORACTINDTO	CNUMERIC	STAT	4	AVG	No	Force actions due to indoubt		142
FORACTNOWT	CNUMERIC	STAT	4	AVG	No	Force actions due to no wait		143
FORACTOPER	CNUMERIC	STAT	4	AVG	No	Force actions due to operator		144
FORACTOTHER	CNUMERIC	STAT	4	AVG	No	Force actions due to other		145
FORACTTRNDF	CNUMERIC	STAT	4	AVG	No	Force actions due to transaction definition		141
GNQDELAC	BINARY	CMF	4	AVG	No	Sysplex-wide enqueue delay count		249
GNQDELAY	INT16US	CMF	8	AVG	No	Sysplex-wide enqueue delay time		248
ICCOUNT	BINARY	CMF	4	AVG	No	Interval control requests		69
ICTOTCNT	BINARY	CMF	4	AVG	No	Total interval control requests		174
IMSREQCT	BINARY	CMF	4	AVG	No	IMS total number of requests		241
IMSWAIT	INT16US	CMF	8	AVG	No	IMS request wait time		215
IMSWAITC	BINARY	CMF	4	AVG	No	IMS request wait count		216

Table 660. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
INTAVGCPUT	INT16US	CPSM	4	MAX	No	Average CPU time for interval		84
INTAVGRES	INTMSEC	CPSM	4	MAX	No	Average response time for interval		16
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier		1
INTTRANRATE	RATE	CPSM	4	SUM	No	Transaction rate for interval		9
INTVLWC	CNUMERIC	CMF	4	AVG	No	Interval control wait count		169
INTVLWT	INT16US	CMF	8	AVG	No	Interval control wait time		168
IRIOCNT	BINARY	CMF	4	AVG	No	Interregion I/O count		96
IRIOTIME	INT16US	CMF	8	AVG	No	Interregion I/O wait		81
ISOLATEST	CVDAS	INQ	4	LIKE	No	Isolation status		98
ISOLATEST Output valid values	ISOLATE, NOISOLATE							
J8CPUC	BINARY	CMF	4	AVG	No	J8 TCB mode CPU count		238
J8CPUT	INT16US	CMF	8	AVG	No	J8 TCB mode CPU time		237
JCIOCNT	BINARY	CMF	4	AVG	No	Journal control I/O wait count		94
JCIOTIME	INT16US	CMF	8	AVG	No	Journal control I/O wait time		79
JCURWCNT	BINARY	CMF	4	AVG	No	Journal output requests		68
JNLWRTCT	CNUMERIC	CMF	4	AVG	No	Journal write requests		154
JVMSUSP	INT16US	CMF	8	AVG	No	Total JVM suspend time		256
JVMSUSPC	BINARY	CMF	4	AVG	No	Total JVM suspend time count		257
JVMTIME	INT16US	CMF	8	AVG	No	Total JVM elapsed time		254
JVMTIMEC	BINARY	CMF	4	AVG	No	Total JVM elapsed time count		255
L8CPUC	BINARY	CMF	4	AVG	No	L8 TCB mode CPU count		236
L8CPUT	INT16US	CMF	8	AVG	No	L8 TCB mode CPU time		235
LOCALCNT	CNUMERIC	STAT	4	AVG	No	Times local dynamic routing exit ran transaction		12
LOCKMWC	CNUMERIC	CMF	4	AVG	No	Lock manager wait count		161
LOCKMWT	INT16US	CMF	8	AVG	No	Lock manager wait time		160
LOGWRTCT	CNUMERIC	CMF	4	AVG	No	CICS logger write requests		155
LU61WTT	INT16US	CMF	8	AVG	No	LU6.1 I/O wait time		123
LU61WTTCT	CNUMERIC	CMF	4	AVG	No	LU6.1 I/O wait count		132
LU62WTT	INT16US	CMF	8	AVG	No	LU6.2 I/O wait time		124
LU62WTTCT	CNUMERIC	CMF	4	AVG	No	LU6.2 I/O wait count		133
MSCPUC	BINARY	CMF	4	AVG	No	Other TCB mode CPU count		234
MSCPCT	INT16US	CMF	8	AVG	No	Other TCB mode CPU time		233
MSDISPC	BINARY	CMF	4	AVG	No	Other TCB mode dispatch count		232
MSDISPT	INT16US	CMF	8	AVG	No	Other TCB mode dispatch time		231
MSGIN	BINARY	CMF	4	AVG	No	Primary terminal control messages in		17
MSGINSEC	BINARY	CMF	4	AVG	No	Secondary terminal control messages in		21
MSGOUT	BINARY	CMF	4	AVG	No	Primary terminal control messages out		19
MSGOUTSEC	BINARY	CMF	4	AVG	No	Secondary terminal control messages out		23
MXTDELAY	INT16US	CMF	8	AVG	No	First dispatch delay		121
MXTDELAYCT	CNUMERIC	CMF	4	AVG	No	First dispatch delay MXT count		130
MXTOTDLC	BINARY	CMF	4	AVG	No	Maximum open TCB delay count		224

Table 660. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
MXTOTDLY	INT16US	CMF	8	AVG	No	Maximum open TCB delay time		223
NUMINDOUBWT	CNUMERIC	STAT	4	AVG	No	Number of indoubt waits		140
PC24RHWM	CNUMERIC	CMF	4	AVG	No	R/O program storage HWM below 16M		106
PC24SHWM	CNUMERIC	CMF	4	AVG	No	Shared program storage HWM below 16M		108
PC31SHWM	CNUMERIC	CMF	4	AVG	No	Shared program storage HWM above 16M		107
PCDPLCT	BINARY	CMF	4	AVG	No	Distributed program links		245
PCLINKCNT	BINARY	CMF	4	AVG	No	Number of program links		65
PCLOADCNT	BINARY	CMF	4	AVG	No	Number of program loads		67
PCLOADTM	INT16US	CMF	8	AVG	No	Program fetch wait time		83
PCLOADWCNT	CNUMERIC	CMF	4	AVG	No	Program fetch wait count		175
PCLURMCT	BINARY	CMF	4	AVG	No	Link URM count		176
PCXCTLCNT	BINARY	CMF	4	AVG	No	Number of program XCTLs		66
PERRECNT	CNUMERIC	CMF	4	AVG	No	Performance record count		147
PRIORITY	BINARY	CMF	4	AVG	No	Transaction priority		85
PROGRAM	CHAR	CMF	8	DIFF	No	First program		86
PSTG24HWM	BINARY	CMF	4	AVG	No	Program storage HWM below 16M		40
PSTG31HWM	BINARY	CMF	4	AVG	No	Program storage HWM above 16M		41
PSTGHWM	BINARY	CMF	4	AVG	No	Program storage HWM		39
QRCPUC	BINARY	CMF	4	AVG	No	QR TCB mode CPU count		230
QRCPUT	INT16US	CMF	8	AVG	No	QR TCB mode CPU time		229
QRDISPC	BINARY	CMF	4	AVG	No	QR TCB mode dispatch count		228
QRDISPT	INT16US	CMF	8	AVG	No	QR TCB mode dispatch time		227
QRMODDLC	BINARY	CMF	4	AVG	No	QR TCB mode delay count		226
QRMODDLY	INT16US	CMF	8	AVG	No	QR TCB mode delay time		225
REMOTECNT	CNUMERIC	STAT	4	AVG	No	Number of times run remotely by routing exit		99
REMSTARTCNT	CNUMERIC	STAT	4	AVG	No	Remote start count		100
RESPONSE	INTMSEC	CMF	8	AVG	No	Cumulative response time		15
RESTARTCNT	BINARY	STAT	4	AVG	No	Times restarted		6
RLSCPUCNT	CNUMERIC	CMF	4	AVG	No	RLS CPU time monitor count		163
RLSCPUT	INT16US	CMF	8	AVG	No	RLS SRB CPU time		162
RLSWAIT	INT16US	CMF	8	AVG	No	Total times waited for RLS I/O		158
RLSWAITCNT	CNUMERIC	CMF	4	AVG	No	Task suspend count		159
RMISUSP	INT16US	CMF	8	AVG	No	Total RMI suspend time		126
RMISUSPCT	CNUMERIC	CMF	4	AVG	No	Total RMI suspend count		135
RMITIME	INT16US	CMF	8	AVG	No	Total RMI elapsed time		125
RMITIMECT	CNUMERIC	CMF	4	AVG	No	Total RMI elapsed count		134
RRMSWAIC	BINARY	CMF	4	AVG	No	RRMS/MVS syncpoint delay count		253
RRMSWAIT	INT16US	CMF	8	AVG	No	RRMS/MVS syncpoint delay time		252
RSYSID	CHAR	CMF	4	DIFF	No	Remote system identifier		101
RUNTRWTC	BINARY	CMF	4	AVG	No	Run synchronous transaction wait count		200

Table 660. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
RUNTRWTT	INT16US	CMF	8	AVG	No	Run synchronous transaction wait time		199
S8CPUC	BINARY	CMF	4	AVG	No	S8 TCB mode CPU count		240
S8CPUT	INT16US	CMF	8	AVG	No	S8 TCB mode CPU time		239
SC24FSHR	CNUMERIC	CMF	4	AVG	No	Shared storage bytes freed below 16M		150
SC24GSHR	CNUMERIC	CMF	4	AVG	No	Shared storage bytes get below 16M		149
SC24SGCT	CNUMERIC	CMF	4	AVG	No	Shared storage requests below 16M		148
SC31FSHR	CNUMERIC	CMF	4	AVG	No	Shared storage bytes freed above 16M		153
SC31GSHR	CNUMERIC	CMF	4	AVG	No	Shared storage bytes get above 16M		152
SC31SGCT	CNUMERIC	CMF	4	AVG	No	Shared storage getmain above 16M		151
SHDTSWC	CNUMERIC	CMF	4	AVG	No	Shared temporary storage wait count		173
SHDTSWT	INT16US	CMF	8	AVG	No	Shared temporary storage wait time		172
SOBYDECT	BINARY	CMF	4	AVG	No	Socket bytes decrypted		247
SOBYENCT	BINARY	CMF	4	AVG	No	Socket bytes encrypted		246
SOIOWTC	BINARY	CMF	4	AVG	No	Sockets I/O wait count		251
SOIOWTT	INT16US	CMF	8	AVG	No	Sockets I/O wait time		250
SRVSPWC	CNUMERIC	CMF	4	AVG	No	CF data-table-server syncpoint wait count		180
SRVSPWT	INT16US	CMF	8	AVG	No	CF server syncpoint wait time		179
STATUS	CVDAS	INQ	4	LIKE	No	Enabled status		4
STATUS Output valid values	ENABLED, DISABLED							
STGVCNT	BINARY	STAT	4	AVG	No	Number of storage violations		10
SUSPCNT	BINARY	CMF	4	AVG	No	Task suspend count		89
SUSPTIME	INT16US	CMF	8	AVG	No	Task suspend time		74
SYNCCOUNT	BINARY	CMF	4	AVG	No	Syncpoint requests		70
SYNCDLY	INT16US	CMF	8	AVG	No	Waiting for parent syncpoint delay time		201
SYNCDLYC	BINARY	CMF	4	AVG	No	Waiting for parent syncpoint delay count		202
SYNCTIMCNT	CNUMERIC	CMF	4	AVG	No	Total times processed syncpoint request		157
SYNCTIME	INT16US	CMF	8	AVG	No	Syncpoint wait time		156
SZALLCTO	CNUMERIC	CMF	4	AVG	No	FEPI allocate timeouts		115
SZALLOCT	CNUMERIC	CMF	4	AVG	No	FEPI allocates		109
SZCHRIN	CNUMERIC	CMF	4	AVG	No	FEPI characters received		114
SZCHROUT	CNUMERIC	CMF	4	AVG	No	FEPI characters sent		113
SZRCVCT	CNUMERIC	CMF	4	AVG	No	FEPI receives		110
SZRCVTO	CNUMERIC	CMF	4	AVG	No	FEPI receive timeouts		116
SZSENDCT	CNUMERIC	CMF	4	AVG	No	FEPI sends		111
SZSTRCT	CNUMERIC	CMF	4	AVG	No	FEPI starts		112
SZTOTCT	CNUMERIC	CMF	4	AVG	No	Total FEPI requests		117
SZWAIT	INT16US	CMF	8	AVG	No	FEPI suspend time		118
SZWAITCT	CNUMERIC	CMF	4	AVG	No	FEPI suspend time count		127
TCBATTCT	BINARY	CMF	4	AVG	No	Dispatcher TCB attaches		244



Table 660. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TCC62IN2	CNUMERIC	CMF	4	AVG	No	LU6.2 Secondary terminal control chars in		103
TCC62OU2	CNUMERIC	CMF	4	AVG	No	LU6.2 secondary terminal control chars out		105
TCIOCNT	BINARY	CMF	4	AVG	No	Terminal control I/O wait count		92
TCIOTIME	INT16US	CMF	8	AVG	No	Terminal control I/O wait time		77
TCLDELAY	INT16US	CMF	8	AVG	No	First dispatch delay - transaction class		120
TCLDELAYCT	CNUMERIC	CMF	4	AVG	No	First dispatch delay count		129
TCM62IN2	CNUMERIC	CMF	4	AVG	No	LU6.2 secondary terminal control messages in		102
TCM62OU2	CNUMERIC	CMF	4	AVG	No	LU6.2 secondary terminal control messages out		104
TDCOUNT	BINARY	CMF	4	AVG	No	Total transient data requests		56
TDGETCNT	BINARY	CMF	4	AVG	No	Number of transient data gets		53
TDIOCNT	BINARY	CMF	4	AVG	No	Transient data I/O count		97
TDIOTIME	INT16US	CMF	8	AVG	No	Transient data I/O wait time		82
TDPURCNT	BINARY	CMF	4	AVG	No	Number of transient data purges		55
TDPUTCNT	BINARY	CMF	4	AVG	No	Number of transient data puts		54
TERMID	CHAR	INQ	4	DIFF	No	Terminal identifier		3
TERMSTG	CNUMERIC	CMF	4	AVG	No	Terminal storage	E410P	165
TMRDSCWT	INT16US	CMF	8	AVG	No	MVS DS storage constraint wait time		258
TRANCLASS	CHAR	INQ	8	DIFF	No	Transaction class name		5
<b>TRANID-1</b>	CHAR	INQ	4	DIFF	Yes	Transaction		2
TSCOUNT	BINARY	CMF	4	AVG	No	Total temporary storage requests		60
TSGETCNT	BINARY	CMF	4	AVG	No	Number of temporary storage gets		57
TSIOCNT	BINARY	CMF	4	AVG	No	Temporary storage I/O wait count		95
TSIOTIME	INT16US	CMF	8	AVG	No	Temporary storage I/O wait time		80
TSPUTACNT	BINARY	CMF	4	AVG	No	Number of TS puts to auxiliary storage		58
TSPUTMCNT	BINARY	CMF	4	AVG	No	Number of TS puts to main storage		59
USECOUNT	BINARY	STAT	4	SUM	No	Times used		7
USRP24HWM	BINARY	CMF	4	AVG	No	Program storage HWM below 16M		43
USRP31HWM	BINARY	CMF	4	AVG	No	Program storage HWM above 16M		42
USTG24CNT	BINARY	CMF	4	AVG	No	Number of user getmains below 16M		27
USTG24HWM	BINARY	CMF	4	AVG	No	User task storage HWM below 16M		31
USTG24OCC	BINARY	CMF	8	AVG	No	User task storage occupancy below 16M		35
USTG31CNT	BINARY	CMF	4	AVG	No	Number of user getmains above 16M		28
USTG31HWM	BINARY	CMF	4	AVG	No	User task storage HWM above 16M		32
USTG31OCC	BINARY	CMF	8	AVG	No	User task storage occupancy above 16M		36
WAITCNT	CNUMERIC	CMF	4	AVG	No	Dispatch wait count		90
WAITTIME	INT16US	CMF	8	AVG	No	Dispatch wait time		75
WBCHRIN	BINARY	CMF	4	AVG	No	WEB characters received		204
WBCHROUT	BINARY	CMF	4	AVG	No	WEB characters sent		206
WBRCVCT	BINARY	CMF	4	AVG	No	WEB receive requests		203

Table 660. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
WBREPWCT	BINARY	CMF	4	AVG	No	WEB repository writes		208
WBSENDCT	BINARY	CMF	4	AVG	No	WEB send requests		205
WBTOTCT	BINARY	CMF	4	AVG	No	WEB total requests		207

## MLSRPBUF Resource Table

A CICS Monitored resource that describes a subset of the LSR pool buffer attributes sampled by the CICSplex SM MAS Monitor agents.

While the MLSRPBUF resource class identifies multiple key attributes, only the POOLSIZE TYPE attribute can be specified in an EVALDEF INSTANCE attribute.

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

### External resource name

#### Length

104

**Usage** API or EVALDEF

#### API view

Yes

#### CMAS context

No

#### SCOPE applies

Yes

#### Only query CMASs in workload

No

#### Object type

CICS Monitored

#### Copybook identifier

EYUt1396

Table 661. Valid CPSM operations

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

Table 662. MLSRPBUF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 662. MLSRPBUF FEEDBACK error codes (continued)

9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)
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Table 663. MLSRPBUF resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
COUNT	BINARY	STAT	2	AVG	No	Number of buffers	20
CREADS	BINARY	STAT	4	AVG	No	Number of successful hiperspace CREADS	8
CURHREADRATE	RATE	CPSM	4	AVG	No	Hiperspace read rate for current sample	18
CURHWITRATE	RATE	CPSM	4	AVG	No	Hiperspace write rate for current sample	16
CURREADRATE	RATE	CPSM	4	AVG	No	Read rate for current sample	14
CURWITRATE	RATE	CPSM	4	AVG	No	Write rate for current sample	12
CWRITES	BINARY	STAT	4	AVG	No	Number of successful hiperspace CWRITES	9
FAILCREADS	BINARY	STAT	4	AVG	No	Number of failed hiperspace CREADS	10
FAILCWRITES	BINARY	STAT	4	AVG	No	Number of failed hiperspace CWRITES	11
HIPERBUFF	BINARY	STAT	4	AVG	No	Number of hiperspace buffers	3
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier	1
INTHREADRATE	RATE	CPSM	4	AVG	No	Hiperspace read rate for interval	19
INTHWITRATE	RATE	CPSM	4	AVG	No	Hiperspace write rate for interval	17
INTREADRATE	RATE	CPSM	4	AVG	No	Read rate for interval	15
INTWITRATE	RATE	CPSM	4	AVG	No	Write rate for interval	13
LOOKASIDES	BINARY	STAT	4	AVG	No	Number of successful lookasides	4
NONUWRITE	BINARY	STAT	4	AVG	No	Number of non-user initiated writes	7
<b>POOLSIZETYPE-1</b>	CHAR	STAT	8	DIFF	Yes	Pool identifier, buffer size, buffer type	2
READS	BINARY	STAT	4	AVG	No	Number of buffer reads	5
USERIWRITE	BINARY	STAT	4	AVG	No	Number of user initiated writes	6

## MLSRPOOL Resource Table

A CICS Monitored resource that describes a subset of the LSR pool attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

### External resource name

**Length**  
208

**Usage** API or EVALDEF

**API view**  
Yes

**CMAS context**  
No

**SCOPE applies**  
Yes

**Only query CMASs in workload**  
No

**Object type**  
CICS Monitored

**Copybook identifier**  
EYUt1374

Table 664. Valid CPSM operations

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

Table 665. MLSRPOOL FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 666. MLSRPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CREATETIME	DECTSTP	STAT	4	MAX	No	Local create time	2
CURDBHITRATE	RATE	CPSM	4	AVG	No	Data buffer lookaside rate for current sample	19
CURDHREARATE	RATE	CPSM	4	AVG	No	Data buffer CREAD rate for current sample	27
CURDHWIRATE	RATE	CPSM	4	AVG	No	Data buffer CWRITE rate for current sample	25
CURDREADRATE	RATE	CPSM	4	AVG	No	Data buffer read rate for current sample	23
CURDWIRATE	RATE	CPSM	4	AVG	No	Data buffer write rate for current sample	21
CURIBHITRATE	RATE	CPSM	4	AVG	No	Index buffer lookaside rate for current sample	39
CURIHREARATE	RATE	CPSM	4	AVG	No	Index buffer CREAD rate for current sample	47
CURIHWRIRATE	RATE	CPSM	4	AVG	No	Index buffer CWRITE rate for current sample	45
CURIREADRATE	RATE	CPSM	4	AVG	No	Index buffer read rate for current sample	43
CURIWRIRATE	RATE	CPSM	4	AVG	No	Index buffer write rate for current sample	41

Table 666. MLSRPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
DBLOOKASIDE	BINARY	STAT	4	AVG	No	Number of successful lookasides to data buffers	11
DBNUWRITE	BINARY	STAT	4	AVG	No	Number of non user-initiated data buffer writes	14
DBREAD	BINARY	STAT	4	AVG	No	Number of read I/Os to data buffers	12
DBUFFCNT	BINARY	STAT	4	AVG	No	Number of data buffers	9
DBUIWRITE	BINARY	STAT	4	AVG	No	Number of user-initiated data buffer writes	13
DCREAD	BINARY	STAT	4	AVG	No	Number of successful data buffer CREAD requests	15
DCWRITE	BINARY	STAT	4	AVG	No	Number of successful data buffer CWRITE requests	16
DELETETIME	DECTSTP	STAT	4	MAX	No	Local delete time	3
DFAILCREAD	BINARY	STAT	4	AVG	No	Number of failed data buffer CREAD requests	17
DFAILCWRITE	BINARY	STAT	4	AVG	No	Number of failed data buffer CWRITE requests	18
DHIPERBUF	BINARY	STAT	4	AVG	No	Number of Hiperspace data buffers	10
IBLOOKASIDE	BINARY	STAT	4	AVG	No	Number of lookaside index buffer reads	31
IBNUWRITE	BINARY	STAT	4	AVG	No	Number of non user-initiated index buffer writes	34
IBREADS	BINARY	STAT	4	AVG	No	Total number of index buffer reads	32
IBUFFCNT	BINARY	STAT	4	AVG	No	Number of index buffers	29
IBUIWRITE	BINARY	STAT	4	AVG	No	Number of user-initiated index buffer writes	33
ICREAD	BINARY	STAT	4	AVG	No	Number of successful index buffer CREAD requests	35
ICWRITE	BINARY	STAT	4	AVG	No	Number of successful index buffer CWRITE requests	36
IDHIPERBUF	BINARY	STAT	4	AVG	No	Number of Hiperspace index buffers	30
IDXDATFLG	BIT	STAT	1	LIKE	No	Separate data and index flag	50
IFAILCREAD	BINARY	STAT	4	AVG	No	Number of failed index buffer CREAD requests	37
IFAILCWRITE	BINARY	STAT	4	AVG	No	Number of failed index buffer CWRITE requests	38
INTDBHITRATE	RATE	CPSM	4	AVG	No	Data buffer lookaside rate for monitor interval	20
INTDHREARATE	RATE	CPSM	4	AVG	No	Data buffer CREAD rate for monitor interval	28
INTDHWIRATE	RATE	CPSM	4	AVG	No	Data buffer CWRITE rate for monitor interval	26
INTDREADRATE	RATE	CPSM	4	AVG	No	Data buffer read rate for monitor interval	24
INTDWRITRATE	RATE	CPSM	4	AVG	No	Data buffer write rate for monitor interval	22
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTIBHITRATE	RATE	CPSM	4	AVG	No	Index buffer lookaside rate for monitor interval	40
INTIHREARATE	RATE	CPSM	4	AVG	No	Index buffer CREAD rate for monitor interval	48
INTIHWIRATE	RATE	CPSM	4	AVG	No	Index buffer CWRITE rate for monitor interval	46
INTIREADRATE	RATE	CPSM	4	AVG	No	Index buffer read rate for monitor interval	44

Table 666. *MLSRPOOL* resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
INTIWRITRATE	RATE	CPSM	4	AVG	No	Index buffer write rate for monitor interval	42
<b>LSRPOOLID-1</b>	CHAR	STAT	2	DIFF	Yes	LSR pool id	7
MAXCCURSTR	BINARY	STAT	2	AVG	No	Peak number of concurrent active strings	49
MAXKEYLEN	BINARY	STAT	2	AVG	No	Maximum key length	4
PEAKWAITREQ	BINARY	STAT	2	AVG	No	Peak number of requests waiting	6
TOTSTRINGS	BINARY	STAT	2	AVG	No	Total number of strings	5
TOTWAITREQ	BINARY	STAT	4	AVG	No	Total number of string waits	8

## MMODNAME Resource Table

A CICS Monitored resource that describes a subset of the modename attributes sampled by the CICSplex SM MAS Monitor agents.

While the MMODNAME resource class identifies multiple key attributes, only the CONNECTION attribute can be specified in an EVALDEF INSTANCE attribute.

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

### External resource name

#### Length

48

#### Usage

API or EVALDEF

#### API view

Yes

#### CMAS context

No

#### SCOPE applies

Yes

#### Only query CMASs in workload

No

#### Object type

CICS Monitored

#### Copybook identifier

EYUt1376

Table 667. Valid CPSM operations

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

Table 667. Valid CPSM operations (continued)

RESET	None	N/A
-------	------	-----

Table 668. MMODNAME FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 669. MMODNAME resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
<b>CONNECTION-1</b>	CHAR	INQ	4	DIFF	Yes	Connection name	3
CONNSTATUS	CVDAS	INQ	4	LIKE	No	Connection status	4
CONNSTATUS Output valid values	RELEASED, OBTAINING, ACQUIRED, FREEING, AVAILABLE						
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
<b>NAME-2</b>	CHAR	INQ	8	DIFF	Yes	Mode name	2
SESSACTV	BINARY	INQ	2	SUM	No	Number of active sessions	5
SESSAVAIL	BINARY	INQ	2	SUM	No	Number of sessions available	6
SESSMAX	BINARY	INQ	2	MAX	No	Maximum number of sessions	7
SESSMAXWIN	CNUMERIC	INQ	2	MAX	No	Maximum number of contention winner sessions	8

## MNTRATDQ Resource Table

A CICS Monitored resource that describes a subset of the intrapartition transient data queue attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

### External resource name

### Length

72

**Usage** API or EVALDEF

**API view**  
 Yes  
**CMAS context**  
 No  
**SCOPE applies**  
 Yes  
**Only query CMASs in workload**  
 No  
**Object type**  
 CICS Monitored  
**Copybook identifier**  
 EYUt1385

Table 670. Valid CPSM operations

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

Table 671. MNTRATDQ FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 672. MNTRATDQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ATIFACILITY	CVDAS	INQ	4	LIKE	No	ATI facility	3
ATIFACILITY Output valid values	TERMINAL, NOTERMINAL						
ATITERMID	CHAR	INQ	4	DIFF	No	ATI terminal identifier	4
ATITRANID	CHAR	INQ	4	DIFF	No	ATI transaction identifier	5
ATIUSERID	CHAR	INQ	8	DIFF	No	ATI user identifier	12
CUROUTQRATE	RATE	CPSM	4	AVG	No	Output rate for current sample	10
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier	1
INTOUTQRATE	RATE	CPSM	4	AVG	No	Output rate for interval	11
NUMITEMS	BINARY	INQ	4	SUM	No	Number of items	7
OUTCNT	BINARY	STAT	4	SUM	No	Number of READ, WRITE, and DELETE requests	9
STATUS	CVDAS	INQ	4	LIKE	No	Enable status	6
STATUS Output valid values	ENABLED, DISABLED						
<b>TDQUEUE-1</b>	CHAR	INQ	4	DIFF	Yes	Queue identifier	2

Table 672. MNTRATDQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
TRIGGERLEVEL	BINARY	INQ	4	MAX	No	Trigger level	8

## MODENAME Resource Table

A CICS Resource that describes an LU6.2 modename in an active CICS system being managed by CICSplex SM.

While the MODENAME resource class identifies multiple key attributes, only the CONNECTION attribute can be specified in an EVALDEF INSTANCE attribute.

The following actions are supported:

### ACQUIRE

Acquire a modename.

### CLOSE

Close a modename.

These actions require no unique parameter data.

### External resource name

CICSLU62ModeName

### Length

48

**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

EYUt0007

Table 673. Valid CPSM operations

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

Table 674. MODENAME resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
AUTOCONN	CVDAS	INQ	4	LIKE	No	Autoconnect status	3
AUTOCONN Output valid values	ALLCONN, AUTOCONN, NONAUTOCONN						
<b>CONNECTION-1</b>	CHAR	INQ	4	DIFF	Yes	Connection name	2
CONNSTATUS	CVDAS	INQ	4	LIKE	Yes	Connection status	4
CONNSTATUS Input/output valid values	ACQUIRED						
CONNSTATUS Input valid values	CLOSED						
CONNSTATUS Output valid values	RELEASED, OBTAINING, FREEING, AVAILABLE						
<b>NAME-2</b>	CHAR	INQ	8	DIFF	Yes	Mode name	1
SESSACTV	BINARY	INQ	2	AVG	No	Number of active sessions	5
SESSAVAIL	BINARY	INQ	2	AVG	Yes	Number of sessions available	6
SESSMAX	BINARY	INQ	2	AVG	No	Maximum number of sessions	7
SESSMAXWIN	BINARY	INQ	2	AVG	No	Maximum number of contention winner sessions	8

## MONDEF Resource Table

A CPSM Monitor Definition that describes the monitoring requirements for a class of CICS resources. Monitoring requirements include both CICSplex SM resource and resource status facility status monitoring. The resource class and name selection criteria are identified by the attribute values.

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

The following action is supported:

### INSTALL

Install the definition into each active CICS system that has monitoring active within the specified scope. If provided the PERIODEF is used to determine the valid operational time of the MONDEF.

The parameter data for the INSTALL action is:

```
PARM('[PERIOD(period)].')
```

where:

period = The name of a PERIODEF definition.

The MONDEF is installed in each active CICS system in the current scope that has Monitoring active. If provided, the PERIODEF definition is used to determine the valid operational time of the MONDEF.

**External resource name**



**Length**  
 128  
**Usage** API or Batch Utility  
**API view**  
 No  
**CMAS context**  
 No  
**SCOPE applies**  
 No  
**Only query CMASs in workload**  
 No  
**Object type**  
 CICSPlex SM Definition  
**Copybook identifier**  
 EYUt3510

Table 675. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	PERIOD(value)	No
		SCOPE(value)	No
	ADDTOGRP	ACTIVETIME(value)	No
		RESGROUP(value)	Yes

Table 676. MONDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Name not found	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	21	PARTIAL_INSTALL	Partial install
22	MON_OFF	Monitoring off	23	NOT_INSTALLED	Not installed
24	INV_PERIOD	Period invalid			

Table 677. MONDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	No	Last modification agent			17
CHANGEAGENT Input/output valid values	DREPAPI									

Table 677. MONDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			19
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			18
DESC	CHAR	CPSM	58	No	DIFF	No	Description			9
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	16
INCLUDE	EYUDA	CPSM	4	Yes	LIKE	No	Inclusion in CPSM monitoring option	YES		8
INCLUDE Input/output valid values	YES, NO									
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name			5
RESCCLASS	EYUDA	CPSM	4	Yes	LIKE	No	Monitoring resource class			7
RESCCLASS Input/output valid values	MCONN, MFILE, MJRNL, MPROG, MTERM, MTRAN, MTDQS									
RESNAME	CHAR	CPSM	8	Yes	DIFF	No	Name or generic name of resource being monitored			6
RODMPOP	EYUDA	CPSM	4	Yes	LIKE	No	Resource status facility population	NO		11
RODMPOP Input/output valid values	YES, NO									

## MONGROUP Resource Table

A CPSM Monitor Definition that provides the association anchor for a set of MONDEF definitions. References to the MONGROUP are inferred to be references to the set of associated MONDEF instances.

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

The following action is supported:

## INSTALL

Install the set of MONDEF definitions in the group into each active CICS system that has monitoring active within the specified scope.

The INSTALL action requires no unique parameter data.

The set of MONDEFs is installed in each active CICS system in the current scope that has Monitoring active.

### External resource name

#### Length

112

**Usage** API or Batch Utility

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt3504

Table 678. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	SCOPE(value)	No
	ADDTOSPC	SPEC(value)	Yes

Table 679. MONGROUP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REF	Name not found	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	21	PARTIAL_INSTALL	Partial install
22	MON_OFF	Monitoring off	23	NOT_INSTALLED	Not installed
24	NOT_UNIQUE	Not unique			

Table 680. MONGROUP 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
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name			5

## MONINGRP Resource Table

A CPSM Monitor Definition that describes the membership of a monitor definition (MONDEF) in a monitor group (MONGROUP). A MONDEF can be a member of multiple MONGROUPS.

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

There are no object specific actions for this resource class.

**External resource name**

**Length**

64

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt5380

Table 681. Valid CPSM operations

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

Table 682. MONINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed			

Table 683. MONINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
ACTIVETIME	CHAR	CPSM	8	No	DIFF	No	Period definition	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 modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
<b>DEFNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Monitor definition	6
<b>GROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Monitor group	5

## MONINSPC Resource Table

A CPSM Monitor Definition that describes the membership of a monitor group (MONGROUP) in a monitor specification (MONSPEC). A MONGROUP can be a member of multiple MONSPECS.

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

There are no object specific actions for this resource class.

### External resource name

#### Length

56

**Usage** API or Batch Utility

#### API view

No

**CMAS context**  
No

**SCOPE applies**  
No

**Only query CMASs in workload**  
No

**Object type**  
CICSplex SM Definition

**Copybook identifier**  
EYUt5121

Table 684. Valid CPSM operations

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

Table 685. MONINSPC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
2	REC_NOT_FOUND	Requested resource not found	3	INV_REFERENCE	Attribute references an invalid resource
4	REC_EXISTS	Resource already exists			

Table 686. MONINSPC 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
<b>GROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Monitor group	6
<b>SPEC-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Monitor specification	5

## MONITOR Resource Table

This CICS resource provides CICS monitoring and statistics information in an active system being managed by CICSplex SM.

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

This resource class has no object specific actions.

**External resource name**  
CICSMonitoringAndStatistics

**Length**  
288

**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**  
EYUt0125

Table 687. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	STATISTICS	ALL	No
		ATOMSERVICE	No
		AUTOINSTALL	No
		BEAN	No
		BUNDLE	No
		CAPTURESPEC	No
		CONNECTION	No
		CORBASERVER	No
		DB2	No
		DISPATCHER	No
		DOCTEMP	No
		ENQUEUE	No
		EVENTBINDING	No
		EVENTPROCESS	No
		FEPI	No
		FILE	No
		IPCONN	No
		JOURNAL	No
		JVMPPOOL	No
		JVMPROFILE	No
		JVMPROGRAM	No
		JVMSERVER	No
		LIBRARY	No
		LSRPOOL	No
		MONITOR	No
		MQCONN	No
		PIPELINE	No
		PROGAUTOINS	No
		PROGRAM	No
		PROGRAMDEF	No

Table 687. Valid CPSM operations (continued)

RECOVERY	No
REQUESTMODEL	No
RESETNOW	No
STATISTICS	No
STORAGE	No
STREAMNAME	No
SYSDUMP	No
TABLEMGR	No
TCPIP	No
TCPIPSERVICE	No
TEMPSTOR	No
TERMINAL	No
TRANCLASS	No
TRANDATA	No
TRANDUMP	No
TRANSACTION	No
URIMAP	No
VTAM	No
WEBSERVICE	No
XMLTRANSFORM	No

Table 688. MONITOR FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	_RESOURCE_REQUIRED	Resource required			

Table 689. MONITOR resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
APPLNAMEST	CVDAS	INQ	4	LIKE	No	Application naming option		59
APPLNAMEST Output valid values	NOAPPLNAME, APPLNAME							
COMPRESSST	CVDAS	INQ	4	LIKE	Yes	Compression status option		61
COMPRESSST Input/output valid values	COMPRESS, NOCOMPRESS							
CONVERSEST	CVDAS	INQ	4	LIKE	Yes	Performance record for conversational task option		1
CONVERSEST Input/output valid values	CONVERSE, NOCONVERSE							
DPLLIMIT	BINARY	INQ	2	SUM	Yes	Distributed program link limit	E640 E650	62
ENDOFDAY	DECIMAL	INQ	4	MAX	Yes	Statistics end-of-day time		38
EXCEPTCLASS	CVDAS	INQ	4	LIKE	Yes	Exception class status		2
EXCEPTCLASS Input/output valid values	EXCEPT, NOEXCEPT							



Table 689. MONITOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
FILELIMIT	BINARY	INQ	2	SUM	Yes	File resource limit	E640 E650	57
FREQUENCY	DECIMAL	INQ	4	MAX	Yes	Long-running task performance record frequency		3
IDNTYCLASS	CVDAS	INQ	4	LIKE	Yes	Identity class status	E640 E650	64
IDNTYCLASS Input/output valid values	IDNTY, NOIDNTY							
INTERVAL	DECIMAL	INQ	4	MAX	Yes	Statistics collection interval		37
MNGER	BINARY	STAT	4	AVG	No	Number of CMF exception records		14
MNGERS	BINARY	STAT	4	AVG	No	Number of CMF exception records suppressed by exit		15
MNGIR	BINARY	STAT	4	AVG	No	Number of CMF identity records	E640 E650	65
MNGIRS	BINARY	STAT	4	AVG	No	Number of CMF identity records suppressed by exit	E640 E650	66
MNGPR	BINARY	STAT	4	AVG	No	Number of CMF performance records		16
MNGPRS	BINARY	STAT	4	AVG	No	Number of performance records suppressed by exit		17
MNGRR	BINARY	STAT	4	AVG	No	Number of CMF resource records		20
MNGRRS	BINARY	STAT	4	AVG	No	Number of CMF resource records suppressed by exit		21
MNGSMFR	BINARY	STAT	4	AVG	No	Number of SMF records for CMF		18
MNGSMFRS	BINARY	STAT	4	AVG	No	Number of SMF errors for CMF		19
NUMCMF2SMF	RATE3	CPSM	8	AVG	No	Rate of SMF writes for CMF		41
NUMSTAT2SMF	RATE3	CPSM	8	AVG	No	Rate of SMF writes for statistics		42
PERFCLASS	CVDAS	INQ	4	LIKE	Yes	Performance class status		4
PERFCLASS Input/output valid values	PERF, NOPERF							
PEXCSUPR	PERCENT3	CPSM	4	AVG	No	Percent exception records suppressed to SMF writes		47
PIDNSUPR	PERCENT3	CPSM	4	AVG	No	Percent identity records suppressed to writes	E640 E650	67
PPERSUPR	PERCENT3	CPSM	4	AVG	No	Percent performance records suppressed to writes		48
PRESSUPR	PERCENT3	CPSM	4	AVG	No	Percent resource records suppressed to SMF writes		49
PSMFWERRC	PERCENT3	CPSM	4	AVG	No	Percentage of SMF errors to writes for CMF		43
PSMFWERRS	PERCENT3	CPSM	4	AVG	No	Percent of SMF errors to writes for statistics		44
PSTASUPR	PERCENT3	CPSM	4	AVG	No	Percent of statistics records suppressed to writes		50
RECORDING	CVDAS	INQ	4	LIKE	Yes	STATRCD recording		39
RECORDING Input/output valid values	ON, OFF							
RESRCECLASS	CVDAS	INQ	4	LIKE	Yes	Resource class status		5

Table 689. MONITOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
RESRCECLASS Input/output valid values	NORESRCE, RESRCE							
RMIST	CVDAS	INQ	4	LIKE	No	RMI option		60
RMIST Output valid values	NORMI, RMI							
RSMFWERRC	RATE3	CPSM	8	AVG	No	Rate of SMF write errors for CMF		45
RSMFWERRS	RATE3	CPSM	8	AVG	No	Rate of SMF write errors for statistics		46
RSMFWRITE	RATE3	CPSM	8	AVG	No	Rate of CMF and statistics records written to SMF		54
RSTAWRITE	RATE3	CPSM	8	AVG	No	Statistics write request rate before suppression		52
STATUS	CVDAS	INQ	4	LIKE	Yes	Monitoring status		6
STATUS Input/output valid values	ON, OFF							
STGCSTRT	TIMESTP	STAT	8	MAX	No	Statistics CICS start time		35
STGEODR	BINARY	STAT	4	AVG	No	Number of EOD statistics records		31
STGINTR	BINARY	STAT	4	AVG	No	Number of INT statistics records		30
STGLDW	BINARY	STAT	4	AVG	No	Length of statistics data written		27
STGLRT	TIMESTP	STAT	8	MAX	No	Statistics last reset time		36
STGNC	BINARY	STAT	4	AVG	No	Number of interval collections		25
STGREQR	BINARY	STAT	4	AVG	No	Number of REQ statistics records		33
STGRRTR	BINARY	STAT	4	AVG	No	Number of RRT statistics records		34
STGSMFE	BINARY	STAT	4	AVG	No	Number of SMF errors for statistics		29
STGSMFS	BINARY	STAT	4	AVG	No	Number of SMF writes suppressed for statistics		28
STGSMFW	BINARY	STAT	4	AVG	No	Number of SMF writes for statistics		26
STGUSSR	BINARY	STAT	4	AVG	No	Number of USS statistics records		32
SUBSYSTEMID	CHAR	INQ	4	DIFF	No	SYSEVENT class subsystem ID	E650P	LUS
SYNCPOINTST	CVDAS	INQ	4	LIKE	Yes	Performance record at syncpoint option		8
SYNCPOINTST Input/output valid values	SYNCPOINT, NOSYNCPOINT							
TIME	CVDAS	INQ	4	LIKE	No	Monitor reports clock value		9
TIME Output valid values	GMT, LOCAL							
TOTCICSSTAT	BINARY	CPSM	8	AVG	No	Total statistics records write attempts to SMF		51
TSMFWITES	BINARY	CPSM	8	AVG	No	Total number of SMF write requests		53
TSQUEUELIMIT	BINARY	INQ	2	SUM	Yes	Temporary storage queue limit	E640 E650	58

## MONSPEC Resource Table

A CPSM Monitor Definition that describes the control directives for monitoring a set of CICS systems. Using group associators, a MONSPEC object can determine which MONDEF instances are to be installed in each CICS system. Using scope link associators (LNKSMSCS), a MONSPEC object can determine which CICS systems fall under its processing scope. A CICS System can have a scope link associator to only one MONSPEC.

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

### External resource name

#### Length

168

**Usage** API or Batch Utility

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt3511

Table 690. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDSYSGRP	FORCE	Yes
		GROUP(value)	Yes
		NONE	Yes
		NULL	Yes
	ADDSYSDEF	SYSTEM(value)	Yes

Table 691. MONSPEC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	RODMCMAS_NOTFOUND	RODMCMAS Not Found	7	INV_REFERENCE	Does not exist

Table 691. MONSPEC FEEDBACK error codes (continued)

8	LNKASSOC_EXISTS	Association already exists
---	-----------------	----------------------------

Table 692. MONSPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ACTSTATUS	EYUDA	CPSM	4	Yes	LIKE	No	Monitor activation status	INACTIVE		27
ACTSTATUS Input/output valid values	ACTIVE, INACTIVE									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			31
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			34
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			33
CICSSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for CICS region monitoring	0	0-86400	8
CONNSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for connection monitoring	0	0-86400	14
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			32
DBXSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for DB2 and DBCTRL monitoring	0	0-86400	12
DESC	CHAR	CPSM	58	No	DIFF	No	Description			28
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	30
FILESAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for file monitoring	0	0-86400	16
GLBLSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for global region monitoring	0	0-86400	10

Table 692. MONSPEC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
JRNLSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for journal monitoring	0	0-86400	18
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Specification			5
PROGSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for program monitoring	0	0-86400	20
RETENTION	BINARY	CPSM	4	Yes	AVG	No	Data retention period	0	0-1440	6
RODMCMAS	CHAR	CPSM	8	No	DIFF	No	Resource status facility CMAS name			29
TDQSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for TDQ monitoring	0	0-86400	24
TERMSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for terminal monitoring	0	0-86400	22
TRANSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for transaction monitoring	0	0-86400	26

## MPROGRAM Resource Table

A CICS Monitored resource that describes a subset of the program attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

### External resource name

### Length

120

**Usage** API or EVALDEF

### API view

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1377

Table 693. Valid CPSM operations

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

Table 694. MPROGRAM FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 695. MPROGRAM 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	
CURAVGFETCH	INT16US	INQ	4	MAX	No	Average fetch time for current sample	22
CURRUSEPCT	PERCENT	CPSM	4	AVG	No	% of times program reused - current sample	10
CURUSERATE	RATE	CPSM	4	AVG	No	Program access rate for current sample	6
EXECKEY	CV DAS	INQ	4	LIKE	No	Program execution key	13
EXECKEY Output valid values	CICSEXECKEY, USEREXECKEY, NOTAPPLIC						
FETCHCNT	BINARY	STAT	4	AVG	No	Number of times program loaded into storage	9
FETCHTIME	INT16US	STAT	4	AVG	No	Total time for all program fetches	20
HOLDSTATUS	CV DAS	INQ	4	LIKE	No	Hold status	15
HOLDSTATUS Output valid values	HOLD, NOHOLD, NOTAPPLIC						
INTAVGFETCH	INT16US	INQ	4	MAX	No	Average fetch time for monitor interval	23
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTRUSEPCT	PERCENT	CPSM	4	AVG	No	% of times program reused - monitor interval	11
INTUSERATE	RATE	CPSM	4	AVG	No	Program access rate for monitor interval	7
LENGTH	BINARY	INQ	4	AVG	No	Program length	17
LPASTAT	CV DAS	INQ	4	LIKE	No	Link pack area (LPA) status	18

Table 695. MPROGRAM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
LPASTAT Output valid values	LPA, NOTLPA, NOTAPPLIC						
NEWCOPYCNT	CNUMERIC	STAT	4	AVG	No	Number of NEWCOPY requests issued	3
<b>PROGRAM-1</b>	CHAR	INQ	8	DIFF	Yes	Program name	2
PROGTYPE	CV DAS	INQ	4	LIKE	No	Program type	19
PROGTYPE Output valid values	PROGRAM, MAP, PARTITIONSET						
REMOVECNT	CNUMERIC	STAT	4	AVG	No	Number of times removed by program compression	21
RESCOUNT	BINARY	INQ	4	AVG	No	Number of times program currently accessed	8
RPLID	CNUMERIC	STAT	4	AVG	No	DFHRPL data set number	16
SHARESTATUS	CV DAS	INQ	4	LIKE	No	Share status	14
SHARESTATUS Output valid values	PRIVATE, SHARED, NOTAPPLIC						
STATUS	CV DAS	INQ	4	LIKE	No	Enabled status	12
STATUS Output valid values	ENABLED, DISABLED						
USEAGELSTAT	CNUMERIC	STAT	4	AVG	No	Number of times program accessed since last reset	5
USECOUNT	BINARY	INQ	4	SUM	No	Total number of times program executed	4

## MQCINGRP Resource Table

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

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

There are no object specific actions for this resource class.

### External resource name

#### Length

56

**Usage** API or Batch Utility

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

**Copybook identifier**  
EYUt6185

Table 696. Valid CPSM operations

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

Table 697. MQCINGRP FEEDBACK error codes

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

Table 698. MQCINGRP 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
<b>MQCGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>MQCNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	MQ Connection definition name	6
<b>MQCVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	MQConnection definition version	7

## MQCON Resource Table

A CICS Resource that provides information about the WebSphere MQ connection definition (MQCONN resource definition) for the CICS system.

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

The following actions are supported:

**CONNECT**

Connect to WebSphere MQ.

**DISCONNECT**

Disconnect from WebSphere MQ.



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 WebSphere MQ connection busy condition:

WAIT  
NOWAIT  
FORCE

**DISCARD**

Discard the WebSphere MQ connection definition.

**External resource name**

CICSMQConnection

**Length**

352

**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**

EYUt0184

Table 699. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	CONNECT	None	N/A
	DISCONNECT	BUSY(WAIT   NOWAIT   FORCE)	Yes
	DISCARD	None	N/A

Table 700. MQCON resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	53
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		45
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC							
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		46
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		47

Table 700. MQCON resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		44
CONNECTST	CVDAS	INQ	4	LIKE	No	Connection status		10
CONNECTST Input/output valid values	CONNECTED, NOTCONNECTED							
CONNECTST Output valid values	CONNECTING, DISCONNING							
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		48
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		49
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		52
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST							
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		51
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		50
MQGGMTCONN	DATETIME	INQ	8	MAX	No	GMT connection time		39
MQGGMTDISC	DATETIME	INQ	8	MAX	No	GMT disconnect time		41
MQGINDBTUOW	BINARY	STAT	4	AVG	No	Number of indoubt units of work		30
MQGINITQ	CHAR	STAT	48	DIFF	No	Initiation queue name		13
MQGLOCCONN	DATETIME	INQ	8	MAX	No	Local connection time		40
MQGLOCDISC	DATETIME	INQ	8	MAX	No	Local disconnect time		42
MQGRESBACUW	BINARY	STAT	4	AVG	No	Number of resolved backout units of work		33
MQGRESCOMUW	BINARY	STAT	4	AVG	No	Number of resolved committed units of work		32
MQGT2PCOMM	BINARY	STAT	4	AVG	No	Number of two phase commit operations		38
MQGTAPI	BINARY	STAT	4	AVG	No	Number of MQ API calls since MQ connected		15
MQGTAPIOK	BINARY	STAT	4	AVG	No	Number of MQ API calls completed successfully		16
MQGTBACKUOW	BINARY	STAT	4	AVG	No	Number of backout units of work		34
MQGTBUFMH	BINARY	STAT	4	AVG	No	Number of MQBUFMH requests		67
MQGTCALL	BINARY	STAT	4	AVG	No	Number of internal MQ calls		17
MQGTCALLIO	BINARY	STAT	4	AVG	No	Number of MQ calls that needed I/O		19
MQGTCALLSYNC	BINARY	STAT	4	AVG	No	Number of MQ calls that completed synchronously		18
MQGTQCB	BINARY	STAT	4	AVG	No	Number of MQQCB requests		55
MQGTQCLOSE	BINARY	STAT	4	AVG	No	Number of MQQCLOSE requests		23
MQGTCOMMUOW	BINARY	STAT	4	AVG	No	Number of committed units of work		35
MQGTCONSUME	BINARY	STAT	4	AVG	No	Number of messages consumed		56
MQGTQRTMH	BINARY	STAT	4	AVG	No	Number of MQQRTMH requests		61

Table 700. MQCON resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
MQGTCTL	BINARY	STAT	4	AVG	No	Number of MQCTL requests		57
MQGDTLTMH	BINARY	STAT	4	AVG	No	Number of MQDLTMH requests		62
MQGDTLTMP	BINARY	STAT	4	AVG	No	Number of MQDLTMP requests		65
MQGTFTATT	BINARY	STAT	4	AVG	No	Number of MQ API calls when MQ was not connected		14
MQGTGET	BINARY	STAT	4	AVG	No	Number of MQGET requests		24
MQGTGETWAIT	BINARY	STAT	4	AVG	No	Number of MQGET with wait requests		25
MQGTINQ	BINARY	STAT	4	AVG	No	Number of MQINQ requests		28
MQGTINQMP	BINARY	STAT	4	AVG	No	Number of MQINQMP requests		64
MQGTMHBUF	BINARY	STAT	4	AVG	No	Number of MQMHBUFF requests		66
MQGTOPEN	BINARY	STAT	4	AVG	No	Number of MQOPEN requests		22
MQGTPUT	BINARY	STAT	4	AVG	No	Number of MQPUT requests		26
MQGTPUT1	BINARY	STAT	4	AVG	No	Number of MQPUT1 requests		27
MQGTSET	BINARY	STAT	4	AVG	No	Number of MQSET requests		29
MQGTSETMP	BINARY	STAT	4	AVG	No	Number of MQSETMP requests		63
MQGTSPCOMM	BINARY	STAT	4	AVG	No	Number of single phase commit operations		37
MQGTSTAT	BINARY	STAT	4	AVG	No	Number of MQSTAT requests		60
MQGTSUB	BINARY	STAT	4	AVG	No	Number of MQSUB requests		58
MQGTSUBRQ	BINARY	STAT	4	AVG	No	Number of MQSUBRQ requests		59
MQGTSTASK	BINARY	STAT	4	AVG	No	Number of MQ calls that had a TCB switch		21
MQGTTASKEND	BINARY	STAT	4	AVG	No	Number of completed tasks		36
MQGTWAITMSG	BINARY	STAT	4	AVG	No	Number of MQGET with wait requests that waited		20
MQGUNRESUOW	BINARY	STAT	4	AVG	No	Number of unresolved units of work		31
MQNAME	CHAR	INQ	4	DIFF	Yes	MQ queue manager or QSG name		2
MQQMGR	CHAR	INQ	4	DIFF	Yes	Connected Queue Manager name		3
MQRELEASE	CHAR	INQ	4	DIFF	No	MQ Release		8
<b>NAME-1</b>	CHAR	STAT	8	DIFF	Yes	MQ connection name		1
RESYNCMEMBER Input/output valid values	RESYNC, NORESYNC							
RESYNCMEMBER Output valid values	NOTAPPLIC							
TASKS	BINARY	INQ	4	AVG	No	Number of current tasks		11
TRIGMONTASKS	BINARY	INQ	4	AVG	No	Number of current trigger monitor tasks		12

## MQCONDEF Resource Table

A CICS Definition that describes the connection properties of a WebSphere MQ 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:

### **ADDTOGRP**

Add a resource to the specified resource group.

### **CSDCOPY**

Copy a CICS CSD resource definition.

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

### **CSDINSTALL**

Install a CICS CSD resource definition into an active system.

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

### **INSTALL**

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

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

### **External resource name**

CICSDefinitionMQConnection

### **Length**

200

**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**

CICS Definition

### **Copybook identifier**

EYUt3840

Table 701. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 701. Valid CPSM operations (continued)

GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
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
	ADDTOGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR   DUNNOREPLACE   DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 702. MQCONDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CV DAS	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
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	21
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	87	0-99999999		20
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				19
INITQNAME	CHAR	CPSM	48	No	DIFF	No	MQ initiation queue name				13

Table 702. MQCONDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
MQNAME	CHAR	CPSM	4	Yes	DIFF	No	MQ queue manager or QSG name				14
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				12
RESYNCMEMBER	EYUDA	CPSM	4	Yes	LIKE	No	Resynchronization Member				15
RESYNCMEMBER Input/output valid values	YES, NO										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				16
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				17
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				18

## MQCONN Resource Table

A CICS resource that describes a subset of the WebSphere MQ connection attributes sampled by the CICSplex SM MAS Monitor agents.

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

There are no object specific actions for this resource class.

**External resource name**

CICSMQConnectionStatistics

**Length**

288

**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**

EYUt0159

Table 703. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 704. MQCONN 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		
MQCONNECT	CHAR	STAT	8	DIFF	Yes	MQ connection name	E640 E650	35
MQGCONNSTAT	EYUDA	STAT	4	LIKE	No	MQ connection status		7
MQGCONNSTAT Output valid values	CONNECTED, NOTCONNECTED							
MQGINDBTUOW	BINARY	STAT	4	AVG	No	Number of indoubt units of work		26
MQGINITQ	CHAR	STAT	48	DIFF	No	Initiation queue name		8
MQGMQRELEASE	CHAR	STAT	4	DIFF	No	MQ Release		6
<b>MQQMGRNAME-1</b>	CHAR	STAT	48	DIFF	Yes	MQ queue manager name		1
MQGRESBACUW	BINARY	STAT	4	AVG	No	Number of resolved backout units of work		29
MQGRESCOMUW	BINARY	STAT	4	AVG	No	Number of resolved committed units of work		28
MQGT2PCOMM	BINARY	STAT	4	AVG	No	Number of two phase commit operations		34
MQGTAPI	BINARY	STAT	4	AVG	No	Number of MQ API calls since MQ connected		11
MQGTAPIOK	BINARY	STAT	4	AVG	No	Number of MQ API calls completed successfully		12
MQGTBACKUOW	BINARY	STAT	4	AVG	No	Number of backout units of work		30
MQGTBUFMH	BINARY	STAT	4	AVG	No	Number of MQBUFMH requests		48
MQGTCALL	BINARY	STAT	4	AVG	No	Number of internal MQ calls		13
MQGTCALLIO	BINARY	STAT	4	AVG	No	Number of MQ calls that needed I/O		15
MQGTCALLSYNC	BINARY	STAT	4	AVG	No	Number of MQ calls that completed synchronously		14
MQGTCB	BINARY	STAT	4	AVG	No	Number of MQCB requests		36
MQGTCLOSE	BINARY	STAT	4	AVG	No	Number of MQCLOSE requests		19
MQGTCOMMUOW	BINARY	STAT	4	AVG	No	Number of committed units of work		31
MQGTCONSUME	BINARY	STAT	4	AVG	No	Number of messages consumed		37
MQGTCTRMH	BINARY	STAT	4	AVG	No	Number of MQCRTMH requests		42
MQGTCTL	BINARY	STAT	4	AVG	No	Number of MQCTL requests		38
MQGTDLTMH	BINARY	STAT	4	AVG	No	Number of MQDLTMH requests		43
MQGTDLTMP	BINARY	STAT	4	AVG	No	Number of MQDLTMP requests		46
MQGTFTATT	BINARY	STAT	4	AVG	No	Number of MQ API calls when MQ was not connected		10
MQGTGET	BINARY	STAT	4	AVG	No	Number of MQGET requests		20
MQGTGETWAIT	BINARY	STAT	4	AVG	No	Number of MQGET with wait requests		21
MQGTINQ	BINARY	STAT	4	AVG	No	Number of MQINQ requests		24

Table 704. MQCONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
MQGTINQMP	BINARY	STAT	4	AVG	No	Number of MQINQMP requests		45
MQGTMHBUF	BINARY	STAT	4	AVG	No	Number of MQMHBUF requests		47
MQGTOPEN	BINARY	STAT	4	AVG	No	Number of MQOPEN requests		18
MQGTPUT	BINARY	STAT	4	AVG	No	Number of MQPUT requests		22
MQGTPUT1	BINARY	STAT	4	AVG	No	Number of MQPUT1 requests		23
MQGTSET	BINARY	STAT	4	AVG	No	Number of MQSET requests		25
MQGTSETMP	BINARY	STAT	4	AVG	No	Number of MQSETMP requests		44
MQGTSPCOMM	BINARY	STAT	4	AVG	No	Number of single phase commit operations		33
MQGTSTAT	BINARY	STAT	4	AVG	No	Number of MQSTAT requests		41
MQGTSUB	BINARY	STAT	4	AVG	No	Number of MQSUB requests		39
MQGTSUBRQ	BINARY	STAT	4	AVG	No	Number of MQSUBRQ requests		40
MQGTSUBTASK	BINARY	STAT	4	AVG	No	Number of MQ calls that had a TCB switch		17
MQGTTASKEND	BINARY	STAT	4	AVG	No	Number of tasks		32
MQGTTASKS	BINARY	STAT	4	AVG	No	Number of current tasks		9
MQGTWAITMSG	BINARY	STAT	4	AVG	No	Number of MQGET with wait requests that waited		16
MQGUNRESUOW	BINARY	STAT	4	AVG	No	Number of unresolved units of work		27

## MQINI Resource Table

A CICS Resource that names the default initiation queue for the CICS-WebSphere MQ connection. CICS installs this resource implicitly when you create a WebSphere MQ connection definition for the 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**

CICSMQInitiationQueue

**Length**

136

**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**  
EYUt0185

*Table 705. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A

*Table 706. MQINI 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		E640 E650	4
CHANGEAGENT Input/output valid values	AUTOINSTALL, DYNAMIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	5
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time			6
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	3
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	7
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time			8
INITQNAME	CHAR	INQ	48	DIFF	Yes	MQ initiation queue name			2
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	11
INSTALLAGENT Input/output valid values	AUTOINSTALL, DYNAMIC								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time			10
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	9
<b>NAME-1</b>	CHAR	INQ	8	DIFF	Yes	MQ initiation queue resource name			1

## MREMFIL Resource Table

A CICS Monitored resource that describes a subset of the remote file attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name**

**Length**

88

**Usage** API or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1373

Table 707. Valid CPSM operations

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

Table 708. MREMFIL FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 709. MREMFIL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ADDCNT	BINARY	STAT	4	AVG	No	Number of WRITE requests	10
BROWSECNT	BINARY	STAT	4	AVG	No	Number of READNEXT and READPREV requests	9
CURREQRATE	RATE	CPSM	4	AVG	No	Request rate for current sample	13
ENABLESTATUS	CVDAS	INQ	4	LIKE	No	Enable status	5
ENABLESTATUS Output valid values	ENABLED, DISABLED, UNENABLED, DISABLING						
<b>FILE-1</b>	CHAR	INQ	8	DIFF	Yes	File ID	2

Table 709. MREMFIL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
GETCNT	BINARY	STAT	4	AVG	No	Number of READ Requests	7
GETUPDCNT	BINARY	STAT	4	AVG	No	Number of READ UPDATE requests	8
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTREQRATE	RATE	CPSM	4	AVG	No	Request rate for monitor interval	14
REMDELCONT	BINARY	STAT	4	AVG	No	Number of DELETE requests	6
REMOTENAME	CHAR	INQ	8	DIFF	No	Remote file name	3
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name	4
TOTLREQCNT	BINARY	CPSM	4	AVG	No	Total number of all requests	12
UPDATECNT	BINARY	STAT	4	AVG	No	Number of REWRITE requests	11

## MREMTDQ Resource Table

A CICS Monitored resource that describes a subset of the remote transient data queue attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

### External resource name

#### Length

48

**Usage** API or EVALDEF

#### API view

Yes

#### CMAS context

No

#### SCOPE applies

Yes

#### Only query CMASs in workload

No

#### Object type

CICS Monitored

#### Copybook identifier

EYUt1387

Table 710. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 710. Valid CPSM operations (continued)

PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Table 711. MREMTDQ FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 712. MREMTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CUROUTQRATE	RATE	CPSM	4	AVG	No	Output rate for current sample	6
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier	1
INTOUTQRATE	RATE	CPSM	4	AVG	No	Output rate for interval	7
OUTCNT	BINARY	STAT	4	SUM	No	Number of READ, WRITE, and DELETE requests	5
REMOTENAME	CHAR	INQ	4	DIFF	No	Remote name	3
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name	4
<b>TDQUEUE-1</b>	CHAR	INQ	4	DIFF	Yes	Queue identifier	2

## MREMTRAN Resource Table

A CICS Monitored resource that describes a subset of the remote transaction attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

### External resource name

### Length

80

**Usage** API or EVALDEF

### API view

Yes

### CMAS context

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1381

Table 713. Valid CPSM operations

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

Table 714. MREMTRAN FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 715. MREMTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CURAVGRES	AVERAGE	CPSM	4	MAX	No	Average response time for current sample	10
CURTRANRATE	RATE	CPSM	4	SUM	No	Transaction rate for current sample	7
INTAVGRES	AVERAGE	CPSM	4	MAX	No	Average response time for monitor interval	11
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTTRANRATE	RATE	CPSM	4	SUM	No	Transaction rate for monitor interval	8
IRIOTIME	INT16US	CMF	4	AVG	No	Interregion wait time	12
REMOTECNT	CNUMERIC	STAT	4	SUM	No	Number of times transaction run remotely	5
REMOTENAME	CHAR	INQ	4	DIFF	No	Remote transaction ID	3
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name	4
REMSTARTCNT	CNUMERIC	STAT	4	AVG	No	Number of times transaction started	14
RESPTIME	BINARY	CMF	4	AVG	No	Response time	9
TRANCLASS	CHAR	INQ	8	DIFF	No	Transaction class name	13
<b>TRANID-1</b>	CHAR	INQ	4	DIFF	Yes	Transaction	2
USECOUNT	BINARY	STAT	4	SUM	No	Number of times transaction has been used	6

**MTDQGBL Resource Table**

A CICS Monitored resource that describes a subset of the transient data queue attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name**

**Length**

160

**Usage** API or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1383

Table 716. Valid CPSM operations

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

Table 717. MTDQGBL FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 718. MTDQGBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ACCESSCNT	BINARY	STAT	4	AVG	Number of intrapartition accesses	4

Table 718. MTDQGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
BUFFERS	BINARY	STAT	4	AVG	Number of intrapartition buffers	2
BUFFWAITS	BINARY	STAT	4	AVG	Number of intrapartition buffer waits	8
CINUM	BINARY	STAT	4	AVG	Number of control intervals	11
CISIZE	BINARY	STAT	4	AVG	Control interval size	10
CURACCNT	RATE	CPSM	4	AVG	Intrapartition access rate for current sample	5
CURBUFFWAIT	CNUMERIC	STAT	4	AVG	Number of current buffer waits	30
CURBUFVALDA	CNUMERIC	STAT	4	AVG	Number of current buffers with valid data	31
CURCONBUFAC	CNUMERIC	STAT	4	AVG	Number of current concurrent buffer accesses	29
CURCONSTRAC	CNUMERIC	STAT	4	AVG	Number of current concurrent string accesses	32
CURFULLPER	PERCENT	CPSM	4	AVG	Percentage buffer-full time for current sample	14
CURREADRATE	RATE	CPSM	4	AVG	Read rate for current sample	20
CURSTRWAITS	CNUMERIC	STAT	4	AVG	Number of current string waits	33
CURWRITRATE	RATE	CPSM	4	AVG	Write rate for current sample	18
FMTWRITE	BINARY	STAT	4	AVG	Number of formatting writes	22
INTACCNT	RATE	CPSM	4	AVG	Intrapartition access rate for monitor interval	6
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	1
INTFULLPER	PERCENT	CPSM	4	AVG	Percentage buffer-full time for monitor interval	15
INTREADRATE	RATE	CPSM	4	AVG	Read rate for monitor interval	21
INTWRITRATE	RATE	CPSM	4	AVG	Write rate for monitor interval	19
IOERRS	BINARY	STAT	4	AVG	Number of I/O errors	23
NOSPACECNT	BINARY	STAT	4	AVG	Number of times NOSPACE occurred	13
NUMCTRLINTV	CNUMERIC	STAT	4	AVG	Number of control intervals in use	34
PEAKBWAIT	BINARY	STAT	4	AVG	Peak number of intrapartition buffer waits	9
PEAKCACCESS	BINARY	STAT	4	AVG	Peak number of concurrent intrapartition accesses	7
PEAKCIUSE	BINARY	STAT	4	AVG	Peak number of control intervals used	12
PEAKQACTV	BINARY	STAT	4	AVG	Peak number of queues that contain data	3
PEAKSTRACC	BINARY	STAT	4	AVG	Peak number of concurrent string accesses	26
PEAKSTRWAIT	BINARY	STAT	4	AVG	Peak number of string waits	28
READS	BINARY	STAT	4	AVG	Number of reads from data set	17
STRACCESS	BINARY	STAT	4	AVG	Number of times string accessed	25
STRINGS	BINARY	STAT	4	AVG	Number of strings	24
STRNGWAITS	BINARY	STAT	4	AVG	Number of string waits	27
WRITES	BINARY	STAT	4	AVG	Number of writes to data set	16

## MTERMNL Resource Table

A CICS Monitored resource that describes a subset of the terminal attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name**

**Length**

136

**Usage** API or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1378

Table 719. Valid CPSM operations

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

Table 720. MTERMNL FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 721. MTERMNL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACQSTATUS	CVDAS	INQ	4	LIKE	No	Acquired status	26
ACQSTATUS Output valid values	ACQUIRED, RELEASED, ACQUIRING, NOTAPPLIC						
CURIMSGRATE	RATE	CPSM	4	AVG	No	Input message rate for current sample	11
CUROMSGRATE	RATE	CPSM	4	AVG	No	Output message rate for current sample	13
CURTRANRATE	RATE	CPSM	4	AVG	No	Transaction rate for current sample	16
DEVICE	CVDAT	INQ	4	LIKE	No	Device type	3



Table 721. MTERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
DEVICE Output valid values	BATCHLU, BIPROG, BISYNCH, CDRDLPRT, CONTNLU, HARDCOPY, INTACTLU, ISCMCONV, LUCMODGRP, LUCSESS, LUTYPE4, LUTYPE6, MAGTAPE, RESSYS, SDLC, SEQDISK, SYSTEM3, SYSTEM7, SYS7BSCA, TCONSOLE, TELETYPE, TTCAM, TWX3335, T1050, T1053, T2260L, T2260R, T2265, T2740, T2741BCD, T2741COR, T2770, T2780, T3275R, T3277L, T3277R, T3284L, T3284R, T3286L, T3286R, T3600BI, T3601, T3614, T3650ATT, T3735, T3650PIPE, T3650USER, T3653HOST, T3740, T3780, T3790, T3790SCSP, T3790UP, T7770, VIDEOTERM						
INPMSCCNT	BINARY	STAT	4	AVG	No	Number of input messages	9
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTMSGRATE	RATE	CPSM	4	AVG	No	Input message rate for monitor interval	12
INTOMSGRATE	RATE	CPSM	4	AVG	No	Output message rate for monitor interval	14
INTTRANRATE	RATE	CPSM	4	AVG	No	Transaction rate for monitor interval	17
LUNAME	CHAR	STAT	8	DIFF	No	LU name	24
NETNAME	CHAR	INQ	8	DIFF	No	Network name	7
OUTMSCCNT	BINARY	STAT	4	AVG	No	Number of output messages	10
PMSGCNT	CNUMERIC	STAT	4	AVG	No	Total pipeline-throwaway count	21
PMSGCONSEC	CNUMERIC	STAT	4	AVG	No	Maximum pipeline-throwaway count	23
PMSGGRPCNT	CNUMERIC	STAT	4	AVG	No	Number of consecutive pipeline-throwaways	22
POLLCNT	DECIMAL	STAT	4	AVG	No	Number of polls sent to terminal	8
REMTENAME	CHAR	INQ	4	DIFF	No	Name of terminal in remote CICS	5
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name	6
SERVSTATUS	CVDAS	INQ	4	LIKE	No	Service status	4
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE, GOINGOUT						
STGVCNT	CNUMERIC	STAT	4	AVG	No	Number of storage violations	18
STORAGE	CNUMERIC	STAT	4	AVG	No	Terminal input-output area (TIOA) storage	25
<b>TERMID-1</b>	CHAR	INQ	4	DIFF	Yes	Terminal ID	2
TERRCNT	BINARY	STAT	4	AVG	No	Number of transaction errors	20
TRANCNT	BINARY	STAT	4	AVG	No	Number of transactions	15
XERRCNT	BINARY	STAT	4	AVG	No	Number of transmission errors	19

## MTRANCLS Resource Table

A CICS Monitored resource that describes a subset of the transaction class attributes sampled by the CICSplex SM MAS Monitor agents.

The MTRANCLS resource class can be used to request object instances that were identified as MTCLASS objects in versions of CICS before 4.1.

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

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name**

**Length**

104

**Usage** API or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1400

Table 722. Valid CPSM operations

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

Table 723. MTRANCLS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 724. MTRANCLS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACCEPTAFTRQD	CNUMERIC	STAT	4	AVG	No	Number of transactions accepted after being queued	10
ACCEPTIMMED	CNUMERIC	STAT	4	AVG	No	Number of transactions accepted immediately	9
ACTIVE	BINARY	INQ	4	SUM	No	Number of transactions currently active in class	3
ACTIVEPEAK	BINARY	STAT	4	MAX	No	Peak number of active transactions	13
ATTACHES	CNUMERIC	STAT	4	AVG	No	Total number of attach requests	6
CURQUEDTIME	INTTSTP	STAT	8	AVG	No	Total time current transactions on queue	18
INSTALLDEFS	CNUMERIC	STAT	4	AVG	No	Number of transaction definitions installed	12
MAXACTIVE	BINARY	INQ	4	MAX	No	Maximum number of transactions allowed in class	2

Table 724. MTRANCLS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
<b>NAME-1</b>	CHAR	INQ	8	DIFF	Yes	Transaction class	1
PURGEIMMED	CNUMERIC	STAT	4	AVG	No	Number of transactions purged due to threshold	7
PURGETHRESH	CNUMERIC	INQ	4	AVG	No	Purge threshold	5
PURGEWHILEQD	CNUMERIC	STAT	4	AVG	No	Number of transactions purged while queued	11
PURGTHRTIMES	CNUMERIC	STAT	4	AVG	No	Number of times purge threshold met	16
QUEUED	CNUMERIC	INQ	4	AVG	No	Number of transactions currently queued	4
QUEUEDPEAK	CNUMERIC	STAT	4	AVG	No	Peak number of queued transactions	14
QUEUE TIME	INTTSTP	STAT	8	AVG	No	Total time transactions queued	17
TIMESATMAX	BINARY	STAT	4	MAX	No	Times maximum active transactions reached	15
TOTQUEDCNT	CNUMERIC	STAT	4	AVG	No	Total number of transactions queued	8

## MTSQGBL Resource Table

A CICS Monitored resource that describes a subset of the temporary storage queue attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

### External resource name

#### Length

248

**Usage** API or EVALDEF

#### API view

Yes

#### CMAS context

No

#### SCOPE applies

Yes

#### Only query CMASs in workload

No

#### Object type

CICS Monitored

**Copybook identifier**  
EYUt1388

Table 725. Valid CPSM operations

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

Table 726. MTSQGBL FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 727. MTSQGBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
AUXFULL	BINARY	STAT	4	AVG	Times auxiliary storage exhausted	23
BUFFERS	BINARY	STAT	4	AVG	Number of temporary storage buffers	26
BUFFWAITS	BINARY	STAT	4	AVG	Count of buffer waits	28
BUFREADS	BINARY	STAT	4	AVG	Buffer reads	32
BUFWRITES	BINARY	STAT	4	AVG	Buffer writes	30
BYTESPERCI	BINARY	STAT	4	AVG	Available bytes per control interval	50
BYTESPERSEG	BINARY	STAT	4	AVG	Bytes per segment	52
CINUM	BINARY	STAT	4	AVG	Number of control intervals in data set	21
CISINUSE	BINARY	STAT	4	AVG	Number of control intervals in use	47
CISIZE	BINARY	STAT	4	AVG	Control interval size	19
COMPRESSIONS	BINARY	STAT	4	AVG	Number of temporary storage compressions	46
CURAGETQRATE	RATE	CPSM	4	AVG	GetQ auxiliary rate current sample	13
CURAPUTQRATE	RATE	CPSM	4	AVG	PutQ auxiliary rate current sample	11
CURBHITRATE	RATE	CPSM	4	AVG	Buffer read hit rate for current sample	33
CURFULLPER	PERCENT	CPSM	4	AVG	Auxiliary storage % full for current sample	24
CURMGETQRATE	RATE	CPSM	4	AVG	GetQ main rate current sample	6
CURMPUTQRATE	RATE	CPSM	4	AVG	PutQ main rate current sample	4
CURREADRATE	RATE	CPSM	4	AVG	Read rate for current sample	37
CURRUWBFR	BINARY	STAT	4	AVG	Current users waiting on buffer	43
CURRUWSTR	BINARY	STAT	4	AVG	Current users waiting on string	42
CURWRITRATE	RATE	CPSM	4	AVG	Write rate for current sample	35
ENTLGQUE	BINARY	STAT	4	AVG	Entries in longest queue	16
EXTTHRESHOLD	BINARY	STAT	4	AVG	Queue extension threshold	53
FMTWRT	BINARY	STAT	4	AVG	Number of format writes	39
GETQAUX	BINARY	STAT	4	AVG	Get/GetQ auxiliary	10
GETQMAIN	BINARY	STAT	4	AVG	Get/Getq main	3
INTAGETQRATE	RATE	CPSM	4	AVG	GetQ auxiliary rate for interval	14

Table 727. MTSQGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
INTAPUTQRATE	RATE	CPSM	4	AVG	PutQ auxiliary rate for interval	12
INTBHITRATE	RATE	CPSM	4	AVG	Buffer read hit rate for interval	34
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval identifier	1
INTFULLPER	PERCENT	CPSM	4	AVG	Auxiliary storage % full for interval	25
INTMGETQRATE	RATE	CPSM	4	AVG	GetQ main rate for interval	7
INTMPUTQRATE	RATE	CPSM	4	AVG	PutQ main rate for interval	5
INTREADRATE	RATE	CPSM	4	AVG	Read rate for interval	38
INTWRITRATE	RATE	CPSM	4	AVG	Write rate for interval	36
IOERRS	BINARY	STAT	4	AVG	Number of I/O errors on DSN	44
LONGAUXREC	BINARY	STAT	4	AVG	Longest auxiliary record length	49
NAMESINUSE	BINARY	STAT	4	AVG	Number of temporary storage names in use	48
PEAKCIUSE	BINARY	STAT	4	AVG	Peak CIs used	22
PEAKQUES	BINARY	STAT	4	AVG	Peak queue names in use	15
PEAKSTG	BINARY	STAT	4	AVG	Peak storage	8
PEAKUSDSTR	BINARY	STAT	4	AVG	Peak strings in use	40
PEAKUWBUF	BINARY	STAT	4	AVG	Peak users waiting on buffers	29
PEAKUWSTR	BINARY	STAT	4	AVG	Peak users waiting on strings	41
PUTQAUX	BINARY	STAT	4	AVG	Put/PutQ auxiliary	9
PUTQMAIN	BINARY	STAT	4	AVG	Put/PutQ main	2
QUECRECNT	BINARY	STAT	4	AVG	Times queues created	17
QUEXTENDS	BINARY	STAT	4	AVG	Queue extensions created	18
SEGSPERCI	BINARY	STAT	4	AVG	Segments per control interval	51
SHRDPOOLCONN	CNUMERIC	STAT	4	AVG	Number of shared pools that CICS is connected to	55
SHRDPOOLDEF	CNUMERIC	STAT	4	AVG	Shared pools defined	54
SHRDREADREQ	CNUMERIC	STAT	4	AVG	Shared read requests	56
SHRDWRITEREQ	CNUMERIC	STAT	4	AVG	Shared write requests	57
STRINGS	BINARY	STAT	4	AVG	Number of temporary storage strings	27
STRINGWAIT	BINARY	STAT	4	AVG	Number of string waits	45
WRTFRECVR	BINARY	STAT	4	AVG	Buffer writes forced for recovery	31
WRTGTCISZ	BINARY	STAT	4	AVG	Writes greater than CISIZE	20

## MVSESTG Resource Table

A CICS Resource that describes an MVS storage element for a TCB in the CICS address space.

The key for this resource is a composite element.

There are no object specific actions for this resource class.

### External resource name

CICSMVSSStorageArea

### Length

40

**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**  
EYUt0141

Table 728. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 729. MVSESTG resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
<b>ELEMENTADDR-2</b>	HEX	INQ	4	MAX	Yes	Storage element address		2
ELEMENTLEN	BINARY	INQ	4	SUM	No	Element length		3
INUSELENGTH	BINARY	INQ	4	AVG	No	Element length in use	E640	6
STORAGEKEY	BINARY	INQ	4	AVG	No	Storage key	E640	5
SUBPOOLNUM	BINARY	INQ	4	AVG	No	Subpool number		4
<b>TCBADDRESS-1</b>	HEX	INQ	4	MAX	Yes	Address of MVS TCB		1

## MVSTCBGL Resource Table

A CICS Resource that provides information about all the MVS TCBs in the CICS address space.

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

There are no object specific actions for this resource class.

**External resource name**  
CICSGlobalMVSTCBStatistics

**Length**  
72

**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**  
EYUt0143

Table 730. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 731. MVSTCBGL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
CICSTCBCOUNT	BINARY	STAT	4	SUM	Current CICS TCBs	1
CICSTCBSTGA	BINARY	STAT	4	SUM	Storage above 16M for CICS TCBs	7
CICSTCBSTGAI	BINARY	STAT	4	SUM	Storage in use above 16M	13
CICSTCBSTGB	BINARY	STAT	4	SUM	Storage below 16M for CICS TCBs	5
CICSTCBSTGBI	BINARY	STAT	4	SUM	Storage below 16M in use by CICS TCBs	12
CICSTCBTIME	INTTSTP	STAT	8	SUM	CPU time used by current attached CICS TCBs	3
NCICSTCBSGAI	BINARY	STAT	4	SUM	Storage above 16M in use by non-CICS TCBs	15
NCICSTCBSTGBI	BINARY	STAT	4	SUM	Storage in use below 16M	14
NCICSTCBSTGA	BINARY	STAT	4	SUM	Storage above 16M for non-CICS TCBs	8
NCICSTCBSTGB	BINARY	STAT	4	SUM	Storage below 16M for non-CICS TCBs	6
NCICSTCBTIME	INTTSTP	STAT	8	SUM	CPU time used by current attached non-CICS TCBs	4
NONCICSTCBCT	BINARY	STAT	4	SUM	Current non-CICS TCBs	2

## MVSTCB Resource Table

A CICS Resource that describes an MVS TCB in the CICS address space.

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

There are no object specific actions for this resource class.

**External resource name**  
CICSMVSTCB

**Length**  
72

**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**  
 EYUt0142

Table 732. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 733. MVSTCB resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
<b>TCBADDRESS-1</b>	HEX	STAT	4	MAX	Yes	TCB address	1
TCBCICSTASK	DECIMAL	STAT	4	MAX	No	CICS task number	9
TCBCPUTIME	INTTSTP	STAT	8	MAX	No	CPU time used by the TCB	4
TCBDAUGHTER	HEX	STAT	4	MAX	No	Daughter TCB	8
TCBMOTHER	HEX	STAT	4	MAX	No	Mother TCB	6
TCBNAME	CHAR	STAT	8	DIFF	No	TCB name	2
TCBSISTER	HEX	STAT	4	MAX	No	Sister TCB	7
TCBSTGABOVE	BINARY	STAT	4	SUM	No	Private storage allocated above 16M	5
TCBSTGAINUSE	BINARY	STAT	4	SUM	No	Private storage in use above 16M	15
TCBSTGBELOW	BINARY	STAT	4	SUM	No	Private storage allocated below 16M	3
TCBSTGBINUSE	BINARY	STAT	4	SUM	No	Private storage in use below 16M	14
TCBTYPE	CVDAS	STAT	4	LIKE	No	TCB type	13
TCBTYPE Output valid values	CICS, NONCICS						

## MVSWLM Resource Table

### MVSWLM Resource Table

A CICS Resource that provides the MVS workload manager (WLM) information in an active system being managed by CICSplex SM.

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



There are no object specific actions for this resource class.

**External resource name**  
CICSMVSWLM

**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**  
EYUt0126

Table 734. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 735. MVSWLM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MNGWLMCC	EYUDA	STAT	4	LIKE	CPU critical	14
MNGWLMCC Output valid values	YES, NO					
MNGWLMGI	BINARY	STAT	2	SUM	Goal importance	16
MNGWLMGT	EYUDA	STAT	4	LIKE	Goal type	12
MNGWLMGT Output valid values	VELOCITY, DISCRETIONRY, SYSTEM					
MNGWLMGV	BINARY	STAT	4	SUM	Velocity goal value	13
MNGWLMMD	EYUDA	STAT	4	LIKE	Goal mode	5
MNGWLMMD Output valid values	YES, NO					
MNGWLMRC	CHAR	STAT	8	DIFF	Report class	9
MNGWLMRG	CHAR	STAT	8	DIFF	Resource group	10
MNGWLMSC	CHAR	STAT	8	DIFF	Service class	8
MNGWLMSC	EYUDA	STAT	4	LIKE	Storage critical	15

Table 735. MVSWLM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
MNGWLMSK Output valid values	YES, NO					
MNGWLMST	EYUDA	STAT	4	LIKE	WLM server	6
MNGWLMST Output valid values	YES, NO					
MNGWLMWN	CHAR	STAT	8	DIFF	Workload name	11

## MXTRATDQ Resource Table

A CICS Monitored resource that describes a subset of the extrapartition transient data queue attributes sampled by the CICSplex SM MAS Monitor agents.

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

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name**

**Length**

48

**Usage** API or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1384

Table 736. Valid CPSM operations

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

Table 737. MXTRATDQ FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 738. MXTRATDQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CUROUTQRATE	RATE	CPSM	4	AVG	No	Output rate for current sample	6
ENABLESTATUS	CV DAS	INQ	4	LIKE	No	Enabled status	3
ENABLESTATUS Output valid values	ENABLED, DISABLED						
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier	1
INTOUTQRATE	RATE	CPSM	4	AVG	No	Output rate for interval	7
OPENSTATUS	CV DAS	INQ	4	LIKE	No	Open status	4
OPENSTATUS Output valid values	OPEN, CLOSED, OPENING, CLOSING, SWITCHING						
OUTCNT	BINARY	STAT	4	AVG	No	Number of READ and WRITE requests	5
<b>TDQUEUE-1</b>	CHAR	INQ	4	DIFF	Yes	Queue identifier	2

## OBJECT Resource Table

A CPSM MetaData resource that describes the existence of an object specific action for a CICSplex SM managed object

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

**External resource name**

CICSMetaDataAction

**Length**

96

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**  
CICSplex SM Metadata

**Copybook identifier**  
EYUt2579

Table 739. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 740. OBJECT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
<b>ACTION-3</b>	CHAR	CPSM	12	DIFF	Yes	Action name	6
APIPERFORM	CHAR	CPSM	1	LIKE	No	Valid for EXEC CPSM PERFORMValid for PERFORMNot valid for PERFORM	18
APIPERFORM Input/output valid values	Y (YES), N (NO)						
DESCRIPTION	CHAR	CPSM	50	DIFF	No	Description	15
ID	BINARY	CPSM	4	AVG	No	Action number	16
<b>OBJECT-1</b>	CHAR	CPSM	8	DIFF	Yes	Object name	4
PARMCOUNT	BINARY	CPSM	4	AVG	No	Parameter count	17
<b>TABLEVER-2</b>	BINARY	CPSM	2	AVG	Yes	Object table version	5
VALCICSES2	BIT	CPSM	1	LIKE	No	Not valid in CICS/ESA byte 2CICS for MVS/ESA 630CICS for MVS/ESA 640CICS for MVS/ESA 650CICS for MVS/ESA 660	13
VALCICSES2 Input/output valid values	128 (E630), 64 (E640), 32 (E650), 16 (E660)						
VALCICSESA	BIT	CPSM	1	LIKE	No	Not valid in CICS/ESACICS/MVS 212CICS/ESA 330CICS/ESA 410CICS for MVS/ESA 510CICS for MVS/ESA 520CICS for MVS/ESA 530CICS for MVS/ESA 610CICS for MVS/ESA 620	7
VALCICSESA Input/output valid values	128 (M212), 64 (E330), 32 (E410), 16 (E510), 8 (E520), 4 (E530), 2 (E610), 1 (E620)						
VALCICSOS2	BIT	CPSM	1	LIKE	No	Not valid in CICS OS/2CICS OS/2 201CICS OS/2 300CICS OS/2 310	9
VALCICSOS2 Input/output valid values	128 (O201), 64 (O300), 32 (O311)						
VALCICSVSE	BIT	CPSM	1	LIKE	No	Not valid in CICS/VSECICS/VSE 220CICS/VSE 230CICS/VSE 410	8
VALCICSVSE Input/output valid values	128 (V220), 64 (V230), 32 (V410)						
VALCICSWNT	BIT	CPSM	1	LIKE	No	Not valid in CICS for WindowsCICS for Windows 430CICS for Windows 500	12
VALCICSWNT Input/output valid values	128 (N430), 64 (N500)						

## OBJECT Resource Table

A CPSM MetaData resource that describes the characteristics of a CICSPlex SM managed object.

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

There are no object specific actions for this resource class.

**External resource name**

CICSMetaDataObject

**Length**

160

**Usage** API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSPlex SM Metadata

**Copybook identifier**

EYUt2578

Table 741. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 742. OBJECT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
APIPREFIX	CHAR	CPSM	1	LIKE	No	Requires API prefixRequiredNot required	42
APIPREFIX Input/output valid values	Y (YES), N (NO)						
CMASCONTEXT	CHAR	CPSM	1	DIFF	No	Context is CMASCMAS requiredCMAS not required	41
CMASCONTEXT Input/output valid values	Y (YES), N (NO)						
CREATEREL	CHAR	CPSM	4	DIFF	No	CPSM release object created	10
CURACTVAL	CHAR	CPSM	1	DIFF	No	Actions definedActions definedNo actions	29
CURACTVAL Input/output valid values	Y (YES), N (NO)						
CURCPSMREL	CHAR	CPSM	4	DIFF	No	CPSM release version created	20
CURCREVAL	CHAR	CPSM	1	DIFF	No	Create validValidNot valid	26

Table 742. OBJECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CURCREVAL Input/output valid values	Y (YES), N (NO)						
CURDESC	CHAR	CPSM	50	DIFF	No	Table description	38
CURGETVAL	CHAR	CPSM	1	DIFF	No	Get validValidNot valid	24
CURGETVAL Input/output valid values	Y (YES), N (NO)						
CURNUMATTR	BINARY	CPSM	2	AVG	No	Current number attributes	15
CURREMVAL	CHAR	CPSM	1	DIFF	No	Remove validValidNot valid	28
CURREMVAL Input/output valid values	Y (YES), N (NO)						
CURSETVAL	CHAR	CPSM	1	DIFF	No	Set validValidNot valid	25
CURSETVAL Input/output valid values	Y (YES), N (NO)						
CURSTGSIZE	BINARY	CPSM	2	AVG	No	Current table storage size	17
CURTLVER	BINARY	CPSM	2	AVG	No	Current table version	14
CURUPDVAL	CHAR	CPSM	1	DIFF	No	Update validValidNot valid	27
CURUPDVAL Input/output valid values	Y (YES), N (NO)						
CURVALES2	BIT	CPSM	1	LIKE	No	Not valid in CICS/ESA byte 2CICS for MVS/ESA 630CICS for MVS/ESA 640CICS for MVS/ESA 650CICS for MVS/ESA 660	45
CURVALES2 Input/output valid values	128 (E630), 64 (E640), 32 (E650), 16 (E660)						
CURVALESA	BIT	CPSM	1	LIKE	No	Not valid in CICS/ESACICS/MVS 212CICS/ESA 330CICS/ESA 410CICS for MVS/ESA 510CICS for MVS/ESA 520CICS for MVS/ESA 530CICS for MVS/ESA 610CICS for MVS/ESA 620	30
CURVALESA Input/output valid values	128 (M212), 64 (E330), 32 (E410), 16 (E510), 8 (E520), 4 (E530), 2 (E610), 1 (E620)						
CURVALOS2	BIT	CPSM	1	LIKE	No	Not valid in CICS OS/2CICS OS/2 201CICS OS/2 300CICS OS/2 310	32
CURVALOS2 Input/output valid values	128 (O201), 64 (O300), 32 (O311)						
CURVALRTA	CHAR	CPSM	1	DIFF	No	Valid for real time analysisValidNot valid	22
CURVALRTA Input/output valid values	Y (YES), N (NO)						
CURVALUTL	CHAR	CPSM	1	DIFF	No	Valid for batchValidNot valid	23
CURVALUTL Input/output valid values	Y (YES), N (NO)						
CURVALVSE	BIT	CPSM	1	LIKE	No	Not valid in CICS/VSECICS/VSE 220CICS/VSE 230CICS/VSE 410	31

Table 742. OBJECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CURVALVSE Input/output valid values	128 (V220), 64 (V230), 32 (V410)						
CURVALWNT	BIT	CPSM	1	LIKE	No	Not valid in CICS for WindowsCICS for Windows 430CICS for Windows 500	35
CURVALWNT Input/output valid values	128 (N430), 64 (N500)						
HIGHTBLVER	BINARY	CPSM	2	AVG	No	Highest known table version	7
ID	RESTYPE	CPSM	2	LIKE	No	Object resource type	46
MODELNAME	CHAR	CPSM	50	DIFF	No	Model name	47
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Yes	Object name	4
NUMTBLVER	BINARY	CPSM	2	AVG	No	Number of table elements known	6
OBJTYPE	CHAR	CPSM	1	DIFF	No	Object class typeCICS ResourceMonitored CICS ResourceCPSM DefinitionCPSM ResourceCPSM MetadataCPSM NotificationCICS Resource DefinitionCPSM Configuration Definition	12
OBJTYPE Input/output valid values	C (CICSRES), M (MONCRES), D (CPSMDEF), V (CPSMRES), O (METADEF), N (CPSMNTF), R (CICSDEF), L (CPSMCFG)						
OWNERNAME	CHAR	CPSM	3	DIFF	No	Owning major object name	9
QUERYREL	CHAR	CPSM	4	DIFF	No	CPSM release of querying CMAS	11
RELTBLVER	BINARY	CPSM	2	AVG	No	Table version at this CPSM release	8
SCOPEREQ	CHAR	CPSM	1	LIKE	No	Scope requiredScope requiredScope not required	44
SCOPEREQ Input/output valid values	Y (YES), N (NO)						
SCOPESORT	CHAR	CPSM	1	LIKE	No	Sort by scopeSort by scopeNo scope sort	43
SCOPESORT Input/output valid values	Y (YES), N (NO)						
VIEWMOD	CHAR	CPSM	1	DIFF	No	Eligible for SPECIFY VIEW commandValidNot valid	40
VIEWMOD Input/output valid values	Y (YES), N (NO)						

## OBJSTAT Resource Table

A CPSM MetaData resource that describes control status information about a resource table instance contained in a result set.

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

There are no object specific actions for this resource class.

OBJSTAT does not participate in summary operations.

**External resource name**  
CICSMetaDataObjectStatus

**Length**  
 256  
**Usage** API  
**API view**  
 No  
**CMAS context**  
 No  
**SCOPE applies**  
 No  
**Only query CMASs in workload**  
 No  
**Object type**  
 CICSplex SM Metadata  
**Copybook identifier**  
 EYUt2594

Table 743. Valid CPSM operations

Operations	Actions	Parameters	Required
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Table 744. OBJSTAT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CICSNAME	CHAR	CPSM	8	LIKE	No	CICS system name	3
CICSREL	CHAR	CPSM	4	LIKE	No	CICS release number	4
CNTRECORDS	BINARY	CPSM	4	LIKE	No	Detail record count for summary	10
CONTEXT	CHAR	CPSM	8	LIKE	No	Context	2
KEYDATA	CHAR	CPSM	44	LIKE	No	Native key	12
KEYLEN	BINARY	CPSM	2	LIKE	No	Length of key data	11
LASTOPER	BINARY	CPSM	1	LIKE	No	Last operation typeCopy operationDelete operationGet operationMark operationRefresh operationPerform Object operationPerform Set operationSet operationUnmark operation	8
LASTOPER Input/output valid values	1 (COPY), 2 (DELETE), 3 (GET), 4 (MARK), 5 (REFRESH), 6 (PERFOBJ), 7 (PERFSET), 8 (SET), 9 (UNMARK)						
OBJECT	CHAR	CPSM	8	LIKE	No	Object name	5
OBJTYPE	BINARY	CPSM	1	LIKE	No	Object typeCPSM ResourceLogical View	6
OBJTYPE Input/output valid values	1 (RESOURCE), 2 (VIEW)						
<b>RECORDNUM-1</b>	BINARY	CPSM	4	LIKE	Yes	Record number	1
RECTYPE	BINARY	CPSM	1	LIKE	No	Record typeDetail dataSummarized data	7
RECTYPE Input/output valid values	1 (DETAIL), 2 (SUMMARY)						
RESERVE1	CHAR	CPSM	170	LIKE	No	Reserved	13
STATUS	BIT	CPSM	1	LIKE	No	Record statusRecord markedOperation error	9
STATUS Input/output valid values	128 (MARKED), 1 (OPERERR)						



## PARINGRP Resource Table

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

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

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6151

Table 745. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 746. PARINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 747. PARINGRP 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
<b>PARTGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>PARTNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Partner definition name	6
<b>PARTVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	Partner definition version	7

## PARMAVA Resource Table

A CPSM MetaData resource that describes the allowable values for a parameter.

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

### External resource name

CICSMetaDataParameterValue

### Length

40

### Usage

API

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Metadata

### Copybook identifier

EYUt2635

Table 748. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 749. PARMAVA resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
LITERAL	CHAR	CPSM	12	DIFF	No	Parameter literal	6

Table 749. PARMAVA resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
<b>PARMAVAIDN-2</b>	BINARY	CPSM	4	AVG	Yes	AVA number for parameter	5
<b>PARMIDN-1</b>	BINARY	CPSM	4	AVG	Yes	Parameter number	4
VALUE	BINARY	CPSM	4	AVG	No	Parameter value in numeric form	7
VALUENAME	CHAR	CPSM	12	DIFF	No	Parameter value as character string	8

## PARTDEF Resource Table

A CICS Definition that describes a partner, which enables application programs to communicate via APPC protocols with a partner application on a remote logical unit.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### ADDTOGRP

Add a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

The parameter data for the CSDCOPY action is described in “Managing CICS definitions in the CSD” on page 14.

### CSDINSTALL

Install a CICS CSD resource definition into an active system.

The parameter data for the CSDINSTALL action is described in “Managing CICS definitions in the CSD” on page 14.

### INSTALL

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

The parameter data for the INSTALL action is described in “Parameters for installing CICS definitions using BAS” on page 17.

### External resource name

CICSDefinitionPartner

### Length

360

**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

CICS Definition

Copybook identifier

EYUt3806

Table 750. 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 SET	INSTALL	FORCEINS(YES NO)	No
		MODE(value)	No
		NOTIFY(NO INACTIVE REMOVE RELEASE FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET RELATED NONE 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 751. PARTDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install

Table 751. PARTDEF FEEDBACK error codes (continued)

31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid oertype	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 752. PARTDEF 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	19
CHANGEAGENT	DREPAPI Input/output valid values										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	21
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	20
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				13

Table 752. PARTDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	23
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	0-99999999		18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				17
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
NETNAME	CHAR	CPSM	8	Yes	DIFF	No	VTAM node name				8
NETWORK	CHAR	CPSM	8	No	DIFF	No	Network name				9
PROFILE	CHAR	CPSM	8	Yes	DIFF	No	Profile definition name	DFHCICSA			10
TPNAME	CHAR	CPSM	64	No	DIFF	No	Remote transaction program name (characters)				11
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				14
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				15
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				16
XTPNAME	CHAR	CPSM	128	No	DIFF	No	Remote transaction program name (hexadecimal)				12

## PARTNER Resource Table

A CICS Resource that describes a CPI-C partner table in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is PARTNER.

The following action is supported:

### DISCARD

Discard the partner definition

The DISCARD action requires no unique parameter data.

### External resource name

CICSPartner

### Length

120

**Usage** API 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**

EYUt0052

Table 753. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 754. PARTNER resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
NETNAME	CHAR	INQ	8	DIFF	No	Node where partner located	2
NETWORK	CHAR	INQ	8	DIFF	No	Network where partner located	3
<b>PARTNER-1</b>	CHAR	INQ	8	DIFF	Yes	Partner name	1
PROFILE	CHAR	INQ	8	DIFF	No	Profile name for partner	4
TPNAME	CHAR	INQ	64	DIFF	No	Remote transaction program name	5
TPNAMELEN	BINARY	INQ	2	AVG	No	Length of remote transaction program name	6

## PERIODEF Resource Table

A CPSM Communications Definition that describes a named period of time. Time periods are used to control when certain management application definitions are installed. They are also used to identify the expected operational period for CICS systems.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSPeriodDefinition

**Length**

112

**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**  
EYUt2811

Table 755. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

Table 756. PERIODEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed

Table 757. PERIODEF 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			12
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			15
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			14
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			13
DESC	CHAR	CPSM	58	No	DIFF	No	Description			10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	11
END	HHMM	CPSM	2	Yes	MAX	No	End time			7



Table 757. PERIODEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name			5
START	HHMM	CPSM	2	Yes	MAX	No	Start time			6
ZONE	CHAR	CPSM	1	Yes	DIFF	No	Time zone			9
ZONEADJ	BINARY	CPSM	1	Yes	AVG	No	Time zone adjustment factor	0		8

## PGMINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a program definition (PROGDEF) in a resource group (RESGROUP). A PROGDEF can be a member of multiple RESGROUPS.

The **Primary** key field for this resource class is PROGGROUP.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

**Usage** API or Batch Utility

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6154

Table 758. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 759. PGMINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type

Table 759. PGMINGRP FEEDBACK error codes (continued)

7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 760. PGMINGRP 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
<b>PROGGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>PROGNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Program definition name	6
<b>PROGVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	Program definition version	7

## PIPEDEF Resource Table

A CICS definition that describes the processing nodes that will act on a service request and on the response to it when a CICS application acts in the role of a Web-service provider or requester.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### ADDTOGRP

Add a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

The parameter data for the CSDCOPY action is described in “Managing CICS definitions in the CSD” on page 14.

### CSDINSTALL

Install a CICS CSD resource definition into an active system.

The parameter data for the CSDINSTALL action is described in “Managing CICS definitions in the CSD” on page 14.

**INSTALL**

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

The parameter data for the INSTALL action is described in “Parameters for installing CICS definitions using BAS” on page 17.

**External resource name**

CICSDefinitionPipeline

**Length**

1176

**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**

CICS Definition

**Copybook identifier**

EYUt3834

Table 761. 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 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
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR DUPNOREPLACE DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 762. PIPEDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
-------	------	-------------	-------	------	-------------

Table 762. PIPEDEF FEEDBACK error codes (continued)

1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 763. PIPEDEF 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	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
CONFIGFILE	CHAR	CPSM	255	Yes	DIFF	No	Configuration file name on HFS for this pipeline				14
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				9
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	25
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	87	0-99999999		18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				13
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
POLICYDIR	CHAR	CPSM	255	No	DIFF	No	Reserved area			E640	20
RESPWAIT	CHAR	CPSM	4	No	DIFF	No	Response wait time for Requester Pipeline (SSSS)	DEFT	0-9999	E640	19
RESPWAIT Input/output valid values	DEFT										
SHELF	CHAR	CPSM	255	No	DIFF	No	Name of a directory (shelf) for WSBind files	/var/cicsts			15
STATUS	CVDAS	CPSM	4	No	LIKE	No	ENABLED status	ENABLED			16
STATUS Input/output valid values	ENABLED, DISABLED										

Table 763. PIPEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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
WSDIR	CHAR	CPSM	255	No	DIFF	No	Name of the WSBind (pickup) directory on HFS				17

## PIPELINE Resource Table

A CICS resource that describes the processing nodes that will act on a service request and on the response to it when a CICS application acts in the role of a Web-service provider or requester.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**ENABLE**

Process inbound service requests normally.

**DISABLE**

Reject inbound service requests.

**DISCARD**

Remove this PIPELINE definition.

**SCAN** Scan the PIPELINE's web service binding directory.

**External resource name**

CICSPipeline

**Length**

1176

**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**  
EYUt0164

Table 764. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A
	DISCARD	None	N/A
	SCAN	None	N/A

Table 765. PIPELINE 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
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	22
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, 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	20
CIDDOMAIN	CHAR	INQ	8	DIFF	No	MIME content id domain name		E640	13
CONFIGFILE	CHAR	INQ	255	DIFF	No	Configuration file name on HFS for this pipeline			4
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
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Status			2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED								
ENABLESTATUS Output valid values	ENABLING, DISABLING, DISCARDING								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	24
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	29
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	28

Table 765. PIPELINE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
MTOMNOXOPST	EYUDA	INQ	4	LIKE	No	Use MTOM even when no XOP attachments are present		E640	16
MTOMNOXOPST Output valid values	YES, NO								
MTOMST	EYUDA	INQ	4	LIKE	No	SOAP MTOM status		E640	14
MTOMST Output valid values	SUPPORTED, NOTSUPPORTED								
<b>NAME-1</b>	CHAR	INQ	8	DIFF	Yes	Name			1
PIPEMODE	CVDAS	INQ	4	LIKE	No	Pipeline operation mode		E640	8
PIPEMODE Output valid values	REQUESTER, PROVIDER, UNKNOWN								
PIPEUSECOUNT	BINARY	STAT	4	SUM	No	Number of times pipeline has been used			3
POLICYDIR	CHAR	INQ	255	DIFF	No	Reserved area		E640	19
RESPWAIT	BINARY	INQ	4	LIKE	Yes	Response wait time for Requester Pipelines			9
SENDMTOMST	EYUDA	INQ	4	LIKE	No	Outbound SOAP message MTOM status		E640	15
SENDMTOMST Output valid values	YES, NO, SAME								
SHELF	CHAR	INQ	255	DIFF	No	Name of a directory (shelf) for WSBIND files			5
SOAPLEVEL	CHAR	INQ	8	DIFF	No	SOAP level supported by the pipeline		E640	12
SOAPRNUM	BINARY	INQ	4	LIKE	No	SOAP release number part of SOAPLEVEL		E640	11
SOAPVNUM	BINARY	INQ	4	LIKE	No	SOAP version number part of SOAPLEVEL		E640	10
WSDIR	CHAR	INQ	255	DIFF	No	Name of the WSBIND (pickup) directory on HFS			6
XOPDIRECTST	EYUDA	INQ	4	LIKE	No	Pipeline direct mode XOP status		E640	18
XOPDIRECTST Output valid values	SUPPORTED, NOTSUPPORTED								
XOPSUPPORTST	EYUDA	INQ	4	LIKE	No	Pipeline application handler XOP capability		E640	17
XOPSUPPORTST Output valid values	SUPPORTED, NOTSUPPORTED								

## PIPINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a pipeline definition (PIPEDEF) in a resource group (RESGROUP). A PIPEDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is PIPGROUP.



There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6179

Table 766. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 767. PIPINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 768. PIPINGRP 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 768. PIPINGRP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
<b>PIPGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>PIPNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Pipeline definition name	6
<b>PIPVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	Pipeline definition version	7

## POLMON Resource Table

A CPSM Monitor Manager object that describes a monitor definition installed in a specific CICS system.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### DISCARD

Unconditionally remove the installed definition.

### DEACTIVATE

Remove the installed definition honoring a PERIODEF.

These actions require no unique parameter data.

### External resource name

#### Length

56

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

Yes

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Manager

#### Copybook identifier

EYUt2406

Table 769. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD DEACTIVATE	None None	N/A N/A

Table 770. POLMON FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 770. POLMON FEEDBACK error codes (continued)

1	INV_DATA	Invalid name	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Does not exist	4	REC_EXISTS	Record exists
21	DISCARD_NOT_ALLOWED	Discard not allowed	22	DEACT_NOT_ALLOWED	Deactivate not allowed

Table 771. POLMON resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
<b>ACTIVETIME-3</b>	CHAR	CPSM	8	DIFF	Yes	Activation period	5
INCLUDE	EYUDA	CPSM	4	LIKE	No	Monitoring inclusion status	4
INCLUDE Output valid values	YES, NO						
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Yes	Definition name	1
RESCLASS	EYUDA	CPSM	4	LIKE	No	Monitoring resource class	3
RESCLASS Output valid values	MCICS, MCONN, MGLBL, MDBX, MFILE, MJRNL, MPROG, MTDQS, MTERM, MTRAN						
RESNAME	CHAR	CPSM	8	DIFF	No	Resource name pattern	2
RODMPOP	EYUDA	CPSM	4	LIKE	No	Resource status facility monitoring status	7
RODMPOP Output valid values	YES, NO						
<b>STATUS-2</b>	EYUDA	CPSM	4	LIKE	Yes	Definition status	6
STATUS-2 Output valid values	ACTIVE, PENDING						

## PRCINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a Process Type definition (PROCDEF) in a resource group (RESGROUP). A PROCDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is PROCGROUP.

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

Only query CMASs in workload  
 No  
 Object type  
 CICSPlex SM Definition  
 Copybook identifier  
 EYUt6170

Table 772. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 773. PRCINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 774. PRCINGRP 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
<b>PRCVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	Process type definition version	7
<b>PROCGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>PROCNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Process type definition name	6

## PRNINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a partition set definition (PRTNDEF) in a resource group (RESGROUP). A PRTNDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is PRTNGROUP.

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6152

Table 775. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 776. PRNINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 777. PRNINGRP 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 777. PRNINGRP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
<b>PRTNGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>PRTNNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Partition set definition name	6
<b>PRTNVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	Partition set definition version	7

## PROCDEF Resource Table

A CICS Definition that describes a Process Type.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### ADDTOGRP

Add a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

The parameter data for the CSDCOPY action is described in “Managing CICS definitions in the CSD” on page 14.

### CSDINSTALL

Install a CICS CSD resource definition into an active system.

The parameter data for the CSDINSTALL action is described in “Managing CICS definitions in the CSD” on page 14.

### INSTALL

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

The parameter data for the INSTALL action is described in “Parameters for installing CICS definitions using BAS” on page 17.

### External resource name

CICSDefinitionProcessType

### Length

168

**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**  
CICS Definition

**Copybook identifier**  
EYUt3825

Table 778. 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 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
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR DUPNOREPLACE DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 779. PROCDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets

Table 779. PROCDEF FEEDBACK error codes (continued)

33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 780. PROCDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
AUDITLEVEL	CV DAS	CPSM	4	Yes	LIKE	No	Audit level	OFF			11
AUDITLEVEL Input/output valid values	OFF, FULL, ACTIVITY, PROCESS										
AUDITLOG	CHAR	CPSM	8	No	DIFF	No	Audit log name				10
CHANGEAGENT	CV DAS	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



Table 780. PROCDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	20
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				13
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	23
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	0-99999999		18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				17
FILE	CHAR	CPSM	8	Yes	DIFF	No	File name				9
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Enable status	ENABLED			12
STATUS Input/output valid values	ENABLED, DISABLED										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				14
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				15
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				16

## PROCTYP Resource Table

A CICS Resource that describes a process type in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### DISABLE

Disable a process type

### DISCARD

Discard a process type.

These actions require no unique parameter data.

### External resource name

CICSProcessType

**Length**

112

**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**

EYUt0101

Table 781. 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 782. PROCTYP 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			
AUDITLEV	CVDAS	INQ	4	LIKE	Yes	Audit level			4
AUDITLEV Input/output valid values	OFF, FULL, ACTIVITY, PROCESS								
AUDITLOG	CHAR	INQ	8	DIFF	No	Audit log name			3
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, 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
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	10

Table 782. PROCTYP 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	11
ENASTAT	CVDAS	INQ	4	LIKE	Yes	Enable status			5
ENASTAT Input/output valid values	ENABLED, DISABLED								
FILE	CHAR	INQ	8	DIFF	No	File name			2
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
<b>NAME-1</b>	CHAR	INQ	8	DIFF	Yes	BTS process type			1

## PROFDEF Resource Table

A CICS Definition that describes a profile, which controls the interactions between transactions and terminals or logical units.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### ADDTOGRP

Add a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

The parameter data for the CSDCOPY action is described in “Managing CICS definitions in the CSD” on page 14.

### CSDINSTALL

Install a CICS CSD resource definition into an active system.

The parameter data for the CSDINSTALL action is described in “Managing CICS definitions in the CSD” on page 14.

### INSTALL

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

The parameter data for the INSTALL action is described in “Parameters for installing CICS definitions using BAS” on page 17.

### External resource name

CICSDefinitionProfile

**Length**

224

**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**

CICS Definition

**Copybook identifier**

EYUt3808

Table 783. 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 SET	INSTALL	FORCEINS(YES NO)	No
		MODE(value)	No
		NOTIFY(NO INACTIVE REMOVE RELEASE FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET RELATED NONE 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 784. PROFDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version

Table 784. PROFDEF FEEDBACK error codes (continued)

11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 785. PROFDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHAINCONTROL	EYUDA	CPSM	4	Yes	LIKE	No	Outbound chaining control	NO			8

Table 785. PROFDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHAINCONTROL Input/output valid values	YES, NO										
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	31
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	33
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	32
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				24
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	35
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	27	0-99999999		30
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				28
DVSUPRT	EYUDA	CPSM	4	Yes	LIKE	No	Supported devices	ALL			9
DVSUPRT Input/output valid values	ALL, NONVTAM, VTAM										
FACILITYLIKE	CHAR	CPSM	4	No	DIFF	No	Facility model				29
INBFMH	EYUDA	CPSM	4	Yes	LIKE	No	Pass function management header (FMH) to application	NO			10
INBFMH Input/output valid values	NO, ALL, DIP, EODS										
JOURNAL	CHAR	CPSM	4	No	DIFF	No	Journal identifier	NO	1-99		23
JOURNAL Input/output valid values	NO										
LOGREC	EYUDA	CPSM	4	Yes	LIKE	No	Receive requires logical record	NO			11

Table 785. PROFDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
LOGREC Input/output valid values	YES, NO										
MODENAME	CHAR	CPSM	8	No	DIFF	No	Mode name				12
MSGINTEG	EYUDA	CPSM	4	Yes	LIKE	No	Message response requested	NO			13
MSGINTEG Input/output valid values	YES, NO										
MSGJRNL	EYUDA	CPSM	4	Yes	LIKE	No	Messages to be journaled	NO			14
MSGJRNL Input/output valid values	NO, INPUT, OUTPUT, INOUT										
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
NEPCCLASS	CHAR	CPSM	4	No	DIFF	No	Node error program transaction class	0	0-255		21
ONEWTE	EYUDA	CPSM	4	Yes	LIKE	No	One write operation	NO			15
ONEWTE Input/output valid values	YES, NO										
PRINTERCOMP	EYUDA	CPSM	4	Yes	LIKE	No	Printer compatability option	NO			17
PRINTERCOMP Input/output valid values	YES, NO										
PROTECT	EYUDA	CPSM	4	Yes	LIKE	No	Output message recovery	N_A		E510PL16S	16S
PROTECT Input/output valid values	YES, NO, N_A										
RAQ	EYUDA	CPSM	4	Yes	LIKE	No	Read ahead queueing option	NO			18
RAQ Input/output valid values	YES, NO										
RTIMOUT	CHAR	CPSM	8	No	DIFF	No	Read time-out value	NO	1-7000		22
RTIMOUT Input/output valid values	NO										
SCRNSIZE	CVDAS	CPSM	4	Yes	LIKE	No	Screen size	DEFAULT			20

Table 785. PROFDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
SCRNSIZE Input/output valid values	DEFAULT, ALTERNATE										
UCTRAN	EYUDA	CPSM	4	Yes	LIKE	No	Upper case translation	NO			19
UCTRAN Input/output valid values	YES, NO										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				25
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				26
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				27

## PROFILE Resource Table

A CICS Resource that identifies a profile in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is PROFILE.

The following action is supported:

### DISCARD

Remove the installed profile.

The DISCARD action requires no unique parameter data.

### External resource name

CICSProfile

### Length

88

**Usage** API 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

EYUt0053



Table 786. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 787. PROFILE 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	11
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	2
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, SYSTEM, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	4
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	5
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	3
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	6
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	7
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	10
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	9
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	8
<b>PROFILE-1</b>	CHAR	INQ	8	DIFF	Yes	Profile name			1

## PROGDEF Resource Table

A CICS Definition that describes the control information for a program stored in the program library.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

**ADDTOGRP**

Add a resource to the specified resource group.

**CSDCOPY**

Copy a CICS CSD resource definition.

The parameter data for the CSDCOPY action is described in “Managing CICS definitions in the CSD” on page 14.

**CSDINSTALL**

Install a CICS CSD resource definition into an active system.

The parameter data for the CSDINSTALL action is described in “Managing CICS definitions in the CSD” on page 14.

**INSTALL**

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

The parameter data for the INSTALL action is described in “Parameters for installing CICS definitions using BAS” on page 17.

**External resource name**

CICSDefinitionProgram

**Length**

496

**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**

CICS Definition

**Copybook identifier**

EYUt3809

Table 788. 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 SET	INSTALL	FORCEINS(YES NO)	No
		MODE(DYNAM STAT)	No
		NOTIFY(NO INACTIVE RELEASE FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET RELATIVE BOTH NONE)	No
		RELATED(value)	No

Table 788. Valid CPSM operations (continued)

	STATECHK(YES   NO)	No
	TARGET(value)	Yes
	USAGE(LOCAL   REMOTE)	Yes
ADDTOGRP	RESGROUP(value)	Yes
CSDINSTALL	None	N/A
CSDCOPY	AS_RESOURCE(value)	No
	DUPACTION(DUPERROR   DNONOREPLACE   DUPREPLACE)	No
	TO_CSDGROUP(value)	No

Table 789. PROGDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELISTEND	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid oertype	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 789. PROGDEF FEEDBACK error codes (continued)

55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 790. PROGDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
API	EYUDA	CPSM	4	Yes	LIKE	No	Application program interfaces	CICSAPI			36
API Input/output valid values	CICSAPI, OPENAPI										
CEDF	EYUDA	CPSM	4	Yes	LIKE	No	Display execution diagnostic facility (EDF) screens	YES			8
CEDF Input/output valid values	YES, NO										
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	38
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	40
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	39
CONCURRENCY	EYUDA	CPSM	4	Yes	LIKE	No	Concurrency status	QUASIRENT			30
CONCURRENCY Input/output valid values	N_A, QUASIRENT, THREADSAFE										
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				23
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	42
DATALOCATION	CVDAS	CPSM	4	Yes	LIKE	No	Data location	BELOW			9

Table 790. PROGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
DATALOCATION Input/output valid values	BELOW, ANY										
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	0-99999999		37
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				27
DYNAMIC	EYUDA	CPSM	4	Yes	LIKE	No	Dynamic routing status	NO			29
DYNAMIC Input/output valid values	YES, NO										
EXECKEY	CVDAS	CPSM	4	Yes	LIKE	No	Program execution key	USER			10
EXECKEY Input/output valid values	USER, CICS										
EXECUTIONSET	CVDAS	CPSM	4	Yes	LIKE	No	API subset restriction type	FULLAPI			11
EXECUTIONSET Input/output valid values	FULLAPI, DPLSUBSET										
HOTPOOL	EYUDA	CPSM	4	Yes	LIKE	No	Hot pooling status	NO		E640PL4S	14S
HOTPOOL Input/output valid values	YES, NO										
JVM	EYUDA	CPSM	4	Yes	LIKE	No	Java virtual machine (JVM) mode	NO			31
JVM Input/output valid values	YES, NO, DEBUG										
JVMCLASS	CHAR	CPSM	255	No	DIFF	No	Java virtual machine (JVM) class				32
JVMPROFILE	CHAR	CPSM	8	No	DIFF	No	Java virtual machine (JVM) profile	DFHJVMPR			35
LANGUAGE	EYUDA	CPSM	4	Yes	LIKE	No	Language	N_A			12
LANGUAGE Input/output valid values	ASSEMBLER, C, COBOL, LE370, LEVSE, PLI, RPG, N_A										
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7

Table 790. PROGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
RELOAD	EYUDA	CPSM	4	Yes	LIKE	No	Reload new copy	NO			13
RELOAD Input/output valid values	YES, NO										
RE MOTENAME	CHAR	CPSM	8	No	DIFF	No	Program name in remote system				18
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	No	Remote system name				19
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	No	Residence status	NO			17
RESIDENT Input/output valid values	YES, NO										
RSL	CHAR	CPSM	8	No	DIFF	No	Resource security value	0	0-24	E330P125	125
RSL Input/output valid values	PUBLIC										
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Enabled status	ENABLED			14
STATUS Input/output valid values	ENABLED, DISABLED										
TRANSID	CHAR	CPSM	4	No	DIFF	No	Mirror transaction name for remote attach				20
USAGE	EYUDA	CPSM	4	Yes	LIKE	No	Program storage release	NORMAL			16
USAGE Input/output valid values	NORMAL, TRANSIENT										
USELPACOPY	EYUDA	CPSM	4	Yes	LIKE	No	Use program from the link pack area (LPA)	NO			15
USELPACOPY Input/output valid values	YES, NO										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				24
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				25

Table 790. PROGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				26

## PROGRAM Resource Table

A CICS Resource that describes a program in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is PROGRAM.

The following actions are supported:

### DISABLE

Disable the program.

### DISCARD

Remove the installed program.

### ENABLE

Enable the program.

### NEWCOPY

Load a new copy of the program.

CICS loads the new version from the DFHRPL or dynamic LIBRARY concatenation, or uses an LPA resident version, depending on the PRIVATE or SHARED options. PRIVATE is the default setting.

### PHASEIN

CICS will use a new copy of the program for all new transaction requests. CICS continues to use the old copy for all currently running transactions until they have finished, and have a RESCOUNT value of zero. CICS loads the new version from the DFHRPL or dynamic LIBRARY concatenation. or uses an LPA resident version, depending on the PRIVATE or SHARED options. PRIVATE is the default setting.

These actions require no unique parameter data.

### Note:

1. The CVDA value returned by CICS for the attribute APIST(CICSAPI) conflicts with an existing CVDA value. In order to retain the attribute's uniqueness, CICSplex SM adds 9000 to the value returned by CICS.

### Note:

#### External resource name

CICSProgram

#### Length

584

**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**

EYUt0017

Table 791. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISABLE	None	N/A
	DISCARD	None	N/A
	ENABLE	None	N/A
	NEWCOPY	None	N/A
	PHASEIN	None	N/A

Table 792. PROGRAM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
ALOADTIME	INT16US	CPSM	4	AVG	No	Average load time			37
APIST	CVDAS	INQ	4	LIKE	No	API status			45
APIST Output valid values	CICSAPI, OPENAPI								
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	57
CEDFSTATUS	CVDAS	INQ	4	LIKE	Yes	CEDF status			14
CEDFSTATUS Input/output valid values	CEDE, NOCEDF								
CEDFSTATUS Output valid values	NOTAPPLIC								
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	49
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, SYSTEM, AUTOINSTALL, 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	48
COBOLTYPE	CVDAS	INQ	4	LIKE	No	COBOL type			23



Table 792. PROGRAM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
COBOLTYPE Output valid values	COBOL, COBOLII, NOTINIT, NOTAPPLIC								
CONCURRENCY	CVDAS	INQ	4	LIKE	No	Threadsafe option			30
CONCURRENCY Output valid values	THREADSAFE, QUASIRENT								
COPY	CVDAS	INQ	4	LIKE	Yes	Newcopy required status			28
COPY Input valid values	NEWCOPY, PHASEIN								
COPY Output valid values	REQUIRED, NOTREQUIRED								
CURRENTLOC	EYUDA	STAT	4	LIKE	No	CICS DSA in which current copy is located			27
CURRENTLOC Output valid values	NOCOPY, DSA, CDSA, UDSA, LPA, EDSA, ECDSA, EUDSA, ERDSA, ELPA, ESDSA, RDSA, SDSA								
DATALOCATION	CVDAS	INQ	4	LIKE	No	Data location			16
DATALOCATION Output valid values	BELOW, ANY, NOTAPPLIC								
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
DYNAMSTATUS	CVDAS	INQ	4	LIKE	No	Dynamic routing type			29
DYNAMSTATUS Output valid values	DYNAMIC, NOTDYNAMIC								
ENTRYPOINT	ADDRESS	INQ	4	MAX	No	Program entry point			21
EXECKEY	CVDAS	INQ	4	LIKE	No	Program execution key			19
EXECKEY Output valid values	CICSEXECKEY, USEREXECKEY, NOTAPPLIC								
EXECUTIONSET	CVDAS	INQ	4	LIKE	Yes	API subset restriction type			20
EXECUTIONSET Input/output valid values	DPLSUBSET, FULLAPI								
EXECUTIONSET Output valid values	NOTAPPLIC								
FETCHCNT	BINARY	STAT	4	AVG	No	Number of times program loaded into storage			7
FETCHTIME	INT16US	STAT	4	MAX	No	Total time for all program fetches			17
HOLDSTATUS	CVDAS	INQ	4	LIKE	No	Hold status			9
HOLDSTATUS Output valid values	HOLD, NOHOLD, NOTAPPLIC								
HOTPOOLING	CVDAS	INQ	4	LIKE	Yes	Hot pooling status		E640P E640PL	135 PLUS

Table 792. PROGRAM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
HOTPOOLING Input/output valid values	HOTPOOL, NOTHOTPOOL								
HOTPOOLING Output valid values	NOTAPPLIC								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	51
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, SYSTEM, 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
JVMCLASS	CHAR	INQ	255	DIFF	Yes	Java virtual machine class			33
JVMDEBUG	CVDAS	INQ	4	LIKE	Yes	Java virtual machine (JVM) debug status		E610P	132S
JVMDEBUG Input/output valid values	DEBUG, NODEBUG								
JVMPROFILE	CHAR	INQ	8	DIFF	Yes	Java virtual machine (JVM) profile name	DFHJVMPR		36
LANGUAGE	CVDAS	INQ	4	LIKE	No	Language			2
LANGUAGE Output valid values	COBOL, C, LE370, PLIPL1, ASSEMBLER, NOTDEFINED, NOTAPPLIC, LEVSE								
LENGTH	CNUMERIC	INQ	4	MAX	No	Program length			11
LIBRARY	CHAR	INQ	8	DIFF	Yes	LIBRARY name		E640	46
LIBRARYDSN	CHAR	INQ	44	DIFF	Yes	Load data set name		E640	47
LOADPOINT	ADDRESS	INQ	4	MAX	No	Program load point			22
LPASTAT	CVDAS	INQ	4	LIKE	No	Link pack area (LPA) status			13
LPASTAT Output valid values	LPA, NOTLPA, NOTAPPLIC, SVA, NOTSVA								
NEWCOPYCNT	BINARY	STAT	4	AVG	No	Number of NEWCOPY requests issued			3
PGRJUSECOUNT	BINARY	STAT	4	AVG	No	Number of times JVM program used since last reset			44
<b>PROGRAM-1</b>	CHAR	INQ	8	DIFF	Yes	Program name			1
PROGTYPE	CVDAS	INQ	4	LIKE	No	Program type			15
PROGTYPE Output valid values	PROGRAM, MAP, PARTITIONSET								
REMO TENAME	CHAR	INQ	8	DIFF	No	Program name in remote system			24
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name			25
REMOVECNT	BINARY	STAT	4	AVG	No	Number of times removed by program compression			18

Table 792. PROGRAM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
RESCOUNT	CNUMERIC	INQ	4	SUM	No	Number of times program currently accessed			6
RLOADING	RATE3	CPSM	8	AVG	No	Rate of program loading			39
RPLID	BINARY	STAT	4	AVG	No	Data set offset number			12
RREMOVAL	RATE3	CPSM	8	AVG	No	Rate of program removal			40
RUNTIME	CV DAS	INQ	4	LIKE	Yes	Runtime environment information			31
RUNTIME Input/output valid values	JVM								
RUNTIME Input valid values	NOJVM								
RUNTIME Output valid values	UNKNOWN, LE370, NONLE370, NOTAPPLIC, XPLINK								
RUSE	RATE3	CPSM	8	AVG	No	Rate of program use			41
SHARESTATUS	CV DAS	INQ	4	LIKE	Yes	Share status			10
SHARESTATUS Input/output valid values	PRIVATE, SHARED								
SHARESTATUS Output valid values	NOTAPPLIC								
STATUS	CV DAS	INQ	4	LIKE	Yes	Enabled status			8
STATUS Input/output valid values	ENABLED, DISABLED								
TRANSID	CHAR	INQ	4	DIFF	No	Mirror transaction name for remote attach			26
USEAGELSTAT	BINARY	STAT	4	AVG	No	Number of times program was used since last reset			5
USECOUNT	CNUMERIC	INQ	4	SUM	No	Total number of times program was executed			4
USEFETCH	AVERAGE3	CPSM	8	AVG	No	Average number of program uses per fetch			38

## PROINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a profile definition (PROFDEF) in a resource group (RESGROUP). A PROFDEF can be a member of multiple RESGROUPS.

The **Primary** key field for this resource class is PROFGROUP.

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**  
 No  
**CMAS context**  
 No  
**SCOPE applies**  
 No  
**Only query CMASs in workload**  
 No  
**Object type**  
 CICSplex SM Definition  
**Copybook identifier**  
 EYUt6153

Table 793. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 794. PROINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 795. PROINGRP 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
<b>PROFGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>PROFNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Profile definition name	6
<b>PROFVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	Profile definition version	7

## PRTNDEF Resource Table

A CICS Definition that describes a partition set, or display partition configuration.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### ADDTOGRP

Add a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

The parameter data for the CSDCOPY action is described in “Managing CICS definitions in the CSD” on page 14.

### CSDINSTALL

Install a CICS CSD resource definition into an active system.

The parameter data for the CSDINSTALL action is described in “Managing CICS definitions in the CSD” on page 14.

### INSTALL

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

The parameter data for the INSTALL action is described in “Parameters for installing CICS definitions using BAS” on page 17.

### External resource name

CICSDefinitionPartitionSet

### Length

168

**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

CICS Definition

### Copybook identifier

EYUt3807

Table 796. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No

Table 796. Valid CPSM operations (continued)

		CSDGROUP(value)	No
CREATE		RESGROUP(value)	No
		CSD	No
UPDATE		RESGROUP(value)	No
REMOVE		CSD	No
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
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR DUPNOREPLACE DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 797. PRTNDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELISTEND	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify

Table 797. PRTNDEF FEEDBACK error codes (continued)

41	INV_OVERTYPE	Invalid overtyp	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 798. PRTNDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CV DAS	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 time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	20
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				13
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	23
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	87	0-99999999		18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				17
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7

Table 798. PRTNDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	No	Residence status	NO			8
RESIDENT Input/output valid values	YES, NO										
RSL	CHAR	CPSM	8	No	DIFF	No	Resource security value	0	0-24	E330P	125
RSL Input/output valid values	PUBLIC										
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Partition set status	ENABLED			9
STATUS Input/output valid values	ENABLED, DISABLED										
USAGE	EYUDA	CPSM	4	Yes	LIKE	No	Partition set storage release	NORMAL			10
USAGE Input/output valid values	NORMAL, TRANSIENT										
USELPACOPY	EYUDA	CPSM	4	Yes	LIKE	No	Use copy of partition set from link pack area (LPA)	NO			11
USELPACOPY Input/output valid values	YES, NO										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				14
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				15
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				16

## RASGNDEF Resource Table

A CPSM Business Application Services Definition that describes how CICS Definitions of a particular resource class are assigned to and installed in a set of CICS systems.

The **Primary** key field for this resource class is RESASSGN.

### External resource name

CICSResourceAssignmentDefinition



**Length**

1280

**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**

EYUt3520

Table 799. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDTODSC	DESCCODEPAGE(value) DESCRIPTION(value) RESDESC(value) RESGROUP(value) RSCOPE(value) TSCOPE(value)	No No Yes No No No

Table 800. RASGNDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	13	INCONSISTENT_SET	Inconsistent set condition
21	INV_RECORD	Invalid record	22	INV_ACTION	Invalid action
23	INCOMPLETE_DEFINITION	Incomplete definition set	24	INCONSISTENT_SCOPES	Inconsistent scopes
25	RASGNDEF_IN_USE	Resource assignment definition in use	26	INV_NAME	Name generic or blanks
27	REFASSIGN_NOTFOUND	Referenced resource assignment not found			

Table 801. RASGNDEF 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			20
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			23
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			22
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			21
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	19
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			18
FILTER	CHAR	CPSM	800	No	DIFF	No	Filter string			15
MODE	EYUDA	CPSM	4	Yes	LIKE	No	Resource usage qualifier	N_A		12
MODE Input/output valid values	AUTO, DYNAM, EXTRA, INTRA, IND, STAT, N_A									
ORSTRING	CHAR	CPSM	320	No	DIFF	No	Override string			17
OVERRIDE	EYUDA	CPSM	4	Yes	LIKE	No	Scope that override is applied to	NONE		13
OVERRIDE Input/output valid values	BOTH, RELATED, TARGET, NONE									
RDEFTYPE	CHAR	CPSM	8	Yes	DIFF	No	Resource type			9
REFASSGN	CHAR	CPSM	8	No	DIFF	No	Referenced resource assignment name			10
<b>RESASSGN-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name			5
RESGROUP	CHAR	CPSM	8	No	DIFF	No	Resource group			8
RSCOPE	CHAR	CPSM	8	No	DIFF	No	Related scope			7
TSCOPE	CHAR	CPSM	8	No	DIFF	No	Target scope			6
USAGE	EYUDA	CPSM	4	Yes	LIKE	No	Resource usage			11
USAGE Input/output valid values	LOCAL, REMOTE									

## RASINDSC Resource Table

A CPSM Business Application Services Definition that describes the membership of a resource assignment (RASGNDEF) in a resource description (REDESC).

The **Primary** key field for this resource class is REDESC.

There are no object specific actions for this resource class.

**External resource name**

CICSResourceAssignmentsInDescription

**Length**

144

**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**

EYUt4866

Table 802. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

Table 803. RASINDSC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	13	INCONSISTENT_SET	Inconsistent set condition
21	INV_RECORD	Invalid record	22	INV_ACTION	Invalid action
23	INCOMPLETE_DEFINITION	Incomplete definition set	24	REFASSIGN_NOTFOUND	Referenced resource assignment not found

Table 803. RASINDSC FEEDBACK error codes (continued)

25	INCONSISTENT_SCOPES	Inconsistent scopes	26	INV_NAME	Invalid name
27	INV_MINNAME	Invalid minor name			

Table 804. RASINDSC 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			12
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			15
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			14
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			13
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	11
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			10
<b>RESASSGN-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource assignment (RASGNDEF) name			6
<b>RESDESC-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource description (RESDESC) name			5
RESGROUP	CHAR	CPSM	8	No	DIFF	No	Resource group name			9
RSCOPE	CHAR	CPSM	8	No	DIFF	No	Related scope name			8
TSCOPE	CHAR	CPSM	8	No	DIFF	No	Target scope name			7

## RASPROC Resource Table

A CPSM Business Application Services Manager object that describes the set of CICS Definitions to be installed in CICS systems for a particular resource assignment (RASGNDEF), if the assignment is associated with a resource description (RESDESC). The CICS systems include all systems named in the target and related scopes (TARGET and RELATED) of the RASGNDEF.

This object is referenced within the scope of a CICSplex and resource assignment. As such, the resource assignment must be explicitly identified in the API GET command PARM option by coding the following text string:

**APAR PQ30578**

Documentation for APAR PQ30578 added 18/04/2000

PARM('RASGNDEF(resassign).')

where resassign = (Required) The name of a resource assignment.

Other parameters can also be specified, but the resource assignment name is required.

The **Primary** key field for this resource class is RESDEF.

There are no object specific actions for this resource class.

**External resource name**

CICSResourceByAssignment

**Length**

88

**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**

EYUt2610

Table 805. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		RASGNDEF(value)	Yes

Table 806. RASPROC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	RESASSGN_NOT_FOUND	Resource assignment not found			

Table 807. RASPROC resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ALIAS	CHAR	CPSM	8	DIFF	No	Alias for remote definition	16

Table 807. RASPROC resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
DEFVER	BINARY	CPSM	1	AVG	No	Resource definition version	12
MODE	EYUDA	CPSM	4	LIKE	No	Resource usage qualifier	11
MODE Output valid values	AUTO, DYNAM, EXTRA, INTRA, IND, STAT						
<b>RDEFTYPE-2</b>	CHAR	CPSM	8	DIFF	Yes	Resource definition type	5
<b>REFDEF-5</b>	CHAR	CPSM	8	DIFF	Yes	Referenced definition name	13
REFTYPE	CHAR	CPSM	8	DIFF	No	Referenced definition type	15
REFVER	CHAR	CPSM	2	DIFF	No	Referenced definition version	14
<b>RESASSGN-6</b>	CHAR	CPSM	8	DIFF	Yes	Resource assignment name	8
<b>RESDEF-1</b>	CHAR	CPSM	8	DIFF	Yes	Resource definition name	4
RESGROUP	CHAR	CPSM	8	DIFF	No	Resource group name	9
<b>RSCOPE-4</b>	CHAR	CPSM	8	DIFF	Yes	Related scope name	7
<b>TSCOPE-3</b>	CHAR	CPSM	8	DIFF	Yes	Target scope name	6
USAGE	EYUDA	CPSM	4	LIKE	No	Resource usage type	10
USAGE Output valid values	LOCAL, REMOTE						

## RDSCPROC Resource Table

A CPSM Business Application Services Manager object that describes the set of CICS Definitions to be installed in CICS systems for a particular resource description (RESDESC).

This object is referenced within the scope of a CICSplex and resource description. As such, the resource description must be explicitly identified in the API GET command PARM option by coding the following text string:

### APAR PQ30578

Documentation for APAR PQ30578 added 18/04/2000

```
PARM('RESDESC(resdesc).')
```

where resdesc = (Required) The name of a resource description.

Other parameters can also be specified, but the resource description name is required.

The **Primary** key field for this resource class is RESDEF.

There are no object specific actions for this resource class.

### External resource name

CICSResourceByDescription

### Length

96

**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**  
 EYUt2609

Table 808. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		RESDDESC(value)	Yes

Table 809. RDSCPROC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	RESDDESC_NOT_FOUND	Resource description not found			

Table 810. RDSCPROC resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ALIAS	CHAR	CPSM	8	DIFF	No	Alias for remote definition	17
DEFVER	BINARY	CPSM	1	AVG	No	Resource definition version	13
MODE	EYUDA	CPSM	4	LIKE	No	Resource usage qualifier	12
MODE Output valid values	AUTO, DYNAM, EXTRA, INTRA, IND, STAT						
<b>RDEFTYPE-2</b>	CHAR	CPSM	8	DIFF	Yes	Resource definition type	5
<b>REFDEF-5</b>	CHAR	CPSM	8	DIFF	Yes	Referenced definition name	14
REFTYPE	CHAR	CPSM	8	DIFF	No	Referenced definition type	16
REFVER	CHAR	CPSM	2	DIFF	No	Referenced definition version	15
RESASSGN	CHAR	CPSM	8	DIFF	No	Resource assignment name	8
<b>RESDEF-1</b>	CHAR	CPSM	8	DIFF	Yes	Resource definition name	4
<b>RESDDESC-6</b>	CHAR	CPSM	8	DIFF	Yes	Resource description name	10
RESGROUP	CHAR	CPSM	8	DIFF	No	Resource group name	9
<b>RSCOPE-4</b>	CHAR	CPSM	8	DIFF	Yes	Related scope name	7
<b>TSCOPE-3</b>	CHAR	CPSM	8	DIFF	Yes	Target scope name	6
USAGE	EYUDA	CPSM	4	LIKE	No	Resource usage type	11
USAGE Output valid values	LOCAL, REMOTE						

## RECOVERY Resource Table

A CICS Resource that provides recovery manager information in an active system being managed by CICSPlex SM.

The RECOVERY resource class does not provide an explicit key attribute. The set of object instances returned is a function of the scope in effect when the request is made.

There are no object specific actions for this resource class.

**External resource name**

CICSRecoveryManager

**Length**

160

**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**

EYUt0124

Table 811. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 812. RECOVERY resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
RMGATSHTI	INTTSTP	STAT	8	AVG	Average time UOWs shunted for indoubt failure	29
RMGATSHTR	INTTSTP	STAT	8	AVG	Average UOW commit/backout failure shunt time	31
RMGCATSHTI	INTTSTP	STAT	8	AVG	Average current UOW shunt time for indoubt failure	30
RMGCATSHTR	INTTSTP	STAT	8	AVG	Average current commit/backout failure shunt time	32
RMGCSHIN	BINARY	STAT	4	AVG	Total UOWs currently shunted for indoubt failure	9
RMGCSHRO	BINARY	STAT	4	AVG	Current UOWs shunted for commit/backout failure	11
RMGCSHTI	INTTSTP	STAT	8	MAX	Time current UOWs shunted for indoubt failure	14
RMGCSHTR	INTTSTP	STAT	8	MAX	Current UOW shunt time for commit/backout failure	16
RMGIAFNW	BINARY	STAT	4	AVG	Total of indoubt actions forced by NOWAIT option	19
RMGIAFOP	BINARY	STAT	4	AVG	Total of indoubt actions forced by operator	20
RMGIAFOT	BINARY	STAT	4	AVG	Total of indoubt actions forced by other reasons	21
RMGIAFTI	BINARY	STAT	4	AVG	Total of indoubt actions forced by timeout	18
RMGIAFTR	BINARY	STAT	4	AVG	Total indoubt actions forced by definition	17
RMGIAMIS	BINARY	STAT	4	AVG	Total number of indoubt action mismatches	22



Table 812. RECOVERY resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
RMGNW61	BINARY	STAT	4	AVG	Total indoubt actions forced by LU61 NOWAIT option	24
RMGNWMRO	BINARY	STAT	4	AVG	Total indoubt actions forced by MRO NOWAIT option	25
RMGNWOTH	BINARY	STAT	4	AVG	Total indoubt actions forced by other NOWAIT	27
RMGNWRMI	BINARY	STAT	4	AVG	Total indoubt actions forced by RMI NOWAIT option	26
RMGNWTD	BINARY	STAT	4	AVG	Total indoubt actions forced by TD NOWAIT option	23
RMGRESYN	BINARY	STAT	4	AVG	Total resynchronization requests issued	7
RMGSYBWD	BINARY	STAT	4	AVG	Number of SYNCPOINT ROLLBACK requests issued	6
RMGSYFWD	BINARY	STAT	4	AVG	Number of SYNCPOINT requests issued	5
RMGTSHIN	BINARY	STAT	4	AVG	Total number of UOWs shunted for indoubt failure	8
RMGTSHRO	BINARY	STAT	4	AVG	Total of UOWs shunted for commit/backout failure	10
RMGTSHTI	INTTSTP	STAT	8	MAX	Total time UOWs shunted for indoubt failure	13
RMGTSHTR	INTTSTP	STAT	8	MAX	Total time UOWs shunted for commit/backout failure	15

## REMFIL Resource Table

A CICS Resource that describes a remote file in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is FILE.

The following action is supported:

### DISCARD

Remove the installed Remote File

The DISCARD action requires no unique parameter data.

### External resource name

CICSRemoteFile

### Length

136

**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

EYU0010

Table 813. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 814. REMFILE 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			
ADDCNT	BINARY	STAT	4	AVG	No	Number of WRITE requests			10
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	21
BROWSECNT	BINARY	STAT	4	AVG	No	The number of READNEXT and READPREV requests			9
CHANGEAGENT	CV DAS	INQ	4	LIKE	No	Last modification agent		E640 E650	13
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	14
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	16
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	12
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	17
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	18
ENABLESTATUS	CV DAS	INQ	4	LIKE	No	Enable status		E330P E450	14
ENABLESTATUS Output valid values	ENABLED, DISABLED, UNENABLED, DISABLING, NOTAPPLIC								
<b>FILE-1</b>	CHAR	INQ	8	DIFF	Yes	File ID			1
GETCNT	BINARY	STAT	4	AVG	No	Number of READ requests			7
GETUPDCNT	BINARY	STAT	4	AVG	No	Number of READ UPDATE requests			8
INSTALLAGENT	CV DAS	INQ	4	LIKE	No	Installation agent		E640 E650	15
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, TABLE, SYSTEM, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	20
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	19
KEYLENGTH	BINARY	INQ	4	AVG	No	Key length			5
REMDCLCNT	BINARY	STAT	4	AVG	No	Number of DELETE requests			6

Table 814. REMFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
REMOTENAME	CHAR	INQ	8	DIFF	No	Remote file name			2
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name			3
UPDATECNT	BINARY	STAT	4	AVG	No	Number of REWRITE requests			11

## REMTDQ Resource Table

A CICS Resource that describes a remote transient data queue in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is TDQUEUE.

The following action is supported:

### DISCARD

Remove the remote transient data queue.

The DISCARD action requires no unique parameter data.

### External resource name

CICSRemoteTDQueue

### Length

96

**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

EYUt0029

Table 815. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 816. REMTDQ 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			

Table 816. REMTDQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
BASDEFINEVER	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, CREATESPI, 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
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	13
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, 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 READ, WRITE, and DELETE requests			4
REMOTENAME	CHAR	INQ	4	DIFF	No	Remote name			2
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system			3
<b>TDQUEUE-1</b>	CHAR	INQ	4	DIFF	Yes	Queue ID			1

## REMTRAN Resource Table

A CICS Resource that describes a remote transaction in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is TRANID.

The following actions are supported:

**DISABLE**

Disable the remote transaction.

**DISCARD**

Remove the remote transaction.

**ENABLE**

Enable the remote transaction.

These actions require no unique parameter data.

**External resource name**  
CICSRemoteTransaction

**Length**  
160

**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**  
EYUt0023

Table 817. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISABLE	None	N/A
	DISCARD	None	N/A
	ENABLE	None	N/A

Table 818. REMTRAN FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid			

Table 819. REMTRAN 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	25
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	16
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, SYSTEM, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	18
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	20
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	17

Table 819. REMTRAN 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	21
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	22
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	19
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, SYSTEM, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	24
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	23
PRIORITY	BINARY	INQ	4	AVG	Yes	Transaction priority			9
PROFILE	CHAR	INQ	8	DIFF	No	Profile name			4
PURGEABILITY	CVDAS	INQ	4	LIKE	Yes	Purgeability status			10
PURGEABILITY Input/output valid values	PURGEABLE, NOTPURGEABLE								
REMOTECNT	BINARY	STAT	4	AVG	No	Number of times transaction run remotely			7
REMOTENAME	CHAR	INQ	8	DIFF	No	Remote transaction ID			2
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name			3
REMSTARTCNT	CNUMERIC	STAT	4	SUM	No	Number of times transaction started			15
ROUTING	CVDAS	INQ	4	LIKE	No	Routing status			6
ROUTING Output valid values	DYNAMIC, STATIC								
RTIMEOUT	BINARY	INQ	4	AVG	No	Read timeout (seconds)			11
SCRNSIZE	CVDAS	INQ	4	LIKE	No	Screen size			12
SCRNSIZE Output valid values	DEFAULT, ALTERNATE								
STATUS	CVDAS	INQ	4	LIKE	Yes	Enabled status			13
STATUS Input/output valid values	ENABLED, DISABLED								
TRANCLASS	CHAR	INQ	8	DIFF	Yes	Transaction class name			14
<b>TRANID-1</b>	CHAR	INQ	4	DIFF	Yes	Transaction ID			1
TRPROF	CHAR	INQ	8	DIFF	No	Name of transaction-routing-session profile			5
USECOUNT	BINARY	STAT	4	SUM	No	Number of times transaction has been used			8

## REQID Resource Table

A CICS Resource that describes an outstanding interval control request in an active CICS/ESA 4.1 or later system being managed by CICSplex SM .

The **Primary** key field for this resource class is NAME.

**External resource name**

CICSIntervalControlRequest

**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**

EYUt0060

Table 820. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	CANCEL	None	N/A

Table 821. REQID resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
FMHSTATUS	CVDAS	INQ	4	LIKE	No	Function management headers status	9
FMHSTATUS Output valid values	FMH, NOFMH, NOTAPPLIC						
INTERVAL	DECTIME	INQ	4	MAX	No	Interval until request expires	10
<b>NAME-1</b>	CHAR	INQ	8	MIN	Yes	Request name	1
QUEUE	CHAR	INQ	8	DIFF	No	QUEUE from START command that created request	8
REQTYPE	CVDAS	INQ	4	LIKE	No	Type of command that created request	3
REQTYPE Output valid values	START, POST, DELAY						
<b>RSEQ-2</b>	BINARY	CPSM	4	MIN	No	Sequence number	14

Table 821. REQID resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
RTERMID	CHAR	INQ	4	DIFF	No	RTERMID from START command that created request	7
RTRANSID	CHAR	INQ	4	DIFF	No	RTRANSID from START command that created request	6
TERMID	CHAR	INQ	4	DIFF	No	TERMID from START command that created request	5
TIME	DECTIME	INQ	4	MAX	No	Expiration time	11
TRANSID	CHAR	INQ	4	DIFF	No	TRANSID specified by command creating request	2
USERID	CHAR	INQ	8	DIFF	No	Associated user ID	4

## RESDESC Resource Table

A CPSM Business Application Services Definition that describes a set of logically related CICS Definitions. The set of CICS Definitions can be installed in CICS systems that support EXEC CICS CREATE and named as the scope for CICSplex SM requests.

The **Primary** key field for this resource class is RESDESC.

The following actions are supported:

### INSTALL

Install a Resource Description.

### REPLACE

Replace a Resource Description.

The parameter data for these actions is described in "Parameters for installing CICS definitions using BAS" on page 17. For information about the API CREATE parameter, MODEL see "Creating Resource descriptions" on page 13.

### External resource name

CICSResourceDescription

### Length

1120

**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

EYUt3521



Table 822. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		MODEL(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES NO)	No
		NOTIFY(NO INACTIVE RELEASE FULL)	No
		STATECHK(YES NO)	No
	REPLACE	CURRENT(value)	Yes
		FORCEINS(YES NO)	No
		NOTIFY(NO INACTIVE RELEASE FULL)	No
		STATECHK(YES NO)	No

Table 823. RESDESC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	13	INCONSISTENT_SET	Inconsistent set condition
21	INV_RECORD	Invalid record	22	INV_ACTION	Invalid action
23	INV_MODEL	Invalid model	24	INCOMPLETE_DEFINITION_SET	Incomplete definition set
25	INCONSISTENT_SCOPES	Inconsistent scopes	26	NOTIFY	Notify
27	INSRDSC_NOTFOUND	Install resource description not found	28	REPRDSC_NOTFOUND	Replacement resource description not found
29	PARTIAL_INSTALL	Partial install	30	NOTHING_INSTALLED	Nothing installed
31	NODEFS_SELECTED	No definitions selected	32	NO_TARGETS	No targets
33	INV_INSRDSC	Invalid install resource description name	34	INV_REPRDSC	Invalid replacement resource description name
35	INV_FORCEINS	Invalid force install	36	INV_STATECHK	Invalid state check
37	INV_NOTIFY	Invalid notify	38	INV_NAME	Name generic or blanks

Table 824. RESDESC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ATMDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for Atom Service definitions			132

Table 824. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ATMDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for Atom Service definitions			134
ATMDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for Atom Service definitions			133
AUTOINST	EYUDA	CPSM	4	No	LIKE	No	Autoinstall request type	NO		9
AUTOINST Input/output valid values	NO, YES									
BUNDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for Bundle definitions			135
BUNDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for Bundle definitions			137
BUNDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for Bundle definitions			136
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
CONDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for connection definitions			11
CONDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for connection definitions			13
CONDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for connection definitions			12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			128

Table 824. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
D2CDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for DB2 connection definitions			62
D2CDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for DB2 connection definitions			64
D2CDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for DB2 connection definitions			63
D2EDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for DB2 entry definitions			65
D2EDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for DB2 entry definitions			67
D2EDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for DB2 entry definitions			66
D2TDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for DB2 transaction definitions			68
D2TDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for DB2 transaction definitions			70
D2TDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for DB2 transaction definitions			69
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	120
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			10
DOCDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for document template definitions			84
DOCDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for document template definitions			86

Table 824. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
DOCDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for document template definitions			85
EJCDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for CorbaServer definitions			105
EJCDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for CorbaServer definitions			107
EJCDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for CorbaServer definitions			106
EJDDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for CICS-deployed JAR file definitions			108
EJDDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for CICS-deployed JAR file definitions			110
EJDDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for CICS-deployed JAR file definitions			109
ENQDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for enqueue model definitions			78
ENQDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for enqueue model definitions			80
ENQDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for enqueue model definitions			79
FLEDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for file definitions			14
FLEDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for file definitions			16

Table 824. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
FLEDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for file definitions			15
FNODEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for FEPI node definitions			99
FNODEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for FEPI node definitions			101
FNODEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for FEPI node definitions			100
FPODEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for FEPI pool definitions			93
FPODEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for FEPI pool definitions			95
FPODEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for FEPI pool definitions			94
FPRDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for FEPI property set definitions			102
FPRDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for FEPI property set definitions			104
FPRDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for FEPI property set definitions			103
FSGDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for file key segment definitions			71
FSGDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for file key segment definitions			73

Table 824. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
FSGDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for file key segment definitions			72
FTRDEFERF	CHAR	CPSM	8	No	DIFF	No	Resource group for FEPI target definitions			96
FTRDEFERS	CHAR	CPSM	8	No	DIFF	No	Related scope for FEPI target definitions			98
FTRDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for FEPI target definitions			97
IPCDEFERF	CHAR	CPSM	8	No	DIFF	No	Resource group for IPIC connection definitions			121
IPCDEFERS	CHAR	CPSM	8	No	DIFF	No	Related scope for IPIC connection definitions			123
IPCDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for IPIC connection definitions			122
JMSDEFERF	CHAR	CPSM	8	No	DIFF	No	Resource group for JVM Server definitions			141
JMSDEFERS	CHAR	CPSM	8	No	DIFF	No	Related scope for JVM Sever definitions			143
JMSDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for JVM Server definitions			142
JRLDEFERF	CHAR	CPSM	8	No	DIFF	No	Resource group for journal definitions			17
JRLDEFERS	CHAR	CPSM	8	No	DIFF	No	Related scope for journal definitions			19
JRLDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for journal definitions			18

Table 824. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
JRMDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for journal model definitions			20
JRMDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for journal model definitions			22
JRMDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for journal model definitions			21
LIBDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for LIBRARY definitions			124
LIBDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for LIBRARY definitions			126
LIBDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for LIBRARY definitions			125
LSCOPE	CHAR	CPSM	8	No	DIFF	No	Logical scope name			6
LSRDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for LSR pool definitions			23
LSRDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for LSR pool definitions			25
LSRDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for LSR pool definitions			24
LSREGSTR	EYUDA	CPSM	4	No	LIKE	No	Logical scope registration	NO		8
LSREGSTR Input/output valid values	NO, YES									
MAPDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for map set definitions			26
MAPDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for map set definitions			28

Table 824. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
MAPDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for map set definitions			27
MQCDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for MQConnection definitions			138
MQCDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for MQConnection definitions			140
MQCDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for MQConnection definitions			139
PARDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for partner definitions			29
PARDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for partner definitions			31
PARDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for partner definitions			30
PIPDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for Pipeline definitions			111
PIPDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for Pipeline definitions			113
PIPDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for Pipeline definitions			112
PRCDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for process type definitions			87
PRCDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for process type definitions			89
PRCDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for process type definitions			88



Table 824. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
PRGDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for program definitions			38
PRGDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for program definitions			40
PRGDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for program definitions			39
PRODEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for profile definitions			35
PRODEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for profile definitions			37
PRODEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for profile definitions			36
PRTDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for partition set definitions			32
PRTDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for partition set definitions			34
PRTDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for partition set definitions			33
<b>RESDESC-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource description name			5
RGSCOPE	CHAR	CPSM	8	No	DIFF	No	Resource group scope name			7
RQMDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for request model definitions			90
RQMDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for request model definitions			92

Table 824. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
RQMDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for request model definitions			91
SESDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for session definitions			41
SESDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for session definitions			43
SESDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for session definitions			42
TCLDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for transaction class definitions			53
TCLDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for transaction class definitions			55
TCLDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for transaction class definitions			54
TCPDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for TCP/IP service definitions			81
TCPDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for TCP/IP service definitions			83
TCPDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for TCP/IP service definitions			82
TDQDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for TD queue definitions			44
TDQDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for TD queue definitions			46
TDQDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for TD queue definitions			45

Table 824. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
TRMDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for terminal definitions			47
TRMDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for terminal definitions			49
TRMDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for terminal definitions			48
TRNDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for transaction definitions			50
TRNDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for transaction definitions			52
TRNDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for transaction definitions			51
TSMDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for TS model definitions			75
TSMDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for TS model definitions			77
TSMDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for TS model definitions			76
TYPDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for typeterm definitions			59
TYPDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for typeterm definitions			61
TYPDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for typeterm definitions			60
URIDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for URIMAP definitions			114
URIDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for URIMAP definitions			116

Table 824. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
URIDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for URIMAP definitions			115
WEBDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for WebService definitions			117
WEBDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for WebService definitions			119
WEBDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for WebService definitions			118

## RESGROUP Resource Table

A CICSplex SM Business Application Services Definition that provides the association anchor for a set of CICS Definitions. References to a RESGROUP are inferred to be references to the set of associated CICS Definition instances.

The **Primary** key field for this resource class is RESGROUP.

The following actions are supported:

### INSTALL

Install definitions from a Resource Group.

The parameter data for the INSTALL action is described in "Parameters for installing CICS definitions using BAS" on page 17.

For information on the API CREATE parameters (MODEL and MODE), see "Parameters for managing CICS Definitions" on page 13.

### External resource name

CICSResourceGroup

### Length

112

**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



Table 826. RESGROUP FEEDBACK error codes (continued)

38	INV_MODE	Invalid mode value	39	INV_STATECHK	Invalid state check
40	INV_FORCEINS	Invalid force install	41	INV_NOTIFY	Invalid notify
42	INV_OVERTYPE	Invalid overtyp	43	INV_OVRBLOCK	Invalid override block
44	INV_FILTER	Invalid filter	45	INV_ORSTRING	Invalid override string
46	INV_STRNGTERM	Invalid string terminator	47	INV_EMBEDTERM	Invalid embedded terminator
48	INV_ATTRIBUTE	Invalid attribute	49	INV_OPERATOR	Invalid operator
50	INV_LITERAL	Invalid literal	51	INV_ORSTGNA	Override string not allowed
52	RSCOPE_REQUIRED	Related scope required	53	TSCOPE_REQUIRED	Target scope required
54	USAGE_CONFLICT	Usage conflict	55	REFASSGN_REQ	Referenced resource assignment required
56	REFASSIGN_NOTFND	Referenced resource assignment not found	57	RESTYPE_NOTINST	Resource type not installed
58	NODEFS_SELECTED	No definitions selected	59	INCOMPATIBLE_OVR	Incompatible override
60	INCOMPATIBLE_FILTER	Incompatible filter	61	MORE_THAN_1_REL	More than one related system
62	MISSING_RELSYSID	Missing related system identifier	63	SCOPE_CONFLICT	Scope conflict
64	INV_ACTION	Invalid action	65	INCONSISTENT_SET	Inconsistent set

Table 827. RESGROUP 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
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	7
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			6
<b>RESGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name			5

## RESINDSC Resource Table

A CPSM Business Application Services Definition that describes the membership of a resource group (RESGROUP) in a resource description (RESDESC).

The **Primary** key field for this resource class is RESDESC.

There are no object specific actions for this resource class.

**External resource name**

CICSResourceGroupInDescription

**Length**

120

**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**

EYUt4865

Table 828. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

Table 829. RESINDSC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	13	INCONSISTENT_SET	Inconsistent set condition
21	INV_RECORD	Invalid record	22	INV_ACTION	Invalid action
23	RESDESC_NOUPD	Resource description not updatable	24	RESGROUP_NOUPD	Resource group not updatable

Table 829. RESINDSC FEEDBACK error codes (continued)

25	INV_NAME	Invalid name	26	INV_MINNAME	Invalid minor name
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Table 830. RESINDSC 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			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
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	8
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			7
<b>RESDESC-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource description name			5
<b>RESGROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name			6

## RESINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a resource definition in a resource group (RESGROUP). A resource definition can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is RESGROUP.

The following action is supported:

### REMOVE

Remove the association between a resource definition and a resource group.

The REMOVE action requires no unique parameter data.

### External resource name

CICSResourceInGroup

### Length

136

**Usage** API or CICS Management Client Interface



**API view**  
Yes

**CMAS context**  
No

**SCOPE applies**  
No

**Only query CMASs in workload**  
No

**Object type**  
CICSplex SM Definition

**Copybook identifier**  
EYUt6144

Table 831. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		RESGROUP(value)	No
		RESNAME(value)	No
		RESTYPE(value)	No
		RESVER(value)	No
		None	N/A
REMOVE			

Table 832. RESINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
2	REC_NOT_FOUND	Requested resource not found	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 833. RESINGRP 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			14
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			17
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			16

Table 833. RESINGRP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			15
DEFDESC	CHAR	CPSM	58	No	DIFF	No	Resource definition description			9
<b>DEFNAME-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource definition			7
<b>DEFTYPE-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource definition type			6
DEFTYPEX	RESTYPE	CPSM	2	Yes	LIKE	No	Resource definition ID			11
<b>DEFVER-4</b>	BINARY	CPSM	1	Yes	AVG	Yes	Resource definition version	0	0-15	8
INGPTYPE	CHAR	CPSM	8	Yes	LIKE	No	Resource in group type			12
INGPTYPX	RESTYPE	CPSM	2	Yes	LIKE	No	Resource in group ID			13
<b>RESGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group			5

## RPLLIST Resource Table

A CICS resource that describes a data set in the DFHRPL concatenation sequence.

The **Primary** key field for this resource class is RPLNUM.

There are no object specific actions for this resource class.

**External resource name**

CICSDFHRPLDataSet

**Length**

64

**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**

EYU0018

Table 834. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 835. RPLLIST resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
DSNAME	CHAR	CPSM	44	DIFF	No	Static RPL data set name	2
<b>RPLNUM-1</b>	BINARY	CPSM	4	AVG	Yes	Static RPL data set position	1

## RQMDEF Resource Table

A CICS Definition that describes a request model.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### ADDTOGRP

Add a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

The parameter data for the CSDCOPY action is described in “Managing CICS definitions in the CSD” on page 14.

### CSDINSTALL

Install a CICS CSD resource definition into an active system.

The parameter data for the CSDINSTALL action is described in “Managing CICS definitions in the CSD” on page 14.

### INSTALL

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

The parameter data for the INSTALL action is described in “Parameters for installing CICS definitions using BAS” on page 17.

### External resource name

CICSDefinitionRequestModel

### Length

1288

**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**  
 CICS Definition  
**Copybook identifier**  
 EYUt3826

Table 836. 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 SET	INSTALL	FORCEINS(YES NO)	No
		MODE(value)	No
		NOTIFY(NO INACTIVE REMOVE REPLACE FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET RELATED NONE 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 837. RQMDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version

Table 837. RQMDEF FEEDBACK error codes (continued)

25	EARLY_NAMELIST	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 838. RQMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
BEANNAME	CHAR	CPSM	240	Yes	DIFF	No	Enterprise bean				23
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	28
CHANGEAGENT	DREPAPI Input/output valid values										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	30

Table 838. RQMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	29
CORBASERVER	CHAR	CPSM	4	Yes	DIFF	No	CorbaServer				17
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				12
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	32
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	0-99999999		27
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				16
INTERFACE	CHAR	CPSM	255	Yes	DIFF	No	Interface name				25
INTFACETYPE	CVDAS	CPSM	4	Yes	LIKE	No	Java interface type	BOTH			20
INTFACETYPE Input/output valid values	HOME, REMOTE, BOTH, NOTAPPLIC										
MODULE	CHAR	CPSM	255	Yes	DIFF	No	Module name				24
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
OMGINTERFACE	CHAR	CPSM	31	No	DIFF	No	Object management group (OMG) interface name				9
OMGMODULE	CHAR	CPSM	58	No	DIFF	No	Object management group (OMG) module name				8
OMGOPERATION	CHAR	CPSM	31	No	DIFF	No	Object management group (OMG) operation name				10
OPERATION	CHAR	CPSM	255	Yes	DIFF	No	Operation name				26
RTYPE	CVDAS	CPSM	4	Yes	LIKE	No	Request model type	GENERIC			19
RTYPE Input/output valid values	EJB, CORBA, GENERIC										

Table 838. RQMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
TRANSID	CHAR	CPSM	4	Yes	DIFF	No	CICS transaction ID				11
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				13
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				14
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				15

## RQMINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a request model definition (RQMDEF) in a resource group (RESGROUP). A RQMDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is RQMGROUP.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

**Usage** API or Batch Utility

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6171

Table 839. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 840. RQMINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 840. RQMINGRP FEEDBACK error codes (continued)

1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 841. RQMINGRP 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
<b>RQMGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>RQMNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Request model definition name	6
<b>RQMVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	Request model definition version	7

## RQMODEL Resource Table

A CICS Resource that describes a request model in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### DISCARD

Discard a request model.

The DISCARD action requires no unique parameter data.

### External resource name

CICSRequestModel

### Length

1232

**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**

EYUt0098

Table 842. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 843. RQMODEL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	23
BEANNAME	CHAR	INQ	240	DIFF	No	Enterprise bean			9
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	14
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	16
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	17
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	15
CORBASERVER	CHAR	INQ	4	DIFF	No	CorbaServer			6
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
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	22
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	21
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	20
INTERFACE	CHAR	INQ	255	DIFF	No	Interface name			11
INTFACETYPE	CVDAS	INQ	4	LIKE	No	Java interface type	BOTH		8

Table 843. RQMODEL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
INTFACETYPE Output valid values	HOME, REMOTE, BOTH, NOTAPPLIC								
MODULE	CHAR	INQ	255	DIFF	No	Module name			10
<b>NAME-1</b>	CHAR	INQ	8	DIFF	Yes	Request model name			1
OMGINTERFACE	CHAR	INQ	31	DIFF	No	Object management group (OMG) interface name		E610P	PLUS
OMGMODULE	CHAR	INQ	58	DIFF	No	Object management group (OMG) module name		E610P	PLUS
OMGOPERATION	CHAR	INQ	31	DIFF	No	Object management group (OMG) operation name		E610P	PLUS
OPERATION	CHAR	INQ	255	DIFF	No	Operation name			12
RTYPE	CVDAS	INQ	4	LIKE	No	Request model type	GENERIC		7
RTYPE Output valid values	EJB, CORBA, GENERIC								
TRANSID	CHAR	INQ	4	DIFF	No	CICS transaction ID			5

## RTAACTV Resource Table

A CPSM Real Time Analysis Manager object that describes the characteristics of an analysis or status definition installed in a specific CICS system.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### DISCARD

Unconditionally remove the installed definition.

### DEACTIVATE

Remove the installed definition honoring a PERIODEF.

These actions require no unique parameter data.

### External resource name

CICSRTAInstalledDefinition

### Length

64

**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**  
EYUt2529

Table 844. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD DEACTIVATE	None None	N/A N/A

Table 845. RTAACTV FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
21	DEACT_NOT_ALLOWED	Deactivate not allowed			

Table 846. RTAACTV resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACTION	CHAR	CPSM	8	DIFF	No	Associated action name	4
<b>ACTIVETIME-2</b>	CHAR	CPSM	8	DIFF	Yes	Period definition name	3
CICSSYS	CHAR	CPSM	8	DIFF	No	CICS system name	2
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Yes	Definition name	1
RATE	BINARY	CPSM	4	AVG	No	Interval between evaluations (seconds)	5
STATUS	EYUDA	CPSM	4	LIKE	No	Definition status	6
STATUS Output valid values	ACTIVE, PENDING						
<b>TYPE-3</b>	RESTYPE	CPSM	2	LIKE	Yes	Analysis definition type (analysis or status)	7

## RTADEF Resource Table

A CPSM Real Time Analysis Definition that describes a single analysis operation for a set of evaluations. The analysis operation controls identify the evaluations to reference and information about the frequency and modes used to determine if the analysis state is TRUE.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### INSTALL

Install the definition into each active CICS system that has Real Time Analysis active within the specified scope. If provided the PERIODEF is used to provide the valid operational time of the RTADEF.

The parameter data for the INSTALL action is:

PARM('[PERIOD(period)].')

where:

period = The name of a PERIODEF definition.

### APINSTALL

Install the definition into an active APSPEC.

The parameter data for the APINSTALL action is:

PARM('APSPEC(spec) [PERIOD(period)].')

where:

spec = (Required) The name of an active APSPEC.

period = The name of a PERIODEF definition.

The RTADEF is installed in each active CICS system in the current scope that has Real Time Analysis active. If provided, the PERIODEF is used to determine the valid operational time of the RTADEF.

### External resource name

CICSRTADefinition

### Length

672

**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

EYUt3507

Table 847. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	PERIOD(value)	No
		SCOPE(value)	No
	APINSTALL	APSPEC(value)	Yes
		PERIOD(value)	No
		SCOPE(value)	No
	ADDTGRP	ACTIVETIME(value)	No
		RESGROUP(value)	Yes

Table 848. RTADEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Not found	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	6	INV_RESTYPE	Invalid restype
7	NONE_INSTALLED	None installed	8	PARTIAL_INSTALL	Partial install
9	ALREADY_INSTALLED	Already installed	10	NO_ACTIVE_SYSTEMS	No active systems for install
11	MISSING_APSPEC	Missing analysis point specification	12	INVALID_APSPEC_NAME	Invalid analysis point specification name
13	INVALID_NAMELIST	Invalid namelist	14	EARLY_NAMELIST_END	Early namelist end
15	INVALID_DEFTYPE	Invalid definition type	16	INVALID_TYPE	Invalid request type
17	INVALID_SCOPE	Invalid scope	18	INVALID_CONTEXT	Invalid context
19	NO_RECORD_FOUND	ORTA definition found for install			

Table 849. RTADEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ACTION	CHAR	CPSM	8	Yes	DIFF	No	Action definition name			9
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			32
CHANGEAGENT Input/output valid values	DREPAPI									
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
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			33
DESC	CHAR	CPSM	58	No	DIFF	No	Description			22
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	31
EVALEXPRTEXT	CHAR	CPSM	500	Yes	DIFF	No	Evaluation expression			24
EXEC_OPS	EYUDA	CPSM	4	Yes	LIKE	No	Execute evaluation modification string	NO		30

Table 849. RTADEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
EXEC_OPS Input/output valid values	YES, NO, ALWAYS									
HSEENTRY	BINARY	CPSM	4	Yes	AVG	No	Count of true evaluations before HS raised	1	1-9999	14
HSEXIT	BINARY	CPSM	4	Yes	AVG	No	Count of false evaluations before HS resolved	1	1-9999	20
HWENTRY	BINARY	CPSM	4	Yes	AVG	No	Count of true evaluations before HW raised	1	1-9999	13
HWEXIT	BINARY	CPSM	4	Yes	AVG	No	Count of false evaluations before HW resolved	1	1-9999	19
LSEENTRY	BINARY	CPSM	4	Yes	AVG	No	Count of true evaluations before LS raised	1	1-9999	11
LSEXIT	BINARY	CPSM	4	Yes	AVG	No	Count of false evaluations before LS resolved	1	1-9999	17
LWENTRY	BINARY	CPSM	4	Yes	AVG	No	Count of true evaluations before LW raised	1	1-9999	12
LWEXIT	BINARY	CPSM	4	Yes	AVG	No	Count of false evaluations before LW resolved	1	1-9999	18
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
RATE	BINARY	CPSM	4	Yes	AVG	No	Analysis interval	300	1-86400	8
VHSEENTRY	BINARY	CPSM	4	Yes	AVG	No	Count of true evaluations before VHS raised	1	1-9999	15
VHSEXIT	BINARY	CPSM	4	Yes	AVG	No	Count of false evaluations before VHS resolved	1	1-9999	21

Table 849. RTADEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
VLSENTRY	BINARY	CPSM	4	Yes	AVG	No	Count of true evaluations before VLS raised	1	1-9999	10
VLSEXIT	BINARY	CPSM	4	Yes	AVG	No	Count of false evaluations before VLS resolved	1	1-9999	16

## RTAGROUP Resource Table

A CPSM Real Time Analysis Definition that provides the association anchor for a set of RTADEF or STATDEF definitions. References to the RTAGROUP are inferred to be references to the set of associated RTADEF or STATDEF instances.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### INSTALL

Install the set of definition RTADEF and STATDEF instances in the group into each active CICS system that has Real Time Analysis active within the specified scope.

### APINSTALL

Install the set of definition into an active APSPEC.

The parameter data for the APINSTALL action is:

```
PARM('APSPEC(spec).')
```

where:

spec = (Required) The name of an active APSPEC.

Only the set of RTADEF instances associated with the RTAGROUP are installed since an APSPEC does not support STATDEF objects.

### External resource name

CICSRTAGroup

### Length

112

**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**  
EYUt3505

Table 850. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	SCOPE(value)	No
	APINSTALL	APSPEC(value)	Yes
		SCOPE(value)	No
	ADDTOSPC	SPEC(value)	Yes
	ADDTOAPS	SCOPE(value)	No
		SPEC(value)	Yes

Table 851. RTAGROUP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	6	INV_RESTYPE	Invalid Restype
7	INV_VER	Invalid version	21	NONE_INSTALLED	No groups installed
22	PARTIAL_INSTALL	Partial install	23	NO_ACTIVE_SYSTEMS	No active systems
24	DUPLICATE_DEFINITION	Duplicate definition			

Table 852. RTAGROUP 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
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			10



Table 852. RTAGROUP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
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
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	RTA group			5

## RTAINAPS Resource Table

A CPSM Real Time Analysis Definition that describes the membership of a real-time analysis group (RTAGROUP) in an analysis point specification (APSPEC). An RTAGROUP can be a member of multiple APSPECs.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### External resource name

CICSRTAGroupInAnalysisPointSpecification

### Length

64

**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

EYUt5124

Table 853. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 854. RTAINAPS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found

Table 854. RTAINAPS FEEDBACK error codes (continued)

3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version

Table 855. RTAINAPS 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 modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
<b>GROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	RTA group	6
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Analysis point specification	5
SCOPE	CHAR	CPSM	8	No	DIFF	No	Scope of RTA definitions in group	7

## RTAINGRP Resource Table

A CPSM Real Time Analysis Definition that describes the membership of a real-time analysis definition (RTADEF) in a real-time analysis group (RTAGROUP). An RTADEF can be a member of multiple RTAGROUPs.

The **Primary** key field for this resource class is GROUP.

There are no object specific actions for this resource class.

**External resource name**

CICSRTAResourceInGroup

**Length**

64

**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**

EYUt5377

Table 856. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

Table 857. RTAINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	6	INV_RESTYPE	Invalid resource type

Table 858. RTAINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
ACTIVETIME	CHAR	CPSM	8	No	DIFF	No	Period definition	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 modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
<b>DEFNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	RTA definition	6
<b>GROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	RTA group	5

## RTAINSPC Resource Table

A CPSM Real Time Analysis Definition that describes the membership of a real-time analysis group (RTAGROUP) in a real-time analysis specification (RTASPEC). An RTAGROUP may be a member of multiple RTASPECs.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### External resource name

CICSRTAGroupInSpecification

### Length

56

**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**

EYUt5122

*Table 859. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

*Table 860. RTAINSPC FEEDBACK error codes*

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists

*Table 861. RTAINSPC 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
<b>GROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	RTA group	6
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	RTA specification name	5

## RTASPEC Resource Table

A CPSM Real Time Analysis Definition that describes the RTA control directives for a set of CICS systems. Using group associators, an RTASPEC object can determine which RTADEF and STATDEF instances are to be installed in each CICS system. Using scope link associators (LNKSRSCS), an RTASPEC object can determine which CICS systems fall under its processing scope. A CICS system can have a scope link associator to only one RTASPEC.

The **Primary** key field for this resource class is NAME.

**External resource name**  
CICSRTASpecification

**Length**  
184

**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**  
EYUt3512

Table 862. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDSYSGRP	FORCE	No
		GROUP(value)	Yes
		INHERIT(NONE   NULL   FORCE)	Yes
		NONE	No
		NULL	No
	ADDSYSDEF	SYSTEM(value)	Yes

Table 863. RTASPEC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Does not exist	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	8	ACTION_NOT_FOUND	Action not found
9	LNKASSOC_EXISTS	Association already exists			

Table 864. RTASPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	No	Last modification agent			20
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			23
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			22
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			21
DESC	CHAR	CPSM	58	No	DIFF	No	Description			18
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	19
MXTACTION	CHAR	CPSM	8	No	DIFF	No	Action for CICS-at-maximum-tasks event			16
MXTSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for CICS-at-maximum-tasks event			10
MXTSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A									
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	RTA specification name			5
SAMACTION	CHAR	CPSM	8	No	DIFF	No	Action for system availability monitoring event			12
SAMSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for system availability monitoring event			6
SAMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A									
SDMACTION	CHAR	CPSM	8	No	DIFF	No	Action for system dump event			14
SDMSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for system dump event			8

Table 864. RTASPEC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
SDMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A									
SOSACTION	CHAR	CPSM	8	No	DIFF	No	Action for short on storage (SOS) event			13
SOSSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for short on storage (SOS) event			7
SOSSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A									
STLACTION	CHAR	CPSM	8	No	DIFF	No	Action for CICS-stalled event			17
STLSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for CICS-stalled event			11
STLSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A									
TDMACTION	CHAR	CPSM	8	No	DIFF	No	Action for transaction dump event			15
TDMSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for transaction dump event			9
TDMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A									

## SESINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a session definition (SESSDEF) in a resource group (RESGROUP). A SESSDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is SESSGROUP.

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6155

Table 865. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 866. SESINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 867. SESINGRP 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
<b>SESSGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>SESSNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Session definition name	6
<b>SESSVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	Session definition version	7



## SESSDEF Resource Table

A CICS Definition that describes a session, which is a logical link between connected systems.

The **Primary** key field for this resource class is NAME.

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:

### ADDTOGRP

Add a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

The parameter data for the CSDCOPY action is described in “Managing CICS definitions in the CSD” on page 14.

### External resource name

CICSDefinitionSession

### Length

496

**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

CICS Definition

### Copybook identifier

EYUt3810

Table 868. 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 SET	ADDTOGRP	RESGROUP(value)	Yes
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR   DUNNOREPLACE   DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 869. SESSDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	INV_CSDGROUP	Invalid CSD group	30	REC_NOT_REMOVED	Record not removed
31	INV_RESOURCE	Invalid resource	32	INV_CICS_RESTYPE	Invalid CICS restype
33	PARTIAL_ACTION	Partial action	34	NOTHING_ACTIONED	Nothing actioned
35	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	36	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
37	CSD_ERROR	CSD error			

Table 870. SESSDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
AUTOCONNECT	EYUDA	CPSM	4	Yes	LIKE	No	Autoconnect option	NO			8
AUTOCONNECT Input/output valid values	YES, NO, ALL										
BUILDCHAIN	EYUDA	CPSM	4	Yes	LIKE	No	Chain assembly required	YES			9
BUILDCHAIN Input/output valid values	YES, NO										
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	57
CHANGEAGENT Input/output valid values	DREPAPI										

Table 870. SESSDEF 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	59
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	58
CONNECTION	CHAR	CPSM	4	Yes	DIFF	No	Connection definition name				10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				49
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	61
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	87	0-99999999		56
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				53
DISCREQ	EYUDA	CPSM	4	Yes	LIKE	No	Honor disconnect requests	NO			11
DISCREQ Input/output valid values	YES, NO										
INSERVICE	EYUDA	CPSM	4	Yes	LIKE	No	Session inservice	N_A		E330P1305	105
INSERVICE Input/output valid values	YES, NO, N_A										
IOAREALEN	CHAR	CPSM	8	No	DIFF	No	Minimum terminal input output area (TIOA) size	0	0-32767		12
IOAREALEN2	CHAR	CPSM	8	No	DIFF	No	Alternate terminal input output area (TIOA) size	0	0-32767		13
MAXCTWIN	CHAR	CPSM	4	No	DIFF	No	Maximum number of contention winner sessions		0-999		15

Table 870. SESSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
MAXINGRP	CHAR	CPSM	4	No	DIFF	No	Maximum number of sessions in the group		0-999		14
MODENAME	CHAR	CPSM	8	No	DIFF	No	Mode name				16
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
NEPCLASS	CHAR	CPSM	4	No	DIFF	No	Network error program transaction class	0	0-255		17
NETNAMEQ	CHAR	CPSM	8	No	DIFF	No	Name IMS system uses to identify session				18
OPERID	CHAR	CPSM	3	No	DIFF	No	Operator identifier			E330P	137S
OPERPRIORITY	CHAR	CPSM	4	No	DIFF	No	Operator priority	0	0-255	E330P	139S
OPERRSL	CHAR	CPSM	50	No	DIFF	No	Operator resource security keys			E330P	144S
OPERSEC	CHAR	CPSM	150	No	DIFF	No	Operator transaction security keys			E330P	135S
PARTCODEPAGE	CHAR	CPSM	8	No	DIFF	No	Partner code page	0	0-65534	EALL	33
PROTOCOL	CVDAS	CPSM	4	Yes	LIKE	No	Intercomm link protocol	APPC			19
PROTOCOL Input/output valid values	APPC, EXCI, LU61, NOTAPPLIC										
RECEIVECOUNT	CHAR	CPSM	4	No	DIFF	No	Receive count		1-999		20
RECEIVEPFX	CHAR	CPSM	2	No	DIFF	No	Receive prefix				35
RECEIVESIZE	CHAR	CPSM	8	No	DIFF	No	Receive buffer size	4096	1-30720		21
RECOVNOTIFY	EYUDA	CPSM	4	Yes	LIKE	No	XRF recovery notification option	N_A		E410P	135S
RECOVNOTIFY Input/output valid values	NONE, MESSAGE, TRANSACTION, N_A										

Table 870. SESSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
RECOVOPTION	EYUDA	CPSM	4	Yes	LIKE	No	Recovery option	SYSDEFAULT			22
RECOVOPTION Input/output valid values	SYSDEFAULT, CLEARCONV, NONE, RELEASESESS, UNCONDREL										
RELREQ	EYUDA	CPSM	4	Yes	LIKE	No	Honor release requests	NO			24
RELREQ Input/output valid values	YES, NO										
SENDCOUNT	CHAR	CPSM	4	No	DIFF	No	Send count		1-999		25
SENDPFX	CHAR	CPSM	2	No	DIFF	No	Send prefix				36
SENDSIZE	CHAR	CPSM	8	No	DIFF	No	Send buffer size	4096	1-30720		26
SESSNAME	CHAR	CPSM	4	No	DIFF	No	Session name				27
SESSPRIORITY	CHAR	CPSM	4	No	DIFF	No	Session priority	0	0-255		28
TRANSACTION	CHAR	CPSM	4	No	DIFF	No	Transaction to be initiated from device			E330P	31S
USERAREALEN	CHAR	CPSM	4	No	DIFF	No	User area size	0	0-255	E410P	32S
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				50
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				51
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				52
USERID	CHAR	CPSM	8	No	DIFF	No	User signon ID				34

## SMFJRNL Resource Table

A CICS Resource that describes an SMF type journal in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is JOURNALNUM.

There are no object specific actions for this resource class.

**External resource name**

**Length**  
 40  
**Usage** EVALDEF  
**API view**  
 Yes  
**CMAS context**  
 No  
**SCOPE applies**  
 Yes  
**Only query CMASs in workload**  
 No  
**Object type**  
 CICS Resource  
**Copybook identifier**  
 EYUt0014

Table 871. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

Table 872. SMFJRN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
AVGSIZE	BINARY	STAT	2	AVG	No	Average block size	2
BLKWRCNT	DECIMAL	STAT	4	AVG	No	Number of blocks written	4
BUFULLCNT	DECIMAL	STAT	3	AVG	No	Number of times buffer was full	6
<b>JOURNALNUM-1</b>	BINARY	INQ	2	AVG	Yes	Journal number	1
OPENSTATUS	CVDAS	INQ	4	LIKE	Yes	Open status	3
OPENSTATUS Output valid values	OPENOUTPUT, CLOSED						
RECWRCNT	DECIMAL	STAT	5	AVG	No	Number of records written	5

## STAINGRP Resource Table

A CPSM Real Time Analysis Definition that describes the membership of a status definition (STATDEF) in a real-time analysis group (RTAGROUP). A STATDEF can be a member of multiple RTAGROUPs.

The **Primary** key field for this resource class is GROUP.

There are no object specific actions for this resource class.

### External resource name

CICSRTAStatusDefinitionInGroup

**Length**

64

**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**

EYUt5381

*Table 873. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

*Table 874. STAINGRP FEEDBACK error codes*

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	6	INV_RESTYPE	Invalid resource type

*Table 875. STAINGRP resource table attributes*

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
ACTIVETIME	CHAR	CPSM	8	No	DIFF	No	Period definition	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 modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
<b>DEFNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Status definition	6
<b>GROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	RTA group	5

## STATDEF Resource Table

A CPSM Real Time Analysis Definition that describes a site-defined status probe program to be run in a CICS system as part of Real Time Analysis processing.

The **Primary** key field for this resource class is NAME.

The following action is supported:

### INSTALL

Install the definition into each active CICS system that has Real Time Analysis active within the specified scope. If provided the PERIODEF is used to provide the valid operational time of the STATDEF.

The parameter data for the INSTALL action is:

```
PARM(' [PERIOD(period)].')
```

where:

period = The name of a PERIODEF definition.

The STATDEF is installed in each active CICS system in the current scope that has Real Time Analysis active. If provided, the PERIODEF is used to determine the valid operational time of the STATDEF.

### External resource name

CICSRTAStatusDefinition

### Length

192

**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

EYUt3516

Table 876. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	PERIOD(value)	No
		SCOPE(value)	No
	ADDTGRP	ACTIVETIME(value)	No
		RESGROUP(value)	Yes



Table 877. STATDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	6	INV_RESTYPE	Invalid resource type
21	NONE_INSTALLED	None installed	22	PARTIAL_INSTALL	Partial install
23	NO_ACTIVE_SYSTEMS	No active systems			

Table 878. STATDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ACTION	CHAR	CPSM	8	Yes	DIFF	No	Action definition name			10
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			33
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			36
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			35
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			34
DESC	CHAR	CPSM	58	No	DIFF	No	Description			25
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	32
FREQ	BINARY	CPSM	4	Yes	AVG	No	Interval between calls to status program (seconds)	300	1-86400	8
HSENTRY	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with HS true before event	1	1-9999	15
HSEXIT	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with HS false before resolution	1	1-9999	21

Table 878. STATDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
HWENTRY	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with HW true before event	1	1-9999	14
HWEXIT	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with HW false before resolution	1	1-9999	20
LSENTRY	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with LS true before event	1	1-9999	12
LSEXIT	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with LS false before resolution	1	1-9999	18
LWENTRY	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with LW true before event	1	1-9999	13
LWEXIT	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with LW false before resolution	1	1-9999	19
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
STATPGM	CHAR	CPSM	8	No	DIFF	No	Status program name			9
TRANID	CHAR	CPSM	4	No	DIFF	No	Transaction ID for task			24
USERID	CHAR	CPSM	8	No	DIFF	No	User ID for task			23
VHSENTRY	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with VHS true before event	1	1-9999	16
VHSEXIT	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with VHS false before resolution	1	1-9999	22
VLSENTRY	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with VLS true before event	1	1-9999	11
VLSEXIT	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with VLS false before resolution	1	1-9999	17

## STREAMNM Resource Table

A CICS Resource that describes anMVS log stream used by an active system running the CICS TS for OS/390 and being managed by CICSplex SM.

The **Primary** key field for this resource class is STREAMNAME.

There are no object specific actions for this resource class.

**External resource name**

CICSMVSLogStream

**Length**

160

**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**

EYUt0078

Table 879. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

Table 880. STREAMNM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
AUTODEL	EYUDA	STAT	4	LIKE	No	Auto-delete option	21
AUTODEL Output valid values	YES, NO						
BRWREAD	BINARY	STAT	4	AVG	No	Number of reads from log	13
BRWSTRT	BINARY	STAT	4	AVG	No	Number of log browse starts	12
BUFAPPNDRQ	BINARY	STAT	4	AVG	No	Number of buffer append requests	16
BUFFWAIT	BINARY	STAT	4	AVG	No	Number of waits due to buffer being full	11
BYTES	BINARY	STAT	8	AVG	No	Total number of bytes written	7
CUFWTRS	BINARY	STAT	4	AVG	No	Current number of tasks waiting for buffer flush	8
DASDONLY	EYUDA	STAT	4	LIKE	No	DASD-only option	17

Table 880. STREAMNM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
DASDONLY Output valid values	YES, NO						
DELETES	BINARY	STAT	4	AVG	No	Number of log-tail deletes	14
LGGAKPFREQ	BINARY	STAT	4	AVG	Yes	Activity keypoint frequency	26
LGGAKPSTKN	BINARY	STAT	4	AVG	No	Number of activity keypoints taken	28
LGGLGDEFER	BINARY	STAT	4	AVG	Yes	Log deferral interval	27
LGSQUERIES	BINARY	STAT	4	AVG	No	Logstream query count	32
MAXBLK	BINARY	STAT	4	AVG	No	Maximum block size	19
PKFWTRS	BINARY	STAT	4	AVG	No	Peak number of tasks waiting for buffer flush	9
RETPD	BINARY	STAT	4	AVG	No	Data retention period (days)	20
RETRYERRS	BINARY	STAT	4	AVG	No	Number of retryable errors	15
RWRITES	RATE3	CPSM	8	AVG	No	Rate of writes to log	34
STATUS	CVDAS	INQ	4	LIKE	No	Log stream status	3
STATUS Output valid values	OK, FAILED						
STRCNAME	CHAR	STAT	16	DIFF	No	Coupling facility structure	18
<b>STREAMNAME-1</b>	CHAR	INQ	26	DIFF	Yes	MVS log stream	1
SYSTEMLOG	CVDAS	INQ	4	LIKE	No	System log indicator	4
SYSTEMLOG Output valid values	SYSLOG, NOSYSLOG						
TFCWAIT	BINARY	STAT	4	AVG	No	Total number of tasks that waited for buffer flush	10
USECOUNT	BINARY	INQ	4	SUM	No	Number of journals and forward recovery logs	5
WRITES	BINARY	STAT	4	AVG	No	Number of write requests	6

## SYSDUMP Resource Table

A CICS Resource that describes a system dump code in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is SYSDUMPCODE.

The following actions are supported:

**ADD** Add a system dump code.

The parameter data for the ADD action is:

```
PARM('CODE(code) [SCOPE(cvda1)] [MAX(nnn)]  
[SHUT(cvda2)] [SDUMP(cvda3)] [DAE(cvda4)].')
```

where:

- *code* is required and must be the 1- to 8-character system dump code.
- *cvda1* is one of the following valid CVDA values for the dump scope option:

LOCAL  
RELATED

- *nnn* is the maximum number of dumps, from 0 - 999.
- *cvda2* is one of the following valid CVDA values for the shutdown option:  
SHUTDOWN  
NOSHUTDOWN
- *cvda3* is one of the following valid CVDA values for the system dump option:  
SYSDUMP  
NOSYSDUMP
- *cvda4* is one of the following valid CVDA values for the DAE option:  
DAE  
NODAE

**DELETE**

Remove a system dump code.

**RESET**

Reset system dump code values.

**External resource name**

CICSSystemDump

**Length**

56

**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**

EYUt0004

Table 881. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADD	CODE(value)	Yes
		DAE(DAE NODAE)	No
		MAX(value)	No
		SCOPE(LOCAL RELATED)	No
		SDUMP(SYSDUMP NOSYSDUMP)	No
		SHUT(SHUTDOWN NOSHUTDOWN)	No
	RESET	None	N/A
	DELETE	None	N/A

Table 882. SYSDUMP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
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Table 882. SYSDUMP FEEDBACK error codes (continued)

1	ADD_FAILED	Add failed
---	------------	------------

Table 883. SYSDUMP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CURRENT	BINARY	INQ	4	AVG	No	Number of dump calls since last reset	2
DAEOPTION	CVDAS	INQ	4	LIKE	Yes	Dump analysis and elimination (DAE) option	9
DAEOPTION Input/output valid values	NODAE, DAE						
MAXIMUM	BINARY	INQ	4	AVG	Yes	Maximum number of dumps with this code	3
SDMPSUPP	BINARY	STAT	4	AVG	No	Number of system dumps suppressed	7
SDMPTOTL	BINARY	STAT	4	AVG	No	Number of system dumps taken	6
SDUMPSCOPE	CVDAS	INQ	4	LIKE	Yes	System dump scope type	8
SDUMPSCOPE Input/output valid values	LOCAL, RELATED						
SHUTOPTION	CVDAS	INQ	4	LIKE	Yes	Shutdown option	4
SHUTOPTION Input/output valid values	SHUTDOWN, NOSHUTDOWN						
<b>SYSDUMPCODE-1</b>	CHAR	INQ	8	DIFF	Yes	System dump code	1
SYSDUMPING	CVDAS	INQ	4	LIKE	Yes	System dump option	5
SYSDUMPING Input/output valid values	SYSDUMP, NOSYSDUMP						

## SYSPARM Resource Table

A CICS Resource that describes a system initialization parameter or a system initialization parameter override in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is KEYWORD-1 .

The following action is supported:

**GET** Get a parameter from a specified source table.

**External resource name**  
CICSSystemParameter

**Length**  
328

**Usage** API 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**  
 EYUt0197

Table 884. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		PARMSRCE(TABLE   CONSOLE   SYSIN   JCL   COMBINED) PARMTYPE(SIT)	No

Table 885. SYSPARM FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INVALID_SOURCE	Invalid source parameter	2	INVALID_TYPE	Invalid type parameter
3	INVALID_NAME	Unknown keyword name			

Table 886. SYSPARM 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	
<b>KEYWORD-1</b>	CHAR	INQ	32	DIFF	Yes		1
<b>SEGNUM-2</b>	BINARY	INQ	4	MAX	No		5
SEGTOT	BINARY	INQ	4	MAX	No		6
SOURCE	EYUDA	INQ	4	LIKE	No		3
SOURCE Output valid values	TABLE, CONSOLE, SYSIN, JCL, COMBINED						
TOTALLEN	BINARY	INQ	4	MAX	No		7
TYPE	EYUDA	INQ	4	LIKE	No		2
TYPE Output valid values	SIT						
VALUE	CHAR	INQ	255	DIFF	No		8
VALUELEN	BINARY	INQ	4	MAX	No		4

## SYSLINK Resource Table

A CICSplex SM topology definition that describes the endpoints of a communications link between two CICS systems being managed by CICSplex SM. A SYSLINK record is created when connection and sessions definitions (CONNDEF and SESSDEF) or IPIC and TCP/IP definitions (IPCONDEF and TCPDEF) are installed in one of the CICS systems; that information is used to create a link to the other CICS system.

The **Primary** key field for this resource class is FROMCSYS.

The following actions are supported:

### INSTALL

Install a System Link.

The parameter data for the INSTALL action is:

```
PARM(' [NOTIFY(notify)]
      [STATECHK(statechk)]
      [FORCEINS(forceins)].')
```

where:

notify = Type of checking to be performed before install.  
statechk = Whether the existence and operational state of each resource should be checked before install.  
forceins = Whether definitions should be installed even if CICSplex SM believes they do not need to be.

**External resource name**  
CICSSystemLink

**Length**  
80

**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**  
EYUt4610

Table 887. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES NO) NOTIFY(NO INACTIVE RELEASE FULL)	No



Table 887. Valid CPSM operations (continued)

STATECHK(YES NO)	No
------------------	----

Table 888. SYSLINK FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INV_RECADDR	Invalid record address
22	INV_RECLEN	Invalid record length	23	INV_ACTION	Invalid action
24	LOGICAL_DUP	Logical duplicate	25	INV_MAJNAME	Invalid major name
26	INV_MINNAME	Invalid minor name	27	INV_QUALNAME	Invalid qualifier name
28	INV_FORTHNAME	Invalid session definition name	29	NOTIFY	Notify
30	PARTIAL_INSTALL	Partial install	31	NOTHING_INSTALLED	Nothing installed
32	NO_ACTIVE_SYSTEMS	No active systems	33	INV_NAMELIST	Invalid name list
34	INV_NOTIFY	Invalid notify	35	INV_FORCEINS	Invalid force install
36	INV_STATECHK	Invalid state check	37	INV_LINKTYPE	Invalid link type

Table 889. SYSLINK resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent		15
CHANGEAGENT Input/output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release		18
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification		1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID		17
<b>CONNDEF-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Primary Connection definition name		9
<b>CONNDEFVER-4</b>	BINARY	CPSM	1	Yes	AVG	Yes	Primary connection definition version		11
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created		16
<b>FROMCSYS-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Primary CICS system name		5
<b>LINKTYPE-7</b>	EYUDA	CPSM	4	Yes	LIKE	No	Connection resource type	SNA	14
LINKTYPE-7 Input/output valid values	SNA								
<b>SESSDEF-5</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Secondary connection definition name		10

Table 889. SYSLINK resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Attr ID
<b>SESSDEFVER-6</b>	BINARY	CPSM	1	Yes	AVG	Yes	Secondary connection definition version		12
<b>TOCSYS-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Secondary CICS system name		7

## SYSRES Resource Table

A CPSM Business Application Services Manager object that describes the set of CICS Definitions to be installed in a CICS system.

This object is referenced within the scope of a CICSplex and CICS system. As such, the CICS system must be explicitly identified in the API GET command PARM option by coding the following text string:

### APAR PQ30578

Documentation for APAR PQ30578 addedd 18/04/2000

```
PARM('CICSSYS(sysname).')
```

where:

sysname = (Required) The name of a CICSplex SM managed CICS system.

The CICS system name is required.

The **Primary** key field for this resource class is RESDEF.

There are no object specific actions for this resource class.

### External resource name

CICSResourceBySystem

### Length

88

**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

EYUt2611

Table 890. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	Yes

Table 891. SYSRES FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	CICSSYS_NOT_FOUND	CICS system not found			

Table 892. SYSRES resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ALIAS	CHAR	CPSM	8	DIFF	No	Alias for remote definition	16
<b>CICSSYS-5</b>	CHAR	CPSM	8	DIFF	Yes	CICS system name	4
DEFVER	BINARY	CPSM	1	AVG	No	Resource definition version	12
MODE	EYUDA	CPSM	4	LIKE	No	Resource usage qualifier	11
MODE Output valid values	AUTO, DYNAM, EXTRA, INTRA, IND, STAT						
<b>RDEFTYPE-2</b>	CHAR	CPSM	8	DIFF	Yes	Resource definition type	6
<b>REFDEF-4</b>	CHAR	CPSM	8	DIFF	Yes	Referenced definition name	13
REFTYPE	CHAR	CPSM	8	DIFF	No	Referenced definition type	15
REFVER	CHAR	CPSM	2	DIFF	No	Referenced definition version	14
RESASSGN	CHAR	CPSM	8	DIFF	No	Resource assignment name	8
<b>RESDEF-1</b>	CHAR	CPSM	8	DIFF	Yes	Resource definition name	5
<b>RESDESC-3</b>	CHAR	CPSM	8	DIFF	Yes	Resource description name	7
RESGROUP	CHAR	CPSM	8	DIFF	No	Resource group name	9
USAGE	EYUDA	CPSM	4	LIKE	No	Resource usage type	10
USAGE Output valid values	LOCAL, REMOTE, ASIS						

## TAPEJRNL Resource Table

A CICS Resource that describes a tape journal in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is JOURNALNUM.

The following actions are supported:

### ADVANCE

Advance a tape journal.

### CLOSE

Close a tape journal.

### LEAVE

Close and leave a tape journal position.

### OPEN

Open a tape journal.

These actions require no unique parameter data.

**External resource name**

**Length**  
64

**Usage** EVALDEF

**API view**  
Yes

**CMAS context**  
No

**SCOPE applies**  
Yes

**Only query CMASs in workload**  
No

**Object type**  
CICS Resource

**Copybook identifier**  
EYU0015

Table 893. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADVANCE	None	N/A
	CLOSE	None	N/A
	LEAVE	None	N/A
	OPEN	None	N/A

Table 894. TAPEJRNL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
AVGSIZE	BINARY	STAT	2	AVG	No	Average block size	2
BLKWRCNT	DECIMAL	STAT	4	AVG	No	Number of blocks written	10
BUFULLCNT	DECIMAL	STAT	3	AVG	No	Number of times buffer was full	12
CURVOL	CHAR	INQ	6	DIFF	No	Current volume	7
<b>JOURNALNUM-1</b>	BINARY	INQ	2	AVG	Yes	Journal number	1
LASTVOL	CHAR	STAT	6	DIFF	No	Last volume written	6
OLDPART	CNUMERIC	INQ	4	AVG	No	Serial number of first tape in journal	5
OPENSTATUS	CVDAS	INQ	4	LIKE	Yes	Open status	4
OPENSTATUS Input/output valid values	OPENOUTPUT, CLOSED						
OPENSTATUS Input valid values	ADVANCE, CLOSELEAVE						
RECWRCNT	DECIMAL	STAT	5	AVG	No	Number of records written	11
TAPESLFT	BINARY	STAT	2	AVG	No	Number of tapes left	9
TAPESOPEN	BINARY	STAT	2	AVG	No	Number of tapes opened	8

Table 894. TAPEJRNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
TYPE	CVDAS	INQ	4	LIKE	No	Journal type	3
TYPE Output valid values	TAPE1, TAPE2						

## TASKASSC Resource Table

A CICSplex SM definition that, in a TCP/IP network, provides information about the tasks that make up a distributed transaction. The tasks that make up a distributed transaction have the same transaction group ID and thus the records are organized by transaction group ID. You can filter the records using a substring of the user correlation data that has been added (by a CICS XAPADMGR global user exit program) to the user data section of the task's associated data origin descriptor.

The following actions are supported:

**GET** Retrieve the TASKASSC records for a specified task or transaction group ID.

**External resource name**

CICSTaskAssociation

**Length**

1056

**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**

EYUt0169

Table 895. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 896. TASKASSC 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		

Table 896. TASKASSC resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
APPLDATA	CHAR	INQ	40	DIFF	No	Socket application data		11
APPLID	CHAR	INQ	8	DIFF	No	Application ID		12
CLIENTIPADDR	CHAR	INQ	39	DIFF	No	Client IP address		35
CLIENTLOC	CHAR	INQ	32	DIFF	No	Cluster connection type	E640 E650	40
CLIENTPORT	BINARY	INQ	4	DIFF	No	TCP/IP stack port number		13
CLNTIPFAMILY	CVDAS	INQ	4	LIKE	No	Client IP address format	E640 E650	42
CLNTIPFAMILY Output valid values	IPV4, IPV6, NOTAPPLIC							
DNAME	HEX	INQ	246	DIFF	No	Distinguished name	E640 E650	43
FACILNAME	CHAR	INQ	8	DIFF	No	Facility name		17
FACILTYPE	CVDAS	INQ	4	LIKE	No	Facility type		5
FACILTYPE Output valid values	NONE, TERMINAL, TRANDATA, START, STARTTERM, SCHEDULER, XMRUNTRAN, BRIDGE, SOCKET, WEB, RRSUR, LU61, APPC, MRO, IIOP, IPIC, RZINSTOR, IPECI, UNKNOWN, EVENT							
INITUSERID	CHAR	INQ	8	DIFF	No	User ID of initiating task		14
IPCONN	CHAR	INQ	8	DIFF	No	IPCONN resource		15
IPFAMILY	CVDAS	INQ	4	LIKE	No	Server IP address format		6
IPFAMILY Output valid values	IPV4, IPV6, NOTAPPLIC							
LUNAME	CHAR	INQ	8	DIFF	No	VTAM LU name		16
MVSIMAGE	CHAR	INQ	8	DIFF	No	MVS image		18
NETID	CHAR	INQ	8	DIFF	No	Network ID		33
ODAPPLID	CHAR	INQ	8	DIFF	No	Originating Application ID		19
ODCLNTIPADDR	CHAR	INQ	39	DIFF	No	Originating client IP address		36
ODCLNTPORT	BINARY	INQ	4	DIFF	No	Originating TCP/IP stack port number		3
ODFACILNAME	CHAR	INQ	8	DIFF	No	Originating facility name		20
ODFACILTYPE	CVDAS	INQ	4	LIKE	No	Originating facility type		4
ODFACILTYPE Output valid values	NONE, TERMINAL, TRANDATA, START, STARTTERM, SCHEDULER, XMRUNTRAN, BRIDGE, SOCKET, WEB, RRSUR, LU61, APPC, MRO, IIOP, IPIC, RZINSTOR, IPECI, UNKNOWN							
ODIPFAMILY	CVDAS	INQ	4	LIKE	No	Originating client IP address format		7
ODIPFAMILY Output valid values	IPV4, IPV6, NOTAPPLIC							
ODLUNAME	CHAR	INQ	8	DIFF	No	Originating VTAM LU name		21
ODNETID	CHAR	INQ	8	DIFF	No	Originating network ID		34
ODNETWORKID	CHAR	INQ	8	DIFF	No	Originating network ID		32
ODSTARTTIME	TIMESTP	INQ	8	MIN	No	Originating task start time		10
ODSTARTTM	CHAR	INQ	21	MIN	No	Originating task start time		39
ODTASKID	DECIMAL	INQ	4	MIN	No	Originating task		22
ODTRANSID	CHAR	INQ	4	DIFF	No	Originating transaction ID		23
ODUSERID	CHAR	INQ	8	DIFF	No	Originating user ID		24
PROGRAM	CHAR	INQ	8	DIFF	No	First program		25

Table 896. TASKASSC resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
REALM	HEX	INQ	255	DIFF	No	Basic authentication realm name	E640 E650	44
SERVERIPADDR	CHAR	INQ	39	DIFF	No	Scheduling IP server		37
SERVERPORT	BINARY	INQ	4	DIFF	No	TCPIPSERVICE listening port		8
STARTTIME	TIMESTP	INQ	8	MIN	No	Task start time		9
STARTTM	CHAR	INQ	21	MIN	No	Task start time		38
<b>TASKID-1</b>	DECIMAL	INQ	4	MIN	Yes	Task ID		1
TCPIPJOB	CHAR	INQ	8	DIFF	No	TCP/IP job		26
TCPIPSERVICE	CHAR	INQ	8	DIFF	No	TCP/IP service name		27
TCPIPZONE	CHAR	INQ	8	DIFF	No	TCP/IP network security zone		28
TRANSACTION	CHAR	INQ	4	DIFF	No	Transaction ID		29
TRNGRPID	HEX	INQ	28	DIFF	No	Transaction group ID		2
USERCORRDATA	CHAR	INQ	64	DIFF	No	User correlation data		30
USERID	CHAR	INQ	8	DIFF	No	User ID		31

## TASKESTG Resource Table

A CICS Resource that describes a CICS storage element for a task.

The key for this resource is a composite element.

There are no object specific actions for this resource class.

**External resource name**  
CICSTaskStorage

**Length**  
40

**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**  
EYUt0144

Table 897. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 898. TASKESTG resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
DSANAME	CHAR	STAT	8	DIFF	No	DSA name	3
<b>ELEMENTADDR-2</b>	HEX	INQ	4	MAX	Yes	Storage element address	2
ELEMENTLEN	BINARY	INQ	4	AVG	No	Element length	4
<b>TASK-1</b>	DECIMAL	INQ	4	MAX	Yes	Task number	1

## TASKFILE Resource Table

A CICS Resource that describes tasks and the CICS files they have used in an active system being managed by CICSplex SM. Note that for these records to be available, the MAS must be running with the SIT parameter MNRES=ON, and be using an MCT that specifies a value for FILE greater than 0 on the DFHMCT TYPE=INITIAL macro.

The **Primary** key field for this resource class is MNRTASKNO.

There are no object specific actions for this resource class.

**External resource name**

CICSTaskFileUsage

**Length**

176

**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**

EYUt0115

Table 899. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A



Table 900. TASKFILE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
DSNAME	CHAR	INQ	44	DIFF	No	Data set name	8
FCAMCNT	BINARY	STAT	4	AVG	No	Number of access method calls	9
MNRADD	SCLOCK	STAT	8	AVG	No	ADD request time and count	14
MNRBRWSE	SCLOCK	STAT	8	AVG	No	BROWSE request time and count	10
MNRCDTIOWT	SCLOCK	STAT	8	AVG	No	CFDT I/O wait time and count	18
MNRDEL	SCLOCK	STAT	8	AVG	No	DELETE request time and count	12
MNRFILELIMIT	EYUDA	STAT	4	LIKE	No	File limit exceeded	21
MNRFILELIMIT Output valid values	YES, NO						
MNRGET	SCLOCK	STAT	8	AVG	No	READ request time and count	11
MNRLOWT	SCLOCK	STAT	8	AVG	No	File I/O wait time and count	16
<b>MNRNAME-2</b>	CHAR	STAT	8	DIFF	Yes	File ID	7
MNRPUT	SCLOCK	STAT	8	AVG	No	WRITE request time and count	13
MNRRLSIOWT	SCLOCK	STAT	8	AVG	No	RLS I/O wait time and count	17
MNRSTART	TIMESTP	STAT	8	MAX	No	Task start time	20
<b>MNRTASKNO-1</b>	DECIMAL	STAT	4	AVG	Yes	Task ID	5
MNRTOTAL	SCLOCK	STAT	8	AVG	No	Total request time and count	15
MNRTRANID	CHAR	STAT	4	DIFF	No	Transaction ID	6
MNRUSERID	CHAR	STAT	8	DIFF	No	User ID	19

## TASKRMI Resource Table

A CICS Resource that describes tasks and the use they have made of the CICS Resource Manager Interface in an active system being managed by CICSplex SM. Note that for these records to be available, the MAS must be running with MNPER=YES, and be using an MCT that specifies RMI=YES on the DFHMCT TYPE=INITIAL macro.

The **Primary** key field for this resource class is TASKID.

There are no object specific actions for this resource class.

**External resource name**

CICSTaskRMIUsage

**Length**

216

**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**

EYUt0145

Table 901. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		INCL_QUEUED(YES NO)	No

Table 902. TASKRMI resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CPUTIME	SCLOCK12	CMF	12	MAX	No	User task CPU time	17
DISPTIME	SCLOCK12	CMF	12	MAX	No	User task dispatch time	16
RESPTIME	INTTSTP	CPSM	8	MAX	No	Task response time	15
RMICPSMTIME	SCLOCK12	CMF	12	MAX	No	CICSplex SM RMI elapsed time	8
RMIDB2TIME	SCLOCK12	CMF	12	MAX	No	DB2 RMI elapsed time	4
RMIDBCTLTIME	SCLOCK12	CMF	12	MAX	No	DBCTL RMI elapsed time	5
RMIEXECDLITM	SCLOCK12	CMF	12	MAX	No	DL/I RMI elapsed time	6
RMIMQSERIEST	SCLOCK12	CMF	12	MAX	No	MQSeries RMI elapsed time	7
RMIOOTHERTIME	SCLOCK12	CMF	12	MAX	No	Total other elapsed time	3
RMITCPIPTIME	SCLOCK12	CMF	12	MAX	No	TCP/IP Sockets RMI elapsed time	9
RMITIME	SCLOCK12	CMF	12	MAX	No	Total RMI elapsed time	1
RMITOTALTIME	SCLOCK12	CMF	12	MAX	No	Total RMI elapsed time at last statistics interval	2
START	TIMESTP	CMF	8	MAX	No	Task start time	13
STOP	TIMESTP	CMF	8	MAX	No	Task stop time	14
SUSPTIME	SCLOCK12	CMF	12	MAX	No	Task suspend time	18
<b>TASKID-1</b>	DECIMAL	INQ	4	MAX	Yes	Task ID	11
TRANID	CHAR	INQ	4	DIFF	No	Transaction ID	10
USERID	CHAR	INQ	8	DIFF	No	User ID	12
WAITTIME	SCLOCK12	CMF	12	MAX	No	Dispatch wait time	19

**TASK Resource Table**

This CICS resource describes a task in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is TASK.

When used in an EVALDEF, you might want to limit the evaluation to include only those tasks for which a specific transaction is associated. To do so include the TRANID attribute in the evaluation filter expression; for example, TRANID=TRN1.

The following actions are supported:

**PURGE**

Purge a task.

The parameter data for the PURGE action is:

PARM('TYPE(cvda).')

where:

cvda = (Required) Valid CVDA value for the type of operation.

Valid CVDA values for the PURGE action are PURGE and FORCEPURGE; for example: PARM('TYPE(FORCEPURGE).').

**External resource name**

CICSTask

**Length**

3192

**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**

EYUt0020

Table 903. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		INCL_QUEUED(YES NO)	No
SET		None	N/A
PERFORM SET	PURGE	TYPE(PURGE FORCEPURGE KILL)	Yes
	FORCEPURGE	None	N/A
	KILL	None	N/A

Table 904. TASK resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		

Table 904. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
ABCODEC	CHAR	CMF	4	DIFF	No	Current ABEND code		23
ABCODEO	CHAR	CMF	4	DIFF	No	Original ABEND code		22
ACTVTYID	HEX	INQ	52	MIN	No	BTS activity ID		186
ACTVTYNM	CHAR	INQ	16	DIFF	No	BTS activity name		185
ALLOCATES	BINARY	CMF	4	AVG	No	Number of ALLOCATE requests		32
APPLNAMEPROG	CHAR	STAT	8	DIFF	No	Application name - program		269
APPLNAMETRAN	CHAR	STAT	4	DIFF	No	Application name - transaction		268
ATTACHTIME	DATETIME	INQ	8	MAX	No	Task attach time		158
BAACDCCT	BINARY	CMF	4	AVG	No	BTS activity data container requests		199
BAACQPCT	BINARY	CMF	4	AVG	No	BTS acquire requests		196
BADACTCT	BINARY	CMF	4	AVG	No	BTS define activity requests		191
BADCPACT	BINARY	CMF	4	AVG	No	BTS delete activity and cancel requests		195
BADFIECT	BINARY	CMF	4	AVG	No	BTS define input event requests		202
BADPROCT	BINARY	CMF	4	AVG	No	BTS define process requests		190
BALKPACT	BINARY	CMF	4	AVG	No	BTS link requests		189
BAPRDCCT	BINARY	CMF	4	AVG	No	BTS process data container requests		198
BARASYCT	BINARY	CMF	4	AVG	No	BTS run asynchronous requests		188
BARATECT	BINARY	CMF	4	AVG	No	BTS retrieve reattach event requests		201
BARMPACT	BINARY	CMF	4	AVG	No	BTS resume requests		194
BARSPACT	BINARY	CMF	4	AVG	No	BTS reset requests		192
BARSYNCT	BINARY	CMF	4	AVG	No	BTS run synchronous requests		187
BASUPACT	BINARY	CMF	4	AVG	No	BTS suspend requests		193
BATIAECT	BINARY	CMF	4	AVG	No	BTS timer associated event requests		203
BATOTCCT	BINARY	CMF	4	AVG	No	BTS total data container requests		200
BATOTECT	BINARY	CMF	4	AVG	No	BTS total event requests		204
BATOTPCT	BINARY	CMF	4	AVG	No	BTS total requests		197
BMSCOUNT	BINARY	CMF	4	AVG	No	Total number of BMS requests		72
BMSINCNT	BINARY	CMF	4	AVG	No	Number of BMS map in requests		70
BMSMAPCNT	BINARY	CMF	4	AVG	No	Number of BMS map requests		69
BMSOUTCNT	BINARY	CMF	4	AVG	No	Number of BMS map out requests		71
BRDGTRAN	EYUDA	CMF	4	LIKE	No	Transaction ID as started by bridge		166
BRDGTRAN Output valid values	YES, NO							
BRIDGE	CHAR	INQ	4	DIFF	No	Bridge transaction ID		163
BRTOKEN	HEX	INQ	8	DIFF	No	3270 Bridge Facility Token		247
BTECOMP	EYUDA	CPSM	4	LIKE	No	Workload manager begin-to-end phase complete		315
BTECOMP Output valid values	YES, NO							
CDSAGETM	BINARY	CMF	4	AVG	No	Number of GETMAIN requests in CDSA		36
CDSAPSHWM	BINARY	CMF	4	AVG	No	Maximum program storage in CDSA		52
CDSASHWM	BINARY	CMF	4	AVG	No	Peak number of bytes used by task in CDSA		40

Table 904. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
CDSASOCC	BINARY	CMF	8	AVG	No	Average CDSA storage usage		44
CFDTWAIT	SCLOCK12	CMF	12	MAX	No	CFDT wait time		179
CHARIN	BINARY	CMF	4	AVG	No	Number of Primary TC characters received		25
CHARINSEC	BINARY	CMF	4	AVG	No	Number of Secondary TC characters received		29
CHAROUT	BINARY	CMF	4	AVG	No	Number of Primary TC characters sent		27
CHAROUTSEC	BINARY	CMF	4	AVG	No	Number of Secondary TC characters sent		31
CHMODECT	BINARY	CMF	4	AVG	No	Number of CICS dispatcher change modes	E640P138	138
CICSWAIT	SCLOCK12	CMF	12	MAX	No	CICS event wait time		169
CLIPADDR	CHAR	CMF	40	DIFF	No	Client IP address		241
CMDSEC	CVDAS	INQ	4	LIKE	No	Command level security status		93
CMDSEC Output valid values	CMDSECNO, CMDSECYES							
CONTROLWAIT	SCLOCK12	CMF	12	MAX	No	Give-up-control wait time		171
CORREUOW	HEX	CMF	23	MIN	No	Correlation UOW id		340
CPUTIME	SCLOCK12	CMF	12	MAX	No	User task CPU time		80
CURRENTPROG	CHAR	INQ	8	DIFF	No	Current program being executed		270
DB2CONWT	SCLOCK12	CMF	12	MAX	No	DB2 Connection (TCB) wait time		221
DB2PLAN	CHAR	INQ	8	DIFF	No	DB2 plan name		178
DB2RDYQW	SCLOCK12	CMF	12	MAX	No	DB2 ReadyQ wait time		220
DB2REQCT	BINARY	CMF	4	AVG	No	Total number of DB2 requests		233
DB2WAIT	SCLOCK12	CMF	12	MAX	No	DB2 request wait time		222
DETTRANATYPE	EYUDA	CPSM	4	LIKE	No	Transaction type details		314
DETTRANATYPE Output valid values	NONE, SYSTEM, MIRROR, DPL, ONCRPC, WEB, BRIDGE, CICSBTS							
DFHCHNL329	BINARY	STAT	8	AVG	No	Current container storage allocated to task.	E640	382
DFH SOCK292	BINARY	STAT	4	AVG	No	Non-persistent sockets		266
DFH SOCK293	BINARY	STAT	4	AVG	No	Persistent sockets		267
DFHSTOR033	BINARY	STAT	4	AVG	No	Task storage UD SA		253
DFHSTOR087	BINARY	STAT	4	AVG	No	Program storage - Total		257
DFHSTOR106	BINARY	STAT	4	AVG	No	Task storage EU DSA		254
DFHSTOR108	BINARY	STAT	4	AVG	No	Program storage - Below		259
DFHSTOR116	BINARY	STAT	4	AVG	No	Task storage CD SA		255
DFHSTOR119	BINARY	STAT	4	AVG	No	Task storage EC DSA		256
DFHSTOR122	BINARY	STAT	4	AVG	No	Program storage - ER DSA		262
DFHSTOR139	BINARY	STAT	4	AVG	No	Program storage - Above		258
DFHSTOR142	BINARY	STAT	4	AVG	No	Program storage - EC DSA		260
DFHSTOR143	BINARY	STAT	4	AVG	No	Program storage - CD SA		261
DFHSTOR160	BINARY	STAT	4	AVG	No	Program storage - SD SA		265
DFHSTOR161	BINARY	STAT	4	AVG	No	Program storage - ES DSA		264
DFHSTOR162	BINARY	STAT	4	AVG	No	Program storage - RD SA		263

Table 904. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
DFHTASK252	BINARY	STAT	4	AVG	No	Current CICS dispatcher TCBs		376
DHCRECT	BINARY	CMF	4	AVG	No	Number of Document Create requests		213
DHINSCT	BINARY	CMF	4	AVG	No	Number of Document Insert requests		214
DHRETCT	BINARY	CMF	4	AVG	No	Number of Document Retrieve requests		216
DHSETCT	BINARY	CMF	4	AVG	No	Number of Document Set requests		215
DHTOTCT	BINARY	CMF	4	AVG	No	Total number of Document requests		217
DHTOTDCL	BINARY	CMF	4	AVG	No	Total length of documents created		218
DISPTIME	SCLOCK12	CMF	12	MAX	No	User task dispatch time		79
DSPDELAY	SCLOCK12	CMF	12	MAX	No	First dispatch delay time		131
DTB	CV DAS	INQ	4	LIKE	No	Dynamic transaction backout option		94
DTB Output valid values	WAIT, COMMIT, BACKOUT							
DTIMEOUT	BINARY	INQ	4	AVG	No	Deadlock timeout (seconds)		95
DUMPING	CV DAS	INQ	4	LIKE	No	Transaction dump option		96
DUMPING Output valid values	TRAN DUMP, NOTRAN DUMP							
ECDSAGETM	BINARY	CMF	4	AVG	No	Number of GETMAIN requests in ECDSA		37
ECDSAPSHWM	BINARY	CMF	4	AVG	No	Maximum program storage in ECDSA		51
ECDSASHWM	BINARY	CMF	4	AVG	No	Peak number of bytes used by task in ECDSA		41
ECDSASOCC	BINARY	CMF	8	AVG	No	Average ECDSA storage usage		45
ENQDELAY	SCLOCK12	CMF	12	MAX	No	Delay time for enqueue		134
EXECOMP	EYUDA	CPSM	4	LIKE	No	Workload manager execution phase complete		316
EXECOMP Output valid values	YES, NO							
EXTERNWAIT	SCLOCK12	CMF	12	MAX	No	External wait time		168
EXWAIT	SCLOCK12	CMF	12	MAX	No	Exception wait time		83
FACILITY	CHAR	INQ	4	DIFF	No	Principal facility		2
FACILITYTYPE	CV DAS	INQ	4	LIKE	No	Facility type		3
FACILITYTYPE Output valid values	TERM, DEST, TASK							
FCADDCNT	BINARY	CMF	4	AVG	No	Number of file control WRITE requests		57
FCAMCNT	BINARY	CMF	4	AVG	No	Number of file control access method requests		60
FCBRWCNT	BINARY	CMF	4	AVG	No	Number of file control browse requests		56
FCCOUNT	BINARY	CMF	4	AVG	No	Total number of file control requests		59
FCDELCNT	BINARY	CMF	4	AVG	No	Number of file control DELETE requests		58
FCGETCNT	BINARY	CMF	4	AVG	No	Number of file control READ requests		54
FCIOTIME	SCLOCK12	CMF	12	MAX	No	File control I/O wait time		85

Table 904. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
FCPUTCNT	BINARY	CMF	4	AVG	No	Number of file control REWRITE requests		55
FIRSTPRGM	CHAR	CMF	8	DIFF	No	First program name		19
GNQDELAY	SCLOCK12	CMF	12	MAX	No	Global ENQ delay time		236
ICCOUNT	BINARY	CMF	4	AVG	No	Number of interval control starts		77
IDENT	CHAR	INQ	48	DIFF	No	User data provided by the bridge exit		175
IMSREQCT	BINARY	CMF	4	AVG	No	Total number of IMS requests		232
IMSWAIT	SCLOCK12	CMF	12	MAX	No	IMS request wait time		219
INDOUBT	CVDAS	INQ	4	LIKE	No	Transaction in-doubt option		160
INDOUBT Output valid values	BACKOUT, COMMIT							
INDOUBTFAIL	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW indoubt failure		322
INDOUBTFAIL Output valid values	YES, NO							
INDOUBTMINS	BINARY	INQ	4	AVG	No	In-doubt time (minutes)		161
INDOUBTWAIT	CVDAS	INQ	4	LIKE	No	In-doubt wait option		162
INDOUBTWAIT Output valid values	WAIT, NOWAIT							
INTVLC	BINARY	CMF	4	AVG	No	Number of interval control requests		174
INTVLWAIT	SCLOCK12	CMF	12	MAX	No	Interval control delay time		170
IPFACNT	BINARY	INQ	4	AVG	No	Number of IP facilities associated with task	E640	384
IRIOTIME	SCLOCK12	CMF	12	MAX	No	Inter-region communication I/O wait time		88
ISOLATEST	CVDAS	INQ	4	LIKE	No	Data isolation type		97
ISOLATEST Output valid values	NOISOLATE, ISOLATE							
J8CPUT	SCLOCK12	CMF	12	MAX	No	J8 TCB mode CPU time		230
JCIOTIME	SCLOCK12	CMF	12	MAX	No	Journal control I/O wait time		86
JCUSRWCNT	BINARY	CMF	4	AVG	No	Number of journal output requests	E510P	1765
JRNLRITREQ	BINARY	CMF	4	AVG	No	Number of journal write requests		153
JVMSUSP	SCLOCK12	CMF	12	MAX	No	Total Java virtual machine (JVM) suspend time		246
JVMTIME	SCLOCK12	CMF	12	MAX	No	Total Java virtual machine (JVM) elapsed time		245
L8CPUT	SCLOCK12	CMF	12	MAX	No	L8 TCB mode CPU time		229
LOCKMGRWAIT	SCLOCK12	CMF	12	MAX	No	Lock manager wait time		167
LOGGRWRITREQ	BINARY	CMF	4	AVG	No	Number of CICS logger write requests		154
LU61WTT	SCLOCK12	CMF	12	MAX	No	LU6.1 I/O wait time		135
LU62WTT	SCLOCK12	CMF	12	MAX	No	LU6.2 I/O wait time		136
LUNAME	CHAR	CMF	8	DIFF	No	VTAM LU name		18
MSCPUT	SCLOCK12	CMF	12	MAX	No	Other TCB mode CPU time		228
MSDISPT	SCLOCK12	CMF	12	MAX	No	Other TCB mode dispatch time		227



Table 904. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
MSGIN	BINARY	CMF	4	AVG	No	Number of Primary TC message receives		24
MSGINSEC	BINARY	CMF	4	AVG	No	Number of Secondary TC message receives		28
MSGOUT	BINARY	CMF	4	AVG	No	Number of Primary TC message sends		26
MSGOUTSEC	BINARY	CMF	4	AVG	No	Number of Secondary TC message sends		30
MXTDELAY	SCLOCK12	CMF	12	MAX	No	First dispatch delay time caused by MXT limit		133
MXTOTDLY	SCLOCK12	CMF	12	MAX	No	Maximum delay time on an open TCB		223
NETNAME	CHAR	CMF	20	DIFF	No	Originating system netname		20
NETUOWID	HEX	CMF	27	MIN	No	Network id of UOW		341
OAPPLID	CHAR	CMF	8	MAX	No	Originating application ID	E640	388
OCLIPADR	CHAR	CMF	40	MAX	No	Originating client IP address	E640	395
OCLIPORT	BINARY	CMF	4	MAX	No	Originating client port number	E640	396
OFCTYNME	CHAR	CMF	8	MAX	No	Originating facility name	E640	398
ONETWKID	CHAR	CMF	8	MAX	No	Originating network ID	E640	386
OPORTNUM	BINARY	CMF	4	MAX	No	Originating port number	E640	394
ORIGINTYPE	EYUDA	CPSM	4	LIKE	No	Transaction origin type		318
ORIGINTYPE Output valid values	NONE, TERMINAL, TDQUEUE, START, TERMSTART, SCHEDULED, XMRUN, BRIDGE, SOCKET, WEB, IOP, RRS, LU61, LU62, MRO, ECI, IIRQRECVR, RZSTTRPT							
OSTART	TIMESTP	CMF	8	MAX	No	Originating start time	E640	387
OTCPSVCE	CHAR	CMF	8	MAX	No	Originating TCPIP SERVICE name	E640	393
OTRAN	CHAR	CMF	4	MAX	No	Originating transaction ID	E640	390
OTRANFLG	HEX	CMF	8	MAX	No	Originating transaction flags	E640	397
OTRANNUM	DECIMAL	CMF	4	MAX	No	Originating task ID	E640	389
OUSERCOR	CHAR	CMF	64	MAX	No	Originating user correlation data	E640	392
OUSERID	CHAR	CMF	8	MAX	No	Originating user ID	E640	391
PC24RHWM	BINARY	CMF	4	AVG	No	Maximum read-only storage in RDSA		118
PC24SHWM	BINARY	CMF	4	AVG	No	Maximum shared storage in SDSA		120
PC31SHWM	BINARY	CMF	4	AVG	No	Maximum shared storage in ESDSA		119
PCDPLCT	BINARY	CMF	4	AVG	No	Distributed program link (DPL) request count		240
PCLINKCNT	BINARY	CMF	4	AVG	No	Number of program link requests		73
PCLOADCNT	BINARY	CMF	4	AVG	No	Number of program load requests		75
PCLOADTM	SCLOCK12	CMF	12	MAX	No	Program load time		90
PCLURMCT	BINARY	CMF	4	AVG	No	Number of user replaceable module (URM) links		177
PCXCTLCNT	BINARY	CMF	4	AVG	No	Program transfer control (XCTL) request count		74
PERFRECCNT	BINARY	CMF	4	AVG	No	Number of performance records		141
PGCSTHWM	BINARY	STAT	8	AVG	No	Maximum container storage allocated to task.	E640	383
PRCSID	HEX	CMF	52	MIN	No	BTS process ID		183



Table 904. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
PRCSNAME	CHAR	INQ	36	DIFF	No	BTS process name		182
PRCSTYPE	CHAR	INQ	8	DIFF	No	BTS process type		184
PRIORITY	BINARY	INQ	4	AVG	Yes	Task priority		7
PROFILE	CHAR	INQ	8	DIFF	No	Task profile name		98
PSTG24HWM	BINARY	CMF	4	AVG	No	Maximum program storage below 16 MB line		47
PSTG31HWM	BINARY	CMF	4	AVG	No	Maximum program storage above 16 MB line		48
PSTGHWM	BINARY	CMF	4	AVG	No	Maximum program storage across all DSAs		46
PURGEABILITY	CVDAS	INQ	4	LIKE	No	Purgeability status		99
PURGEABILITY Output valid values	PURGEABLE, NOTPURGEABLE							
PURGETYPE	CVDAS	INQ	4	LIKE	Yes	Purge Type		248
PURGETYPE Input/output valid values	PURGE, FORCEPURGE, KILL, N_A							
QRCPUT	SCLOCK12	CMF	12	MAX	No	CPU time used on QR TCB		226
QRDISPT	SCLOCK12	CMF	12	MAX	No	Dispatch time whilst running on QR TCB		225
QRMODDLY	SCLOCK12	CMF	12	MAX	No	Delay time whilst running on QR TCB		224
RECOVERTOKN	HEX	CMF	8	MIN	No	Recovery manager unit of work ID		142
RECTYPE	CHAR	CMF	4	DIFF	No	Record type		15
RECUNITID	HEX	INQ	8	MIN	No	Local unit of recovery ID	E510P	135
RE MOTENAME	CHAR	INQ	4	DIFF	No	Remote transaction name		112
RESOLVEACT	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW resolved with indoubt action		319
RESOLVEACT Output valid values	YES, NO							
RESPTIME	INTTSTP	CPSM	8	MAX	No	Task response time		324
RESSEC	CVDAS	INQ	4	LIKE	No	Resource level security status		101
RESSEC Output valid values	RESSECNO, RESSECYES							
RLSCPUT	SCLOCK12	CMF	12	MAX	No	CPU time used by VSAM record level sharing		173
RLSWAITTIME	SCLOCK12	CMF	12	MAX	No	VSAM record level sharing wait time		156
RMISUSP	SCLOCK12	CMF	12	MAX	No	RMI suspend time		138
RMITIME	SCLOCK12	CMF	12	MAX	No	Total RMI elapsed time		137
ROFAIL	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW resource owner failure		323
ROFAIL Output valid values	YES, NO							
ROPS31HWM	BINARY	CMF	4	AVG	No	Maximum program storage in ERDSA		53
ROUTING	CVDAS	INQ	4	LIKE	No	Dynamic routing type		100
ROUTING Output valid values	DYNAMIC, STATIC							

Table 904. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
RRMSURID	HEX	CMF	16	MIN	No	RRMS/MVS unit of recovery ID		239
RRMSWAIT	SCLOCK12	CMF	12	MAX	No	RRMS/MVS syncpoint coordination delay time		237
RSVD1	SCLOCK12	CMF	12	MAX	No	Reserved space		164
RSVD2	EYUDA	CMF	4	LIKE	No	Reserved space		165
RSVD2 Output valid values	YES, NO							
RSYSID	CHAR	CMF	4	DIFF	No	Remote system ID		113
RTIMEOUT	BINARY	INQ	4	AVG	No	Read timeout (seconds)		102
RUNAWAY	BINARY	INQ	4	AVG	No	Runaway task time (milliseconds)		103
RUNSTATUS	CVDAS	INQ	4	LIKE	No	Dispatch status		9
RUNSTATUS Output valid values	DISPATCHABLE, RUNNING, SUSPENDED							
RUNTRWTT	SCLOCK12	CMF	12	MAX	No	Run synchronous transaction wait time		205
S8CPUT	SCLOCK12	CMF	12	MAX	No	S8 TCB mode CPU time		231
SCRNSIZE	CVDAS	INQ	4	LIKE	No	Screen size		104
SCRNSIZE Output valid values	ALTERNATE, DEFAULT							
SHAREDTSWAIT	SCLOCK12	CMF	12	MAX	No	Shared temporary storage wait time		172
SHSTGBYTEFMA	BINARY	CMF	4	AVG	No	FREEMAIN byte count of shared storage above 16MB		152
SHSTGBYTEFMB	BINARY	CMF	4	AVG	No	FREEMAIN byte count of shared storage below 16MB		149
SHSTGBYTEGMA	BINARY	CMF	4	AVG	No	GETMAIN byte count of shared storage above 16MB		151
SHSTGBYTEGMB	BINARY	CMF	4	AVG	No	GETMAIN byte count of shared storage below 16MB		148
SHSTGGM CABV	BINARY	CMF	4	AVG	No	Shared storage GETMAIN request count above 16MB		150
SHSTGGM CBEL	BINARY	CMF	4	AVG	No	Shared storage GETMAIN request count below 16MB		147
SHUNTED	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW shunted		320
SHUNTED Output valid values	YES, NO							
SOBYDECT	BINARY	CMF	4	AVG	No	Number of socket bytes decrypted		243
SOBYENCT	BINARY	CMF	4	AVG	No	Number of socket bytes encrypted		242
SOIOWTT	SCLOCK12	CMF	12	MAX	No	TCP/IP sockets I/O wait time		238
SRVSYWTT	SCLOCK12	CMF	12	MAX	No	CFDT syncpoint wait time		180
START	TIMESTP	CMF	8	MAX	No	Task start time		16
STARTCODE	CHAR	INQ	2	DIFF	No	Start code		91
STOP	TIMESTP	CMF	8	MAX	No	Task stop time		17
STORAGECLEAR	CVDAS	INQ	4	LIKE	No	Storage clearance status		105
STORAGECLEAR Output valid values	CLEAR, NOCLEAR							
SUBEXECOMP	EYUDA	CPSM	4	LIKE	No	WLM subset of execution phase complete		317

Table 904. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SUBEXECOMP Output valid values	YES, NO							
SUSPENDTIME	INTSEC	INQ	4	MAX	No	Time task has been suspended		4
SUSPENDTYPE	CHAR	INQ	8	DIFF	No	Reason task is suspended		5
SUSPENDVALUE	CHAR	INQ	16	DIFF	No	Resource for which task is waiting		6
SUSPTIME	SCLOCK12	CMF	12	MAX	No	Task suspend time		81
SYNCCOUNT	BINARY	CMF	4	AVG	No	Number of syncpoint requests		78
SYNCDLY	SCLOCK12	CMF	12	MAX	No	Waiting for parent syncpoint delay time		206
SYNCPWAITTM	SCLOCK12	CMF	12	MAX	No	Syncpoint wait time		155
SZALLCTO	BINARY	CMF	4	AVG	No	Number of FEPI allocate timeouts		127
SZALLOCT	BINARY	CMF	4	AVG	No	Number of FEPI allocate requests		121
SZCHRIN	BINARY	CMF	4	AVG	No	Number of FEPI characters received		126
SZCHROUT	BINARY	CMF	4	AVG	No	Number of FEPI characters sent		125
SZRCVCT	BINARY	CMF	4	AVG	No	Number of FEPI receive requests		122
SZRCVTO	BINARY	CMF	4	AVG	No	Number of FEPI receive timeouts		128
SZSENDCT	BINARY	CMF	4	AVG	No	Number of FEPI send requests		123
SZSTRCT	BINARY	CMF	4	AVG	No	Number of FEPI start requests		124
SZTOTCT	BINARY	CMF	4	AVG	No	Total number of FEPI requests		129
SZWAIT	SCLOCK12	CMF	12	MAX	No	FEPI suspend time		130
<b>TASK-1</b>	DECIMAL	INQ	4	MAX	Yes	Task ID		1
TASKDATAKEY	CVDAS	INQ	4	LIKE	No	Data storage key		106
TASKDATAKEY Output valid values	CICSDATAKEY, USERDATAKEY							
TASKDATALOC	CVDAS	INQ	4	LIKE	No	Data location		107
TASKDATALOC Output valid values	BELOW, ANY							
TASKFLAG	BINARY	CMF	4	AVG	No	Transaction error flags		21
TCB	CVDAS	INQ	4	LIKE	No	CICS TCB type		181
TCB Output valid values	CKOPEN, UKOPEN, QR, INTERNAL							
TCBATTCT	BINARY	CMF	4	AVG	No	Number of CICS dispatcher TCB attaches		235
TCC62IN2	BINARY	CMF	4	AVG	No	Number of secondary LU6.2 characters received		115
TCC62OU2	BINARY	CMF	4	AVG	No	Number of secondary LU6.2 characters sent		117
TCIOTIME	SCLOCK12	CMF	12	MAX	No	Terminal I/O wait time		84
TCLDELAY	SCLOCK12	CMF	12	MAX	No	First dispatch delay time caused by TCL		132
TCM62IN2	BINARY	CMF	4	AVG	No	Number of secondary LU6.2 messages received		114
TCM62OU2	BINARY	CMF	4	AVG	No	Number of secondary LU6.2 messages sent		116
TDCOUNT	BINARY	CMF	4	AVG	No	Total number of transient data requests		64

Table 904. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TDGETCNT	BINARY	CMF	4	AVG	No	Number of transient data get requests		61
TDIOTIME	SCLOCK12	CMF	12	MAX	No	Transient data I/O wait time		89
TDPURCNT	BINARY	CMF	4	AVG	No	Number of transient data purge requests		63
TDPUTCNT	BINARY	CMF	4	AVG	No	Number of transient data put requests		62
TERMCONNAME	CHAR	CMF	4	DIFF	No	Terminal connection name		146
TERMID	CHAR	CMF	4	DIFF	No	Actual terminal ID or session ID		244
TERMNALINFO	HEX	CMF	4	MIN	No	Terminal information		157
TERMSTG	BINARY	CMF	4	AVG	No	Terminal storage	E410P	1335
TMRATMSN	CHAR	CMF	8	DIFF	No	Atom Service name	E640 E650	419
TMRBFDGC	BINARY	CMF	4	AVG	No	Total number of BIF DIGEST requests	E640 E650	424
TMRBFTC	BINARY	CMF	4	AVG	No	Total number of BIF requests	E640 E650	425
TMRCBRNM	CHAR	CMF	4	LIKE	No	CorbaServer name		327
TMRCFACT	BINARY	STAT	4	AVG	No	Number OO class library API requests		281
TMRCIPOR	BINARY	CMF	4	MAX	No	Client IP Port	E640	401
TMRCMDLY	SCLOCK12	CMF	12	AVG	No	CICS TCB Change Mode delay time		368
TMRDHDLC	BINARY	CMF	4	AVG	No	Number of Document Delete requests	E640	381
TMRDSCWT	SCLOCK12	CMF	12	MAX	No	MVS DS storage constraint wait time		339
TMRDSMWT	SCLOCK12	CMF	12	MAX	No	Dispatcher TCB mismatch wait time		338
TMRDSTHW	BINARY	CMF	4	AVG	No	CICS dispatcher TCB high water mark		328
TMRECEVC	BINARY	CMF	4	AVG	No	Number of EVENTS captured	E640 E650	416
TMRECFOC	BINARY	CMF	4	AVG	No	Number of event filter requests	E640 E650	415
TMRECSGE	BINARY	CMF	4	AVG	No	Number of SIGNAL EVENT requests	E640 E650	414
TMREICTC	BINARY	CMF	4	AVG	No	Total number of EXEC CICS requests	E640 E650	413
TMREJBAC	BINARY	CMF	4	AVG	No	Number of bean state activation requests		329
TMREJBCC	BINARY	CMF	4	AVG	No	Number of bean creation requests		331
TMREJBPC	BINARY	CMF	4	AVG	No	Number of bean state passivation requests		330
TMREJBRC	BINARY	CMF	4	AVG	No	Number of bean removal requests		332
TMREJBTC	BINARY	CMF	4	AVG	No	Total number of Enterprise bean requests		334
TMREJMCT	BINARY	CMF	4	AVG	No	Number of Enterprise bean method calls		333
TMRHTDLY	SCLOCK12	STAT	12	AVG	No	Maximum Hot-Pooling TCB delay time	E640P	1306
TMRICSCC	BINARY	CMF	4	AVG	No	Total local START CHANNEL requests		371

Table 904. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TMRICSCD	BINARY	CMF	4	AVG	No	Data length of all local START CHANNEL requests		372
TMRICSRC	BINARY	CMF	4	AVG	No	Total remote START CHANNEL requests		373
TMRICSRD	BINARY	CMF	4	AVG	No	Data length of all remote START CHANNEL requests		374
TMRISACT	BINARY	CMF	4	MAX	No	Number of IPCONN allocate requests	E640	403
TMRISCNM	CHAR	CMF	8	MAX	No	IPCONN Name	E640	402
TMRISWT	SCLOCK12	CMF	12	MAX	No	IPCONN I/O wait time	E640	404
TMRJ9CPU	SCLOCK12	CMF	12	MAX	No	J9 TCB mode CPU time		337
TMRJSTWT	SCLOCK12	CMF	12	MAX	No	JVM server thread wait time	E640 E650	405
TMRJTDLY	SCLOCK12	STAT	12	AVG	No	Maximum Java virtual machine (JVM) TCB delay time		305
TMRJVMIT	SCLOCK12	STAT	12	AVG	No	Java virtual machine elapsed time - initialise		311
TMRJVMRT	SCLOCK12	STAT	12	AVG	No	Java virtual machine elapsed time - resetting		312
TMRKY8CP	SCLOCK12	STAT	12	AVG	No	User task key 8 mode CPU time		304
TMRKY8DS	SCLOCK12	STAT	12	AVG	No	User task key 8 mode dispatch time		303
TMRKY9CP	SCLOCK12	STAT	12	AVG	No	User task key 9 mode CPU time		336
TMRKY9DS	SCLOCK12	STAT	12	AVG	No	User task key 9 mode dispatch time		335
TMRL9CPU	SCLOCK12	CMF	12	MAX	No	User task L9 mode CPU time		375
TMRMLCTM	SCLOCK12	CMF	12	MAX	No	XML System Services CPU time	E640 E650	427
TMRMLTDL	BINARY	CMF	4	AVG	No	Total document length	E640 E650	426
TMRMLXTC	BINARY	CMF	4	AVG	No	Number of EXEC CICS XML TRANSFORM requests	E640 E650	406
TMRMQAST	SCLOCK12	CMF	12	MAX	No	WebSphere MQ API SRB timeme	E640 E650	429
TMRMQGWT	SCLOCK12	CMF	12	MAX	No	Websphere MQ Getwait wait time	E640	400
TMRNETID	CHAR	STAT	8	DIFF	No	Network id		277
TMRNETSX	HEX	CMF	8	DIFF	No	LU6.2 network-wide UOW instance and sequence number		325
TMROIDWT	SCLOCK12	STAT	12	AVG	No	OTS indoubt wait time		310
TMROTSID	CHAR	STAT	128	DIFF	No	OTS transaction id		280
TMRPCDCC	BINARY	CMF	4	AVG	No	Number of DPL program link requests with channel		347
TMRPCDLL	BINARY	CMF	4	AVG	No	Data length of all DPL program links with channel		343
TMRPCDRL	BINARY	CMF	4	AVG	No	Total data length of all DPL returns with channel		344
TMRPCLCC	BINARY	CMF	4	AVG	No	Number of program link requests with channel		345
TMRPCRCC	BINARY	CMF	4	AVG	No	Number of program return requests with channel		348
TMRPCRCL	BINARY	CMF	4	AVG	No	Data length of all program returns with channel		349

Table 904. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TMRPCXCC	BINARY	CMF	4	AVG	No	Number of program XCTL requests with channel		346
TMRPGBCC	BINARY	CMF	4	AVG	No	Number of browse container channel requests		351
TMRPGCCC	BINARY	CMF	4	AVG	No	Number of containers created for channel containers		379
TMRPGCTC	BINARY	CMF	4	AVG	No	Total number of channel data container requests		350
TMRPGGCC	BINARY	CMF	4	AVG	No	Number of get container channel requests		352
TMRPGGCL	BINARY	CMF	8	AVG	No	Data length of all get container channel requests		355
TMRPGMCC	BINARY	CMF	4	AVG	No	Number of move container channel requests		354
TMRPGPCC	BINARY	CMF	4	AVG	No	Number of put container channel requests		353
TMRPGPCL	BINARY	CMF	8	AVG	No	Data length of all put container channel requests		356
TMRPIPLN	CHAR	CMF	8	DIFF	No	Pipeline name	E640 E650	418
TMRPORTN	BINARY	STAT	4	AVG	No	TCP/IP service port number		279
TMRPTPWT	SCLOCK12	STAT	12	AVG	No	Partner wait time		313
TMRRLUNM	CHAR	STAT	8	DIFF	No	Real LUNAME		278
TMRROCPU	SCLOCK12	STAT	12	AVG	No	User task RO mode CPU time		302
TMRRODSP	SCLOCK12	STAT	12	AVG	No	User task RO mode dispatch time		301
TMRRQPWT	SCLOCK12	STAT	12	AVG	No	Request processor wait time		309
TMRRQRWT	SCLOCK12	STAT	12	AVG	No	Request receiver wait time		308
TMRSOCIN	BINARY	STAT	4	AVG	No	Number characters received		293
TMRSOCNS	BINARY	STAT	4	AVG	No	Number CREATE non-persistent socket requests		288
TMRSOCOT	BINARY	STAT	4	AVG	No	Number characters sent		295
TMRSOCPS	BINARY	STAT	4	AVG	No	Number CREATE persistent socket requests		289
TMRSOERC	BINARY	STAT	4	AVG	No	EXTRACT TCPIP and EXTRACT CERTIFICATE request count		287
TMRSOI1C	BINARY	STAT	4	AVG	No	Number inbound socket characters received		298
TMRSOIMC	BINARY	STAT	4	AVG	No	Number inbound socket receive requests		297
TMRSONHW	BINARY	STAT	4	AVG	No	Non-persistent socket HWM		290
TMRSOO1C	BINARY	STAT	4	AVG	No	Number inbound socket characters sent		300
TMRSOOMC	BINARY	STAT	4	AVG	No	Number inbound socket send requests		299
TMRSOOWT	SCLOCK12	STAT	12	AVG	No	Outbound socket I/O wait time		307
TMR SOPHW	BINARY	STAT	4	AVG	No	Persistent socket HWM		291
TMRSORCT	BINARY	STAT	4	AVG	No	Number socket receive requests		292
TMR SOSCT	BINARY	STAT	4	AVG	No	Number socket send requests		294
TMR SOTC	BINARY	STAT	4	AVG	No	Total number socket requests		296

Table 904. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid ID	Attr ID
TMRSTDLY	SCLOCK12	CMF	12	AVG	No	Maximum CICS SSL TCB delay time		366
TMRT8CPU	SCLOCK12	CMF	12	MAX	No	User task T8 mode cpu time	E640 E650	411
TMRTCPV	CHAR	CMF	8	DIFF	No	TCP/IP Service name		326
TMRTGPID	HEX	STAT	28	DIFF	No	Transaction group id		275
TMRTIATC	BINARY	CMF	4	AVG	No	Number of EXEC CICS ASKTIME requests	E640 E650	422
TMRTITC	BINARY	CMF	4	AVG	No	Total number of EXEC CICS xxxTIME requests	E640 E650	423
TMRTSN	DECIMAL	STAT	4	MAX	No	Transaction sequence number		274
TMRTDLY	SCLOCK12	CMF	12	MAX	No	Maximum thread TCB delay time	E640 E650	412
TMRURIMN	CHAR	CMF	8	DIFF	No	URI map name	E640 E650	417
TMRWBOC	BINARY	CMF	4	AVG	No	Number of web browse requests		365
TMRWBBC	BINARY	STAT	4	AVG	No	Number WEB BROWSE requests		284
TMRWBEC	BINARY	STAT	4	AVG	No	Number WEB EXTRACT requests		283
TMRWBI1C	BINARY	CMF	4	AVG	No	Number of bytes received by web requests		361
TMRWBIRC	BINARY	CMF	4	AVG	No	Number of web receive requests		360
TMRWBIWC	BINARY	CMF	4	AVG	No	Number of invoke web service requests		357
TMRWBO1C	BINARY	CMF	4	AVG	No	Number of bytes sent by web send requests		363
TMRWBOSC	BINARY	CMF	4	AVG	No	Number of web send requests		362
TMRWBPRC	BINARY	CMF	4	AVG	No	Number of web parse requests		364
TMRWBRDL	BINARY	CMF	4	AVG	No	Data length of data read from the repository		377
TMRWBROC	BINARY	CMF	4	AVG	No	Number of web read requests		358
TMRWBRPR	BINARY	STAT	4	AVG	No	Number repository reads		282
TMRWBRRC	BINARY	STAT	4	AVG	No	Number WEB READ requests		285
TMRWBWDL	BINARY	CMF	4	AVG	No	Data length of data written to the repository		378
TMRWBWOC	BINARY	CMF	4	AVG	No	Number of web write requests		359
TMRWBWRC	BINARY	STAT	4	AVG	No	Number WEB WRITE requests		286
TMRWMQRC	BINARY	CMF	4	MAX	No	Total number Websphere MQ requests	E640	399
TMRWPBMN	CHAR	CMF	8	DIFF	No	Program name	E640 E650	421
TMRWSATC	BINARY	CMF	4	AVG	No	Total number of WS addressing requests	E640 E650	410
TMRWSCBC	BINARY	CMF	4	AVG	No	Number of WSACONTEXT BUILD requests	E640 E650	407
TMRWSCGC	BINARY	CMF	4	AVG	No	Number of WSACONTEXT GET requests	E640 E650	408
TMRWSEPC	BINARY	CMF	4	AVG	No	Number of WSAEPR create requests	E640 E650	409
TMRWSOPN	CHAR	CMF	64	DIFF	No	Web Services Operation name	E640 E650	428



Table 904. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid ID	Attr ID
TMRWSVCN	CHAR	CMF	32	DIFF	No	Webservice name	E640 E650	420
TMRX8CPU	SCLOCK12	CMF	12	AVG	No	User task X8 mode CPU time		369
TMRX9CPU	SCLOCK12	CMF	12	AVG	No	User task X9 mode CPU time		370
TMRXTDLY	SCLOCK12	CMF	12	AVG	No	Maximum CICS XPLink TCB delay time		367
TRACING	CV DAS	INQ	4	LIKE	No	Task tracing type		108
TRACING Output valid values	SPECTRACE, STANTRACE, SPRSTRACE							
TRANCLASS	CHAR	INQ	8	DIFF	No	Transaction class		10
TRANFLAGS	HEX	CMF	8	MIN	No	Transaction flags		145
TRANID	CHAR	INQ	4	DIFF	No	Transaction		11
TRANPRIORITY	BINARY	INQ	4	AVG	No	Transaction priority		109
TRANTYPE	CHAR	CMF	4	DIFF	No	Transaction type		14
TRPROF	CHAR	INQ	8	DIFF	No	Transaction routing profile name		110
TSCOUNT	BINARY	CMF	4	AVG	No	Total number of temporary storage requests		68
TSGETCNT	BINARY	CMF	4	AVG	No	Number of temporary storage gets		65
TSIOTIME	SCLOCK12	CMF	12	MAX	No	Temporary storage I/O wait time		87
TSPUTACNT	BINARY	CMF	4	AVG	No	Number of TS puts to auxiliary storage		66
TSPUTMCNT	BINARY	CMF	4	AVG	No	Number of TS puts to main storage		67
TWASIZE	BINARY	INQ	4	AVG	No	Size in bytes of transaction work area (TWA)		111
UNITOFWORK	HEX	INQ	16	MIN	No	Local unit of work (UOW) ID		159
UNSHUNTED	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW unshunted		321
UNSHUNTED Output valid values	YES, NO							
UOWID	HEX	CMF	8	MIN	No	Network UOW instance and sequence number		8
USERID	CHAR	INQ	8	DIFF	No	User ID		12
USRPS24HWM	BINARY	CMF	4	AVG	No	Maximum program storage in UD SA		50
USRPS31HWM	BINARY	CMF	4	AVG	No	Maximum program storage in EUD SA		49
USTG24CNT	BINARY	CMF	4	AVG	No	User storage GETMAIN request count below 16MB		34
USTG24HWM	BINARY	CMF	4	AVG	No	Peak number of bytes used by task in UD SA		38
USTG24OCC	BINARY	CMF	8	AVG	No	Average storage usage below 16 MB line		42
USTG31CNT	BINARY	CMF	4	AVG	No	User storage GETMAIN request count above 16MB		35
USTG31HWM	BINARY	CMF	4	AVG	No	Peak number of bytes used by task in EUD SA		39
USTG31OCC	BINARY	CMF	8	AVG	No	Average storage usage above 16 MB line		43
WAITTIME	SCLOCK12	CMF	12	MAX	No	Dispatch wait time		82



Table 904. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
WBCHRIN	BINARY	CMF	4	AVG	No	Number of characters received via WEB requests		208
WBCHROUT	BINARY	CMF	4	AVG	No	Number of characters sent via WEB requests		210
WBRCVCT	BINARY	CMF	4	AVG	No	Number of WEB receive requests		207
WBREPWCT	BINARY	CMF	4	AVG	No	Number of WEB repository writes		212
WBSENDCT	BINARY	CMF	4	AVG	No	Number of WEB send requests		209
WBTOTCT	BINARY	CMF	4	AVG	No	Total number of WEB requests		211
WLMRPTRCNAME	CHAR	CMF	8	DIFF	No	Workload manager report class name		144
WLMSRVCNAME	CHAR	CMF	8	DIFF	No	Workload manager service class name		143

## TASKTSQ Resource Table

A CICS Resource that describes tasks and the CICS Temporary Storage Queues they have used in an active system being managed by CICSplex SM. Note that for these records to be available, the MAS must be running with the SIT parameter MNRES=ON, and be using an MCT that specifies a value greater than 0 for TSQUEUE on the DFHMCT TYPE=INITIAL macro.

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

**External resource name**

CICSTaskTSQueueUsage

**Length**

128

**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**

EYUt0146

Table 905. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 906. TASKTSQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MNRSTART	TIMESTP	STAT	8	MAX	No	Task start time	14
<b>MNRTASKNO-1</b>	DECIMAL	STAT	4	MAX	Yes	Task ID	11
MNRTRANID	CHAR	STAT	4	DIFF	No	Transaction ID	12
MNRSQLIMIT	EYUDA	STAT	4	LIKE	No	TS queue limit exceeded	15
MNRSQLIMIT Output valid values	YES, NO						
MNRUSERID	CHAR	STAT	8	DIFF	No	User ID	13
PUTAUXITEML	BINARY	STAT	4	SUM	No	Auxiliary TS queue WRITEQ item length	9
PUTMAINITEML	BINARY	STAT	4	SUM	No	Main TS queue WRITEQ item length	10
SHRTSQIOWT	SCLOCK	STAT	8	AVG	No	Shared TS queue I/O wait time	7
TSQGET	SCLOCK	STAT	8	AVG	No	TS queue READQ time and count	2
TSQGETITEML	BINARY	STAT	4	SUM	No	TS queue READQ item length	8
TSQIOWT	SCLOCK	STAT	8	AVG	No	TS queue I/O wait time	6
<b>TSQNAME-2</b>	CHAR	STAT	16	DIFF	Yes	TS queue name	1
TSQPUTAUX	SCLOCK	STAT	8	AVG	No	Auxiliary TS queue WRITEQ time and count	3
TSQPUTMAIN	SCLOCK	STAT	8	AVG	No	Main TS queue WRITEQ time and count	4
TSQTOTAL	SCLOCK	STAT	8	AVG	No	Total TSQ READQ, WRITEQ and DELETEDQ time and count	5

## TCLINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a transaction class definition (TRNCLDEF) in a resource group (RESGROUP). A TRNCLDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is TRNCLGROUP.

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**  
CICSplex SM Definition  
**Copybook identifier**  
EYUt6159

Table 907. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 908. TCLINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 909. TCLINGRP 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
<b>TRNCLGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>TRNCLNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Transaction class definition name	6
<b>TRNCLVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	Transaction class definition version	7

## TCPDEF Resource Table

A CICS Definition that describes a TCP/IP Service.

The **Primary** key field for this resource class is NAME.

The **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 a resource to the specified resource group.

**CSDCOPY**

Copy a CICS CSD resource definition.

The parameter data for the CSDCOPY action is described in “Managing CICS definitions in the CSD” on page 14.

**CSDINSTALL**

Install a CICS CSD resource definition into an active system.

The parameter data for the CSDINSTALL action is described in “Managing CICS definitions in the CSD” on page 14.

**INSTALL**

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

The parameter data for the INSTALL action is described in “Parameters for installing CICS definitions using BAS” on page 17.

**External resource name**

CICSDefinitionTCPIPService

**Length**

544

**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**

CICS Definition

**Copybook identifier**

EYUt3823

Table 910. 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 SET	INSTALL	FORCEINS(YES   NO)	No
		MODE(value)	No
		NOTIFY(NO   INACTIVE   RELEASE   FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET   RELATIVE   BOTH   NONE)	No

Table 910. Valid CPSM operations (continued)

	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 911. TCPDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid overtype	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system

Table 911. TCPDEF FEEDBACK error codes (continued)

53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 912. TCPDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ATTACHSEC	EYUDA	CPSM	4	No	LIKE	No	Attach-time security	NOTAPPLIC			30
ATTACHSEC Input/output valid values	LOCAL, VERIFY, NOTAPPLIC										
AUTHENTICATE	EYUDA	CPSM	4	Yes	LIKE	No	Authentication level	NO			25
AUTHENTICATE Input/output valid values	NO, BASIC, CERTIFICATE, AUTOREGISTER, AUTOMATIC, NOTAPPLIC, ASSERTED										
BACKLOG	CHAR	CPSM	8	Yes	DIFF	No	Queue backlog limit	00001	0-32767		12
CERTIFICATE	CHAR	CPSM	56	No	DIFF	No	Certificate				15
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	36
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	38
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	37
CIPHERS	CHAR	CPSM	56	No	LIKE	No	SSL cipher suite codes				32
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				16
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	41

Table 912. TCPDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	0-99999999		34
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				20
DNSGROUP	CHAR	CPSM	18	No	DIFF	No	Domain name service (DNS) group				27
GRPCRITICAL	EYUDA	CPSM	4	No	LIKE	No	Critical domain name service (DNS) group member	NOTAPPLIC			29
GRPCRITICAL Input/output valid values	NO, YES, NOTAPPLIC										
HOST	CHAR	CPSM	116	Yes	DIFF	No	Incoming connections listening address			E640 E650	40
IPADDRESS	CHAR	CPSM	15	No	DIFF	No	IPv4 address				22
MAXDATALEN	CHAR	CPSM	6	No	DIFF	No	Maximum length of data to be received or sent	32	3-524288		33
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
PORTNUMBER	CHAR	CPSM	8	Yes	DIFF	No	Port number		1-65535		8
PRIVACY	CVDAS	CPSM	4	No	LIKE	No	Privacy	NOTAPPLIC		E640PLUS	13
PRIVACY Input/output valid values	REQUIRED, SUPPORTED, NOTSUPPORTED, NOTAPPLIC										
PROTOCOL	CVDAS	CPSM	4	No	LIKE	No	Protocol				26
PROTOCOL Input/output valid values	HTTP, IIOP, ECI, USER, NOTAPPLIC, IPIC										
REALM	CHAR	CPSM	56	No	DIFF	No	Basic authentication realm name			E640	35
SOCKETCLOSE	CHAR	CPSM	6	No	DIFF	No	Timeout for socket close (HHMMSS)				23

Table 912. TCPDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
SSL	EYUDA	CPSM	4	Yes	LIKE	No	Secure sockets layer (SSL) type	NO			13
SSL Input/output valid values	YES, NO, CLIENTAUTH										
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	TCP/IP service status	OPEN			9
STATUS Input/output valid values	OPEN, CLOSED										
TRANSACTION	CHAR	CPSM	4	Yes	DIFF	No	CICS transaction ID				10
TSQPREFIX	CHAR	CPSM	6	No	DIFF	No	TS queue prefix				21
URM	CHAR	CPSM	8	No	DIFF	No	User-replaceable module name				11
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				17
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				18
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				19

## TCPINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a TCP/IP Service definition (TCPDEF) in a resource group (RESGROUP). A TCPDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is TCPGROUP.

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No



**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6168

Table 913. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 914. TCPINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 915. TCPINGRP 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
<b>TCPGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource Group name	5
<b>TCPNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	TCP/IP service definition name	6
<b>TCPVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	TCP/IP service definition version	7

## TCPIPGBL Resource Table

A CICS Resource that provides information about CICS internal TCP/IP sockets support.

There are no object specific actions for this resource class.

**External resource name**  
CICSTCPIPStatistics

**Length**  
608

**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**  
EYUt0113

Table 916. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

Table 917. TCPIPGBL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ACTSOCKETS	BINARY	INQ	4	AVG	No	Number of active TCP/IP sockets		3
CDELMAXSOCKS	BINARY	STAT	4	AVG	No	Current number of requests delayed at maximum sockets		17
CINSOCKETS	BINARY	STAT	4	AVG	No	Number of inbound sockets		4
COUSOCKETS	BINARY	STAT	4	AVG	No	Number of outbound sockets		6
CPERSOCKETS	BINARY	STAT	4	AVG	No	Number of persistent outbound sockets		8
CQTMAXSOCKS	BINARY	STAT	4	AVG	No	Current delay time at maximum sockets (seconds)		19
CRLPROFILE	CHAR	INQ	246	LIKE	No	Certificate Revocation List (CRL) Profile Name		21
CRLSERVER	CHAR	INQ	255	LIKE	No	CRL server name		21

Table 917. TCPIPGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
DELMAXSOCKS	BINARY	STAT	4	AVG	No	Total number of requests delayed at maximum sockets		14
INSOCKETSCR	BINARY	STAT	4	AVG	No	Number of inbound sockets created		10
MAXSOCKETS	BINARY	INQ	4	AVG	Yes	Maximum number of TCP/IP sockets		2
OUTSOCKETSCS	BINARY	STAT	4	AVG	No	Number of outbound sockets closed		12
OUTSOCKETSCR	BINARY	STAT	4	AVG	No	Number of outbound sockets created		11
PDELMAXSOCKS	BINARY	STAT	4	MAX	No	Peak number of requests delayed at maximum sockets		18
PINSOCKETS	BINARY	STAT	4	MAX	No	Peak number of inbound sockets		5
POUTSOCKETS	BINARY	STAT	4	MAX	No	Peak number of outbound sockets		7
PPERSOCKETS	BINARY	STAT	4	MAX	No	Peak number of persistent outbound sockets		9
QTMAXSOCKS	BINARY	STAT	4	AVG	No	Total delay time at maximum sockets (seconds)		15
RSVD1	CHAR	CPSM	9	LIKE	No	Reserved area	EALL	22
SSLCACHE	CVDDAS	INQ	4	LIKE	No	SSL cache type		20
SSLCACHE Output valid values	CICS, SYSPLEX							
STATUS	CVDDAS	INQ	4	LIKE	Yes	TCP/IP status		1
STATUS Input/output valid values	OPEN, CLOSED, IMMCLOSE							
STATUS Output valid values	CLOSING, IMMCLOSING, OPENING							
TDOMAXSOCKS	BINARY	STAT	4	AVG	No	Number of timeouts at maximum sockets		16
TIMMAXSOCKS	BINARY	STAT	4	AVG	No	Number of times maximum sockets reached		13

## TCPIPS Resource Table

A CICS Resource that describes a TCP/IP Service in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### CLOSE

Close a TCP/IP Service

### DISCARD

Discard a TCP/IP Service

### IMMCLOSE

Close a TCP/IP Service immediately

**OPEN** Open a TCP/IP Service

These actions require no unique parameter data.

**External resource name**  
CICSTCPIPService

**Length**  
560

**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**  
EYUt0103

Table 918. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	OPEN	None	N/A
	CLOSE	None	N/A
	IMMCLOSE	None	N/A
	DEREGISTER	None	N/A

Table 919. TCPIPS 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			
ATTACHSEC	CVDAS	INQ	4	LIKE	No	Attach-time security			32
ATTACHSEC Input/output valid values	NOTAPPLIC								
ATTACHSEC Output valid values	LOCAL, VERIFY								
AUTHENTICATE	CVDAS	INQ	4	LIKE	No	Authentication level			24
AUTHENTICATE Output valid values	AUTOAUTH, AUTOREGISTER, BASICAUTH, CERTIFICAUTH, NOAUTHENTIC, ASSERTED								
BACKLOG	BINARY	INQ	4	AVG	Yes	Queue backlog limit			3
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	48

Table 919. TCPIPS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
BYTERCVD	BINARY	STAT	8	AVG	No	Number of bytes received across all sockets			21
BYTESENT	BINARY	STAT	8	AVG	No	Number of bytes sent across all sockets			19
CERTIFICATE	CHAR	INQ	32	DIFF	No	Certificate			25
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	40
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, SYSTEM, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	41
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	43
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	39
CIPHERS	CHAR	INQ	56	LIKE	No	SSL cipher suite codes			34
CLOSETIMEOUT	BINARY	INQ	4	AVG	No	Timeout for socket close (seconds)			23
CONNECTIONS	BINARY	INQ	4	AVG	No	Number of connections			8
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	44
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	45
DNSGROUP	CHAR	INQ	18	DIFF	No	Domain name service (DNS) group			28
DNSSTATUS	CVDAS	INQ	4	LIKE	Yes	Domain name service (DNS) status			30
DNSSTATUS Input/output valid values	DEREGISTERED								
DNSSTATUS Output valid values	UNAVAILABLE, UNREGISTERED, REGISTERED, REGERROR, DEREGERROR, NOTAPPLIC								
GMTSERVOPN	DATETIME	STAT	8	MAX	No	GMT service open time			14
GRPCRITICAL	CVDAS	INQ	4	LIKE	No	Critical domain name service (DNS) group member			31
GRPCRITICAL Output valid values	NONCRITICAL, CRITICAL								
HOST	CHAR	INQ	116	DIFF	No	Server address to listen on		E640 E650	52
HOSSTYPE	CVDAS	INQ	4	LIKE	No	The listening server's address format		E640 E650	50
HOSSTYPE Output valid values	ANY, DEFAULT, HOSTNAME, IPV4, IPV6, NOTAPPLIC								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	42
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST								

Table 919. TCPIPS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	47
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	46
IPADDRESS	CHAR	INQ	15	DIFF	No	IPv4 address of the service			10
IPFAMILY	CVDAS	INQ	4	LIKE	No	Resolved IP address format		E640 E650	51
IPFAMILY Output valid values	IPV4, IPV6, UNKNOWN								
IPRESOLVED	CHAR	INQ	39	DIFF	No	Resolved IP address		E640 E650	49
MAXDATALEN	BINARY	INQ	4	AVG	Yes	Maximum length of data that may be received			37
<b>NAME-1</b>	CHAR	INQ	8	DIFF	Yes	TCP/IP service name			1
NUMCIPHERS	BINARY	INQ	2	LIKE	No	Number of SSL cipher suite codes			35
OPENSTATUS	CVDAS	INQ	4	LIKE	Yes	TCP/IP service status			4
OPENSTATUS Input/output valid values	OPEN, CLOSED, IMMCLOSE								
OPENSTATUS Output valid values	OPENING, CLOSING, IMMCLOSING								
PEAKCONNS	BINARY	STAT	4	AVG	No	Peak number of connections			13
PORT	BINARY	INQ	4	MAX	No	Port number			2
PRIVACY	CVDAS	INQ	4	LIKE	No	Privacy for clients using this service			33
PRIVACY Output valid values	REQUIRED, SUPPORTED, NOTSUPPORTED								
PROTOCOL	CVDAS	INQ	4	LIKE	No	Protocol			27
PROTOCOL Output valid values	HTTP, IIOP, NOTAPPLIC, ECI, IPIC								
REALM	CHAR	INQ	56	DIFF	No	Basic authentication realm name		E640	38
RECEIVES	BINARY	STAT	4	AVG	No	Number of receives across all sockets			20
SENDS	BINARY	STAT	4	AVG	No	Number of sends across all sockets			18
SOCKETCLOSE	CVDAS	INQ	4	LIKE	No	Socket close action			22
SOCKETCLOSE Output valid values	WAIT, TIMEOUT								
SSLTYPE	CVDAS	INQ	4	LIKE	No	Secure sockets layer (SSL) type			7
SSLTYPE Output valid values	SSL, NOSSL, CLIENTAUTH								
TIMEOPEN	DATETIME	STAT	8	MAX	No	Local service open time			15
TRANATTACH	BINARY	STAT	4	AVG	No	Number of transactions attached			12

Table 919. TCPIPS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
TRANSID	CHAR	INQ	4	DIFF	No	CICS transaction ID			5
TSQPREFIX	CHAR	INQ	6	DIFF	No	TS queue prefix			9
URM	CHAR	INQ	8	DIFF	Yes	User-replaceable module name			6

## TDQDEF Resource Table

A CICS Definition that describes an intrapartition, extrapartition, indirect or remote transient data queue.

The **Primary** key field for this resource class is NAME. Note that a TDQ name can be only 4 characters long. The remainder of the 8-character NAME field must 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:

### ADDTOGRP

Add a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

The parameter data for the CSDCOPY action is described in "Managing CICS definitions in the CSD" on page 14.

### CSDINSTALL

Install a CICS CSD resource definition into an active system.

The parameter data for the CSDINSTALL action is described in "Managing CICS definitions in the CSD" on page 14.

### INSTALL

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

The parameter data for the INSTALL action is described in "Parameters for installing CICS definitions using BAS" on page 17.

### External resource name

CICSDefinitionTDQueue

### Length

400

**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

CICS Definition

Copybook identifier

EYUt3811

Table 920. 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 SET	INSTALL	FORCEINS(YES   NO)	No
		MODE(INTRA   EXTRA   IND)	No
		NOTIFY(NO   INACTIVE   REMOVE   FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET   RELATED   BOTH   NONE)	No
		RELATED(value)	No
		STATECHK(YES   NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL   REMOTE)	Yes
	ADDTOGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR   DNBONOREPLACE   DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 921. TDQDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install



Table 921. TDQDEF FEEDBACK error codes (continued)

31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid oertype	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 922. TDQDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ATIFACILITY	EYUDA	CPSM	4	Yes	LIKE	No	Destination type	TERMINAL			16
ATIFACILITY Input/output valid values	TERMINAL, FILE, SYSTEM										
BLOCKFORMAT	CV DAS	CPSM	4	No	LIKE	No	Block option	NOTAPPLIC			9
BLOCKFORMAT Input/output valid values	BLOCKED, UNBLOCKED, NOTAPPLIC										
BLOCKSIZE	CHAR	CPSM	8	No	DIFF	No	Block size	0	0-32767		21
BUFNO	CHAR	CPSM	4	No	DIFF	No	Number of buffers	1	1-255	E510P	1465
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	54

Table 922. TDQDEF 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	56
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	55
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				48
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	58
DATABUFFERS	CHAR	CPSM	4	No	DIFF	No	Number of buffers	1	1-255		23
DDNAME	CHAR	CPSM	8	Yes	DIFF	No	DD name				29
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	87	0-99999999		53
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				52
DEVFILENAME	CHAR	CPSM	40	Yes	DIFF	No	Device file name			EALL	37
DEVICEINIT	EYUDA	CPSM	4	Yes	LIKE	No	Open at initialization	INITIAL		E330P	475
DEVICEINIT Input/output valid values	INITIAL, DEFERRED										
DEVICETYPE	EYUDA	CPSM	4	Yes	LIKE	No	Type of device	DISK		E330P	445
DEVICETYPE Input/output valid values	DISK, TAPE, PRINTER										
DISPOSITION	EYUDA	CPSM	4	Yes	LIKE	No	Disposition	SHR			11
DISPOSITION Input/output valid values	SHR, OLD, MOD										
DSNAME	CHAR	CPSM	44	No	DIFF	No	DS name				30
ERROROPTION	EYUDA	CPSM	4	Yes	LIKE	No	Error option	IGNORE			12
ERROROPTION Input/output valid values	IGNORE, SKIP										
FACILITYID	CHAR	CPSM	4	No	DIFF	No	Facility identifier				31

Table 922. TDQDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
FILELABEL	EYUDA	CPSM	4	Yes	LIKE	No	Write a standard label	NO		EALL	43
FILELABEL Input/output valid values	YES, NO										
INDIRECTNAME	CHAR	CPSM	4	No	DIFF	No	Indirect transient data queue (TDQ) name				34
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
OPENTIME	EYUDA	CPSM	4	Yes	LIKE	No	Data set open time	INITIAL			13
OPENTIME Input/output valid values	INITIAL, DEFERRED										
PRINTCONTROL	EYUDA	CPSM	4	No	LIKE	No	Printer control	N_A			14
PRINTCONTROL Input/output valid values	ASA, MACHINE, N_A										
PRINTERNUM	CHAR	CPSM	4	No	DIFF	No	Printer number	1403	1403-5203	E330P	145
RECORDFORMAT	CVDA	CPSM	4	No	LIKE	No	Record format	UNDEFINED			10
RECORDFORMAT Input/output valid values	UNDEFINED, VARIABLE, FIXED										
RECORDSIZE	CHAR	CPSM	8	No	DIFF	No	Record size	1	0-32767		22
RECOVSTATUS	EYUDA	CPSM	4	Yes	LIKE	No	Recovery option	NO			17
RECOVSTATUS Input/output valid values	NO, PHYSICAL, LOGICAL										
REMOTELLENGTH	CHAR	CPSM	8	No	DIFF	No	Remote length	1	0-32767		25
REMOTENAME	CHAR	CPSM	4	No	DIFF	No	Remote transient data queue (TDQ) name				35
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	No	System identifier of remote destination				36

Table 922. TDQDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	No	Queue is resident or non-resident	YES		E330P	1415
RESIDENT Input/output valid values	YES, NO										
REUSE	EYUDA	CPSM	4	Yes	LIKE	No	Reuse control intervals	YES		E330P	1405
REUSE Input/output valid values	YES, NO										
REWIND	EYUDA	CPSM	4	Yes	LIKE	No	Tape disposition	LEAVE			15
REWIND Input/output valid values	LEAVE, REREAD, NOTAPPLIC										
RSL	CHAR	CPSM	8	No	DIFF	No	Resource security value	PUBLIC	1-24	E330P	1395
RSL Input/output valid values	PUBLIC										
SYSOUTCLASS	CHAR	CPSM	1	No	DIFF	No	System output (SYSOUT) class				27
TAPEMARK	EYUDA	CPSM	4	Yes	LIKE	No	Write a file tapemark	NO		EALL	42
TAPEMARK Input/output valid values	YES, NO										
TDQTYPE	EYUDA	CPSM	4	Yes	LIKE	No	Transient data queue (TDQ) type	EXTRA			26
TDQTYPE Input/output valid values	EXTRA, INTRA, INDIRECT, REMOTE										
TERMID	CHAR	CPSM	4	No	DIFF	No	Terminal name				38
TRANSID	CHAR	CPSM	4	No	DIFF	No	Transaction started at trigger level				32
TRIGGERLEVEL	CHAR	CPSM	8	No	DIFF	No	Trigger level	1	0-32767		24
TYPEFILE	CVDAS	CPSM	4	Yes	LIKE	No	Data set type	INPUT			20

Table 922. TDQDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
TYPEFILE Input/output valid values	INPUT, OUTPUT, RDBACK										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				49
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				50
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				51
USERID	CHAR	CPSM	8	No	DIFF	No	User ID on the triggered transaction				33
WAIT	EYUDA	CPSM	4	Yes	LIKE	No	Wait for UOW resynchronization	N_A			18
WAIT Input/output valid values	YES, NO, N_A										
WAITACTION	EYUDA	CPSM	4	Yes	LIKE	No	In-doubt UOW wait action	N_A			19
WAITACTION Input/output valid values	REJECT, QUEUE, N_A										

## TDQGBL Resource Table

A CICS Resource that describes the general characteristics of transient data usage in an active CICS system being managed by CICSplex SM .

The **TDQGBL** resource class does not provide an explicit key attribute. The set of object instances returned is a function of the current scope in effect when the request is made.

There are no object specific actions for this resource class.

**External resource name**

CICSGlobalTDQueueStatistics

**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**

EYUt0025

Table 923. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 924. TDQGBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ACCESSCNT	BINARY	STAT	4	AVG	Number of intrapartition accesses	3
BUFFERS	BINARY	STAT	4	AVG	Number of intrapartition buffers	1
BUFFWAITS	BINARY	STAT	4	AVG	Number of intrapartition buffer waits	5
CINUM	BINARY	STAT	4	AVG	Number of control intervals	8
CISIZE	BINARY	STAT	4	AVG	Control interval size	7
CURBUFFWAIT	BINARY	STAT	4	AVG	Number of current buffer waits	21
CURBUFVALDA	BINARY	STAT	4	AVG	Number of current buffers with valid data	22
CURCONBUFAC	BINARY	STAT	4	AVG	Number of current concurrent buffer accesses	20
CURCONSTRAC	BINARY	STAT	4	AVG	Number of current concurrent string accesses	23
CURSTRWAITS	BINARY	STAT	4	AVG	Number of current string waits	24
FMTWRITE	BINARY	STAT	4	AVG	Number of formatting writes	13
IOERS	BINARY	STAT	4	AVG	Number of I/O errors	14
NOSPACECNT	BINARY	STAT	4	AVG	Number of times NOSPACE occurred	10
NUMCTRLINTV	BINARY	STAT	4	AVG	Number of control intervals in use	25
PEAKBWAIT	BINARY	STAT	4	AVG	Peak number of intrapartition buffer waits	6
PEAKCACCESS	BINARY	STAT	4	AVG	Peak number of concurrent intrapartition accesses	4
PEAKCIUSE	BINARY	STAT	4	AVG	Peak number of control intervals used	9
PEAKQACTV	BINARY	STAT	4	AVG	Peak number of queues that contain data	2
PEAKSTRACC	BINARY	STAT	4	AVG	Peak number of concurrent string accesses	17
PEAKSTRWAIT	BINARY	STAT	4	AVG	Peak number of string waits	19
READS	BINARY	STAT	4	AVG	Number of data set reads	12
STRACCESS	BINARY	STAT	4	AVG	Number of times string accessed	16
STRINGS	BINARY	STAT	4	AVG	Number of strings	15
STRNGWAITS	BINARY	STAT	4	AVG	Number of string waits	18
WRITES	BINARY	STAT	4	AVG	Number of writes to data set	11

## TDQINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a transient data queue definition (TDQDEF) in a resource group (RESGROUP). A TDQDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is TDQGROUP.

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6156

Table 925. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 926. TDQINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 927. TDQINGRP 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
<b>TDQGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>TDQNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	TDQ definition name	6
<b>TDQVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	TDQ definition version	7

## TERMDEF Resource Table

A CICS Definition that describes a terminal device with which CICS is to communicate.

The **Primary** key field for this resource class is NAME. Note that a terminal name can be only 4 characters long. The remainder of the 8-character NAME field must 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:

### ADDTGRP

Add a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

The parameter data for the CSDCOPY action is described in "Managing CICS definitions in the CSD" on page 14.

### CSDINSTALL

Install a CICS CSD resource definition into an active system.

The parameter data for the CSDINSTALL action is described in "Managing CICS definitions in the CSD" on page 14.

### INSTALL

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

The parameter data for the INSTALL action is described in "Parameters for installing CICS definitions using BAS" on page 17.

### External resource name

CICSDefinitionTerminal

### 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**

CICS Definition

**Copybook identifier**

EYUt3812

Table 928. 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 SET	INSTALL	FORCEINS(YES   NO)	No
		MODE(value)	No
		NOTIFY(NO   INACTIVE   REMOVE   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   DUBNONREPLACE   DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 929. TERMDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found

Table 929. TERMDEF FEEDBACK error codes (continued)

21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELISTEND	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid oertype	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 930. TERMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ALTPRINTCOPY	EYUDA	CPSM	4	Yes	LIKE	No	Hardware COPY feature for alternate printer	NO			10
ALTPRINTCOPY	Input/output valid values										

Table 930. TERMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ALTPRINTER	CHAR	CPSM	4	No	DIFF	No	Alternate printer name				9
ASSOCPRNTR	CHAR	CPSM	4	No	DIFF	No	Associated printer				58
ASYNCBPS	CHAR	CPSM	8	No	DIFF	No	OS/2 asynchronous line speed (bits per second)			EALL	78
ASYNCBPS Input/output valid values	110, 150, 300, 600, 1200, 1800, 2400, 3600, 4800, 9600, 19200										
ASYNCPORT	EYUDA	CPSM	4	No	LIKE	No	3151 asynchronous port (OS/2)			EALL	77
ASYNCPORT Input/output valid values	COM1, COM2, COM3, COM4, COM5, COM6, COM7, COM8										
ATI	EYUDA	CPSM	4	No	LIKE	No	Automatic transaction initialization allowed	NO		EALL	68
ATI Input/output valid values	YES, NO										
ATTACHSEC	EYUDA	CPSM	4	Yes	LIKE	No	Level of attach-time security	LOCAL			11
ATTACHSEC Input/output valid values	LOCAL, IDENTIFY, VERIFY, PERSISTENT, MIXIDPE										
AUTOCONNECT	EYUDA	CPSM	4	No	LIKE	No	Autoconnect to occur for terminal	NO		EALL	69
AUTOCONNECT Input/output valid values	YES, NO, ALL										
AUTOINSMODEL	EYUDA	CPSM	4	Yes	LIKE	No	Model for autoinstall option	NO			12
AUTOINSMODEL Input/output valid values	YES, NO, ONLY										
AUTOINSNAME	CHAR	CPSM	8	No	DIFF	No	Name of autoinstall model definition				13
BINDPASSWORD	HIDCHAR	CPSM	16	No	DIFF	No	Bind password				28

Table 930. TERMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
BINDSECURITY	EYUDA	CPSM	4	Yes	LIKE	No	Bind-time security	NO			14
BINDSECURITY Input/output valid values	YES, NO										
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	87
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	89
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	88
CODEPAGE	CHAR	CPSM	8	No	DIFF	No	Code page		1-65534	EALL	76
COLOR	EYUDA	CPSM	4	No	LIKE	No	Extended color feature	NO		EALL	71
COLOR Input/output valid values	YES, NO										
CONSNAME	CHAR	CPSM	8	No	DIFF	No	Console name				16
CONSOLE	CHAR	CPSM	4	No	DIFF	No	Console ID		0-250	E640 E650	135
CONSOLE Input/output valid values	NO										
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				59
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	91
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	87	0-99999999		86
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				63
FULLSCREEN	EYUDA	CPSM	4	No	LIKE	No	Window style (OS/2)			EALL	75
FULLSCREEN Input/output valid values	PMWINDOW, FULLSCREEN										
GCHARCODE	CHAR	CPSM	8	No	DIFF	No	Graphic character set code	0	0-65535	EALL	70

Table 930. TERMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
HIGHLITE	EYUDA	CPSM	4	No	LIKE	No	Extended highlight supported	NO		EALL	72
HIGHLITE Input/output valid values	YES, NO										
INSERVICE	EYUDA	CPSM	4	Yes	LIKE	No	Terminal inservice	YES			32
INSERVICE Input/output valid values	YES, NO										
KATAKANA	EYUDA	CPSM	4	No	LIKE	No	Katakana feature supported	NO		EALL	73
KATAKANA Input/output valid values	YES, NO										
MODENAME	CHAR	CPSM	8	No	DIFF	No	Logmode name				17
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
NATLANG	CHAR	CPSM	1	No	DIFF	No	Language for NLS-enabled messages				46
NETNAME	CHAR	CPSM	8	No	DIFF	No	VTAM network name				18
OPERID	CHAR	CPSM	3	No	DIFF	No	Operator identifier for BMS			E330P147S	147S
OPERPRIORITY	CHAR	CPSM	4	No	DIFF	No	Operator priority	0	0-255	E330P143S	143S
OPERRSL	CHAR	CPSM	50	No	DIFF	No	Operator resource security keys			E330P144S	144S
OPERSEC	CHAR	CPSM	150	No	DIFF	No	Operator transaction security keys			E330P145S	145S
OS2TERMTYP	EYUDA	CPSM	4	No	LIKE	No	Terminal type (OS/2)			EALL	83
OS2TERMTYP Input/output valid values	3270TERM, 3270PRNT, 3151TERM, 3270DBTM, 3270DBPR, SEQTERM										
POOL	CHAR	CPSM	8	No	DIFF	No	Pool name for pipeline terminal				19
PRINCLSMODE	EYUDA	CPSM	4	No	LIKE	No	Printer close mode			EALL	84

Table 930. TERMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
PRINCLSMODE Input/output valid values	EOF, EOT										
PRINTEDMSG	EYUDA	CPSM	4	No	LIKE	No	Send messages to printer	NO		EALL	56
PRINTEDMSG Input/output valid values	YES, NO										
PRINTER	CHAR	CPSM	4	No	DIFF	No	Printer name				20
PRINTERCOPY	EYUDA	CPSM	4	Yes	LIKE	No	Hardware copy feature	NO			31
PRINTERCOPY Input/output valid values	YES, NO										
PRINTIMMED	EYUDA	CPSM	4	No	LIKE	No	Send end of report indicator	NO		EALL	57
PRINTIMMED Input/output valid values	YES, NO										
REMOTENAME	CHAR	CPSM	8	No	DIFF	No	Terminal name in the remote system				23
REMOTESYSNET	CHAR	CPSM	8	No	DIFF	No	Remote system network name				22
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	No	Remote system name				21
SCRHIGH	CHAR	CPSM	4	No	DIFF	No	Screen height	24	1-66	EALL	80
SCRWIDTH	CHAR	CPSM	4	No	DIFF	No	Screen width	80	1-132	EALL	81
SECURITYNAME	CHAR	CPSM	8	No	DIFF	No	Security name of the remote system				24
SOLICITED	EYUDA	CPSM	4	No	LIKE	No	Solicited messages	NO		EALL	85
SOLICITED Input/output valid values	NO, YES										
SPOOLDEST	CHAR	CPSM	8	No	DIFF	No	Spool destination			EALL	54

Table 930. TERMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
SPOOLPRTRSL	CHAR	CPSM	8	No	DIFF	No	Spool print resource security level (RSL)	PUBLIC	1-24	EALL	52
SPOOLPRTRSL Input/output valid values	PUBLIC										
SPOOLPRTO	CHAR	CPSM	4	No	DIFF	No	Spool printer inactive time allowed	0	0-59	EALL	53
SPOOLTO	CHAR	CPSM	8	No	DIFF	No	Default spool printer name			EALL	55
TASKLIMIT	CHAR	CPSM	8	No	DIFF	No	Concurrent task limit for pipeline session		1-32767		29
TASKLIMIT Input/output valid values	NO										
TERMPRIORITY	CHAR	CPSM	4	No	DIFF	No	Terminal priority	0	0-255		30
TRANSACTION	CHAR	CPSM	4	No	DIFF	No	Fixed transaction ID				25
TYPETERM	CHAR	CPSM	8	Yes	DIFF	No	Typeterm definition name				26
UPCASETR	EYUDA	CPSM	4	No	LIKE	No	Upper case translation			EALL	82
UPCASETR Input/output valid values	YES, NO, TRANID										
USEDFTUSER	EYUDA	CPSM	4	No	LIKE	No	Use default user	N_A			67
USEDFTUSER Input/output valid values	NO, YES, N_A										
USERAREALEN	CHAR	CPSM	4	No	DIFF	No	Length of the user area for the terminal	0	0-255	EALL	74
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				60

Table 930. TERMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				61
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				62
USERID	CHAR	CPSM	8	No	DIFF	No	User ID				27
WSSETUP	CHAR	CPSM	8	No	DIFF	No	Workstation setup (OS/2)			EALL	79

## TERMNL Resource Table

A CICS Resource that describes a terminal in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is TERMID.

The following actions are supported:

### ACQUIRE

Acquire a terminal.

### CANCEL

Cancel AID queuing for a terminal.

### DISCARD

Discard a terminal.

### FORCEPURGE

Force transactions associated with a terminal to be purged immediately.

### INSERVICE

Set a terminal in service.

**KILL** Kill the transactions associated with the terminal.

**Note:** Kill can lead to unpredictable results and should be used only in exceptional circumstances.

### OUTSERVICE

Set a terminal out of service.

### PURGE

Purge transactions associated with a terminal.

### RELEASE

Release a terminal.

These actions require no unique parameter data.

**External resource name**

CICSTerminal

**Length**

456

**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**  
 EYUt0019

Table 931. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	ACQUIRE	None	N/A
	INSERVICE	None	N/A
	OUTSERVICE	None	N/A
	PURGE	None	N/A
	FORCEPURGE	None	N/A
	CANCEL	None	N/A
	RELEASE	None	N/A
	KILL	None	N/A

Table 932. TERMNL FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	ACTNOT_SUPPORT	Action not supported			

Table 933. TERMNL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ACCESSMETHOD	CVDAS	INQ	4	LIKE	No	Access method		5
ACCESSMETHOD Output valid values	VTAM, BSAM, BTAMES, BGAM, TCAM, TCAMSNA, CONSOLE, NETBIOS, TCPIP, RPC, NOTAPPLIC							
ACQSTATUS	CVDAS	INQ	4	LIKE	Yes	Acquire status		2
ACQSTATUS Input/output valid values	ACQUIRED, RELEASED, NOTAPPLIC							
ACQSTATUS Input valid values	COLDACQ							
ACQSTATUS Output valid values	ACQUIRING, RELEASING							

Table 933. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
ALTPAGEHT	BINARY	INQ	2	AVG	No	Alternate page height		48
ALTPAGEWD	BINARY	INQ	2	AVG	No	Alternate page width		49
ALTPRINTER	CHAR	INQ	4	DIFF	Yes	Alternate printer		50
ALTPRTCOPYST	CVDAS	INQ	4	LIKE	Yes	Hardware COPY feature for alternate printer		51
ALTPRTCOPYST Input/output valid values	ALTPRTCOPY, NOALTPRTCOPY							
ALTPRTCOPYST Output valid values	NOTAPPLIC							
ALTSCRNHT	BINARY	INQ	2	AVG	No	Alternate screen height		52
ALTSCRNWD	BINARY	INQ	2	AVG	No	Alternate screen width		53
ALTSUFFIX	CHAR	INQ	1	DIFF	No	Alternate-map-set suffix		92
APLKYBDST	CVDAS	INQ	4	LIKE	No	APL keyboard feature		54
APLKYBDST Output valid values	APLKYBD, NOAPLKYBD							
APLTEXTST	CVDAS	INQ	4	LIKE	No	APL text feature		55
APLTEXTST Output valid values	APLTEXT, NOAPLTEXT							
ASCII	CVDAS	INQ	4	LIKE	No	ASCII data stream type		95
ASCII Output valid values	ASCII7, ASCII8, NOTAPPLIC							
ATISTATUS	CVDAS	INQ	4	LIKE	Yes	Automatic transaction initiation (ATI) status		3
ATISTATUS Input/output valid values	ATI, NOATI							
AUDALARMST	CVDAS	INQ	4	LIKE	No	Audible alarm feature		56
AUDALARMST Output valid values	AUDALARM, NOAUDALARM							
AUTOCONNECT	CVDAS	INQ	4	LIKE	No	Session binding status		96
AUTOCONNECT Output valid values	AUTOCONN, NONAUTOCONN, ALLCONN, NOTAPPLIC							
BACKTRANSST	CVDAS	INQ	4	LIKE	No	Background transparency feature		57
BACKTRANSST Output valid values	BACKTRANS, NOBACKTRANS							
COLORST	CVDAS	INQ	4	LIKE	No	Extended color feature		58
COLORST Output valid values	COLOR, NOCOLOR							
CONSOLE	CHAR	INQ	12	DIFF	No	Console ID		105
COPYST	CVDAS	INQ	4	LIKE	No	Copy feature in control unit		59
COPYST Output valid values	COPY, NOCOPY							
CORRELID	CHAR	INQ	8	DIFF	No	Correlation ID		102
CREATESESS	CVDAS	INQ	4	LIKE	Yes	Session creation status		4

Table 933. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
CREATESESS Input/output valid values	CREATE, NOCREATE							
CREATESESS Output valid values	NOTAPPLIC							
DATASTREAM	CVDAS	INQ	4	LIKE	No	Device data stream type		97
DATASTREAM Output valid values	DS3270, SCS, NOTAPPLIC							
DEFPAGEHT	BINARY	INQ	2	AVG	No	Default page height		60
DEFPAGEWD	BINARY	INQ	2	AVG	No	Default page width		61
DEFSCRNHT	BINARY	INQ	2	AVG	No	Default screen height		62
DEFSCRNWD	BINARY	INQ	2	AVG	No	Default screen width		63
DEVICE	CVDAT	INQ	4	LIKE	No	Device type		7
DEVICE Output valid values	BATCHLU, BIPROG, BISYNCH, CDRDLPRT, CONTNLU, HARDCOPY, INTACTLU, ISCMCONV, LUCMODGRP, LUCSESS, LUTYPE4, LUTYPE6, MAGTAPE, RESSYS, SDLC, SEQDISK, SYSTEM3, SYSTEM7, SYS7BCSA, TCONSOLE, TELETYPE, TTCAM, TWX3335, T1050, T1053, T2260L, T2260R, T2265, T2740, T2741BCD, T2741COR, T2770, T2780, T3275R, T3277L, T3277R, T3284L, T3284R, T3286L, T3286R, T3600BI, T3601, T3614, T3650ATT, T3735, T3650PIPE, T3650USER, T3653HOST, T3740, T3780, T3790, T3790SCSP, T3790UP, T7770, VIDEOTERM							
DEVICEST	CVDAS	INQ	4	LIKE	No	Device busy status	E330P	198S
DEVICEST Output valid values	BUSY, NOTBUSY							
DISCREQST	CVDAS	INQ	4	LIKE	Yes	Disconnect Requests status		64
DISCREQST Input/output valid values	DISCREQ, NODISCREQ							
DUALCASEST	CVDAS	INQ	4	LIKE	No	Dual-case keyboard status		65
DUALCASEST Output valid values	DUALCASE, NODUALCASE							
EXITTRACING	CVDAS	INQ	4	LIKE	Yes	Exit tracing status		8
EXITTRACING Input/output valid values	EXITTRACE, NOEXITTRACE							
EXITTRACING Output valid values	NOTAPPLIC							
EXTENDEDSSST	CVDAS	INQ	4	LIKE	No	Extended data stream support		66
EXTENDEDSSST Output valid values	EXTENDEDSS, NOEXTENDEDSS							
FMHPARMST	CVDAS	INQ	4	LIKE	No	Function management header (FMH) option		67
FMHPARMST Output valid values	FMHPARM, NOFMHPARM							
FORMFEEDST	CVDAS	INQ	4	LIKE	No	Forms feed feature		68
FORMFEEDST Output valid values	FORMFEED, NOFORMFEED							
GCHARS	BINARY	INQ	2	AVG	No	Graphic character set global ID		9

Table 933. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
GCODES	BINARY	INQ	2	AVG	No	Code page global ID		10
HFORMST	CVDAS	INQ	4	LIKE	No	Horizontal form feature		70
HFORMST Output valid values	HFORM, NOHFORM							
HILIGHTST	CVDAS	INQ	4	LIKE	No	Extended highlight feature		69
HILIGHTST Output valid values	HILIGHT, NOHILIGHT							
INPMSCNT	BINARY	STAT	4	AVG	No	Number of input messages		37
KATAKANAST	CVDAS	INQ	4	LIKE	No	Katakana terminal		71
KATAKANAST Output valid values	KATAKANA, NOKATAKANA							
LIGHTPENST	CVDAS	INQ	4	LIKE	No	Selector pen feature		72
LIGHTPENST Output valid values	LIGHTPEN, NOLIGHTPEN							
LINKSYSTEM	CHAR	INQ	4	DIFF	No	Real link connection for remote TOR		104
MAPNAME	CHAR	INQ	7	DIFF	Yes	Last map referenced in SEND MAP command		100
MAPSETNAME	CHAR	INQ	8	DIFF	Yes	Last map set referenced in SEND MAP command		99
MODENAME	CHAR	INQ	8	DIFF	No	Mode name		11
MSRCONTROLST	CVDAS	INQ	4	LIKE	No	Magnetic slot reader		73
MSRCONTROLST Output valid values	MSRCONTROL, NOMSRCONTROL							
NATLANG	CHAR	INQ	1	AVG	No	National language ID		13
NATURE	CVDAT	INQ	4	LIKE	No	Terminal definition type		12
NATURE Output valid values	TERMINAL, MODEL, SESSION, SURROGATE							
NETNAME	CHAR	INQ	8	DIFF	No	Network name		14
NEXTTRANSID	CHAR	INQ	4	DIFF	Yes	Next transaction ID		31
NQNAME	CHAR	INQ	17	DIFF	No	Network qualified name		106
OBFORMATST	CVDAS	INQ	4	LIKE	Yes	Outboard formatting support		74
OBFORMATST Input/output valid values	OBFORMAT, NOOBFORMAT							
OOPERIDST	CVDAS	INQ	4	LIKE	No	Outboard operator IDs used		75
OOPERIDST Output valid values	OOPERID, NOOOPERID							
OPERID	CHAR	INQ	3	DIFF	No	Operator ID		15
OUTLINEST	CVDAS	INQ	4	LIKE	No	Field outlining support		76
OUTLINEST Output valid values	OUTLINE, NOOUTLINE							
OUTMSGCNT	BINARY	STAT	4	AVG	No	Number of output messages		38
PAGEHT	BINARY	INQ	4	AVG	No	Current page height		77
PAGESTATUS	CVDAS	INQ	4	LIKE	Yes	BMS paging status		16

Table 933. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
PAGESTATUS Input/output valid values	PAGEABLE, AUTOPAGEABLE							
PAGEWD	BINARY	INQ	4	AVG	No	Current page width		78
PARTITIONSST	CVDAS	INQ	4	LIKE	No	Partitions status		79
PARTITIONSST Output valid values	PARTITIONS, NOPARTITIONS							
PMSGCNT	BINARY	STAT	4	AVG	No	Total pipeline-throwaway count		43
PMSGCONSEC	BINARY	STAT	2	AVG	No	Maximum pipeline-throwaway count		45
PMSGRPCNT	BINARY	STAT	4	AVG	No	Number of consecutive pipeline-throwaways		44
POLLCNT	DECIMAL	STAT	4	AVG	No	Number of polls sent to terminal		36
PRINTADAPTST	CVDAS	INQ	4	LIKE	No	Printer adaptor feature		80
PRINTADAPTST Output valid values	PRINTADAPT, NOPRINTADAPT							
PRINTER	CHAR	INQ	4	DIFF	Yes	Printer name		81
PROGSYMBOLST	CVDAS	INQ	4	LIKE	No	Programmed symbol facility support		82
PROGSYMBOLST Output valid values	PROGSYMBOL, NOPROGSYMBOL							
PRTCOPYST	CVDAS	INQ	4	LIKE	Yes	Hardware COPY feature for preferred printer		83
PRTCOPYST Input/output valid values	PRTCOPY, NOPRTCOPY							
PRTCOPYST Output valid values	NOTAPPLIC							
QUERYST	CVDAS	INQ	4	LIKE	No	Query option		84
QUERYST Output valid values	ALLQUERY, COLDQUERY, NOQUERY							
RELREQST	CVDAS	INQ	4	LIKE	Yes	Release Request status		85
RELREQST Input/output valid values	RELREQ, NORELREQ							
REMOTENAME	CHAR	INQ	4	DIFF	No	Name of terminal in remote CICS		34
REMOTESYSNET	CHAR	INQ	8	DIFF	No	Remote TOR net name		103
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name		35
SCREENHEIGHT	BINARY	INQ	2	AVG	No	Screen height		17
SCREENWIDTH	BINARY	INQ	2	AVG	No	Screen width		18
SECURITY	CVDAS	INQ	4	LIKE	No	Preset security status		6
SECURITY Output valid values	PRESETSEC, NOPRESETSEC							
SERVSTATUS	CVDAS	INQ	4	LIKE	Yes	Service status		19
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE							

Table 933. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SERVSTATUS Output valid values	GOINGOUT							
SESSIONTYPE	CVDAS	INQ	4	LIKE	No	Session type		32
SESSIONTYPE Output valid values	LU61, APPCSINGLE, APPCPARALLEL, NOTAPPLIC							
SIGNONSTATUS	CVDAS	INQ	4	LIKE	No	Sign-on status		20
SIGNONSTATUS Output valid values	SIGNEDON, SIGNEDOFF							
SOSIST	CVDAS	INQ	4	LIKE	No	Mixed EBCDIC/DBCS support		86
SOSIST Output valid values	SOSI, NOSOSI							
STGVCNT	BINARY	STAT	4	AVG	No	Number of storage violations		40
STORAGE	BINARY	STAT	4	AVG	No	Terminal input-output area (TIOA) storage		94
TASKID	BINARY	INQ	4	AVG	No	Id of task currently executing at terminal		21
TCAMCONTROL	BIT	INQ	1	LIKE	Yes	TCAM message control flag		47
<b>TERMINID-1</b>	CHAR	INQ	4	DIFF	Yes	Terminal ID		1
TERMMODEL	CNUMERIC	INQ	2	AVG	No	Terminal model number		27
TERMPRIORITY	BINARY	INQ	4	AVG	Yes	Terminal priority		22
TERMTYPE	BINARY	STAT	1	AVG	No	Terminal type		46
TERRCNT	BINARY	STAT	4	AVG	No	Number of transaction errors		42
TEXTKYBDST	CVDAS	INQ	4	LIKE	No	Text-keyboard feature		87
TEXTKYBDST Output valid values	TEXTKYBD, NOTEXTKYBD							
TEXTPRINTST	CVDAS	INQ	4	LIKE	No	Text-print feature		88
TEXTPRINTST Output valid values	TEXTPRINT, NOTEXTPRINT							
TRACING	CVDAS	INQ	4	LIKE	Yes	Terminal tracing type		23
TRACING Input/output valid values	SPECTRACE, STANTRACE							
TRANCNT	BINARY	STAT	4	AVG	No	Number of transactions		39
TRANSACTION	CHAR	INQ	4	DIFF	No	Current transaction name		24
TTISTATUS	CVDAS	INQ	4	LIKE	Yes	Terminal transaction initiation (TTI) status		25
TTISTATUS Input/output valid values	TTI, NOTTI							
UCTRANST	CVDAS	INQ	4	LIKE	Yes	Uppercase translate option support		89
UCTRANST Input/output valid values	UCTRAN, NOUCTRAN, TRANIDONLY							
USERAREA	ADDRESS	INQ	4	AVG	No	Terminal user area (TCTUA) address		26
USERAREALEN	BINARY	INQ	2	AVG	No	Terminal user area (TCTUA) length		28

Table 933. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
USERID	CHAR	INQ	8	DIFF	No	User ID		29
USERNAME	CHAR	INQ	20	DIFF	No	User name		33
VALIDATIONST	CVDAS	INQ	4	LIKE	No	Extended validation feature		90
VALIDATIONST Output valid values	VALIDATION, NOVALIDATION							
VFORMST	CVDAS	INQ	4	LIKE	No	Vertical form feature		91
VFORMST Output valid values	VFORM, NOVFORM							
XERRCNT	BINARY	STAT	4	AVG	No	Number of transmission errors		41
ZCPTRACING	CVDAS	INQ	4	LIKE	Yes	ZCP tracing status		30
ZCPTRACING Input/output valid values	ZCPTRACE, NOZCPTRACE							
ZCPTRACING Output valid values	NOTAPPLIC							

## TRANCLAS Resource Table

A CICS Resource that describes a transaction class in an active CICS system being managed by CICSplex SM.

The TRANCLAS resource class can be used to request object instances that were identified as TCLASS objects in versions of CICS before 4.1.

The following action is supported:

### DISCARD

Discard a transaction class.

This action requires no unique parameter data.

### External resource name

CICSTransactionClass

### Length

176

**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**  
EYUt0051

Table 934. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 935. TRANCLAS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid			

Table 936. TRANCLAS 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			
ACCEPTAFTRQD	BINARY	STAT	4	AVG	No	Number of transactions accepted after being queued			10
ACCEPTIMMED	BINARY	STAT	4	AVG	No	Number of transactions accepted immediately			9
ACTIVE	BINARY	INQ	4	AVG	No	Number of transactions currently active in class			3
ACTIVEPEAK	BINARY	STAT	4	AVG	No	Peak number of active transactions			13
ATTACHES	BINARY	STAT	4	AVG	No	Total number of attach requests			6
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	28
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	20
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	21
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	23
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	19
CURQUEEDTIME	INTTSTP	STAT	8	MAX	No	Total time transactions currently queued			18
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	24
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	25
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	22



Table 936. TRANCLAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
INSTALLAGENT	CSDAPI, CREATESPI, GRPLIST								
INSTALLDEFs	BINARY	STAT	4	AVG	No	Number of transaction definitions installed			12
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	27
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	26
MAXACTIVE	BINARY	INQ	4	AVG	Yes	Maximum number of transactions allowed in class			2
<b>NAME-1</b>	CHAR	INQ	8	DIFF	Yes	Transaction class name			1
PURGEIMMED	BINARY	STAT	4	AVG	No	Number of transactions purged due to threshold			7
PURGETHRESH	BINARY	INQ	4	AVG	Yes	Purge threshold			5
PURGEWHILEQD	BINARY	STAT	4	AVG	No	Number of transactions purged while queued			11
PURGTHRTIMES	BINARY	STAT	4	AVG	No	Number of times purge threshold met			16
QUEUED	BINARY	INQ	4	AVG	No	Number of transactions currently queued			4
QUEUEDPEAK	BINARY	STAT	4	AVG	No	Peak number of queued transactions			14
QUEUETIME	INTTSTP	STAT	8	MAX	No	Total time transactions queued			17
TIMESATMAX	BINARY	STAT	4	AVG	No	Times maximum active transactions reached			15
TOTQUEDCNT	BINARY	STAT	4	AVG	No	Total number of transactions queued			8

## TRANDEF Resource Table

A CICS Definition that describes how a transaction is to run.

The **Primary** key field for this resource class is NAME. Note that a transaction name can be only 4 characters long. The remainder of the 8-character NAME field must 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:

### ADDTGRP

Add a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

The parameter data for the CSDCOPY action is described in "Managing CICS definitions in the CSD" on page 14.

**CSDINSTALL**

Install a CICS CSD resource definition into an active system.

The parameter data for the CSDINSTALL action is described in “Managing CICS definitions in the CSD” on page 14.

**INSTALL**

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

The parameter data for the INSTALL action is described in “Parameters for installing CICS definitions using BAS” on page 17.

**External resource name**

CICSDefinitionTransaction

**Length**

576

**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**

CICS Definition

**Copybook identifier**

EYUt3813

Table 937. 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 SET	INSTALL	FORCEINS(YES NO)	No	
		MODE(DYNAM STAT)	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	
		ADDTOGRP	RESGROUP(value)	Yes
		CSDINSTALL	None	N/A
		CSDCOPY	AS_RESOURCE(value)	No
			DUPACTION(DUPERROR DUPNOREPLACE DUPREPLACE)	No
	TO_CSDGROUP(value)	No		

Table 938. TRANDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid overtyp	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS retype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required

Table 938. TRANDEF FEEDBACK error codes (continued)

63	CSD_ERROR	CSD error
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Table 939. TRANDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ALIAS	CHAR	CPSM	4	No	DIFF	No	Alias name for transaction				9
BREXIT	CHAR	CPSM	8	No	DIFF	No	Bridge exit name				61
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	66
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	68
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	67
CMDSEC	EYUDA	CPSM	4	Yes	LIKE	No	Command level security option	NO			16
CMDSEC Input/output valid values	YES, NO										
CONFDATA	EYUDA	CPSM	4	No	LIKE	No	Suppress user data in trace entries	NO			55
CONFDATA Input/output valid values	YES, NO										
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				56
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	70
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	0-99999999		65
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				60
DTIMOUT	CHAR	CPSM	4	No	DIFF	No	Deadlock timeout value	NO	1-6800		41

Table 939. TRANDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
DTIMOUT Input/output valid values	NO										
DUMP	EYUDA	CPSM	4	Yes	LIKE	No	Transaction dump option	YES			37
DUMP Input/output valid values	YES, NO										
DYNAMIC	EYUDA	CPSM	4	Yes	LIKE	No	Dynamic routing option	NO			38
DYNAMIC Input/output valid values	YES, NO										
EXTSEC	EYUDA	CPSM	4	No	LIKE	No	External security manager option	N_A		E330P	150S
EXTSEC Input/output valid values	YES, NO, N_A										
FAILACTION	CVDAS	CPSM	4	No	LIKE	No	CICS failure action	BACKOUT			14
FAILACTION Input/output valid values	BACKOUT, COMMIT										
INDOUBT	CVDAS	CPSM	4	No	LIKE	No	In-doubt failure processing action	BACKOUT		E510P	155S
INDOUBT Input/output valid values	BACKOUT, COMMIT, WAIT										
ISOLATE	EYUDA	CPSM	4	Yes	LIKE	No	Transaction isolation option	YES			36
ISOLATE Input/output valid values	YES, NO										
LOCALQ	EYUDA	CPSM	4	No	LIKE	No	Queueing on local system	N_A			22
LOCALQ Input/output valid values	YES, NO, N_A										
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
OTSTIMEOUT	CHAR	CPSM	6	Yes	DIFF	No	Object transaction service (OTS) timeout (HHMMSS)	NO			64

Table 939. TRANDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
PARTITIONSET	CHAR	CPSM	8	No	DIFF	No	Default application partition set				34
PRIMEDSIZE	CHAR	CPSM	8	No	DIFF	No	Primed storage allocation	0	0-65520	E330P149S	49S
PRIORITY	CHAR	CPSM	4	No	DIFF	No	Transaction priority		0-255		39
PROFILE	CHAR	CPSM	8	No	DIFF	No	Transaction profile	DFHCICST			13
PROGRAM	CHAR	CPSM	8	No	DIFF	No	First program name				10
REMOTENAME	CHAR	CPSM	8	No	DIFF	No	Remote transaction name				11
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	No	Remote system name				12
RESSEC	EYUDA	CPSM	4	Yes	LIKE	No	Resource security checking	NO			23
RESSEC Input/output valid values	YES, NO										
RESTART	EYUDA	CPSM	4	Yes	LIKE	No	Transaction restart facility	NO			25
RESTART Input/output valid values	YES, NO										
ROUTABLE	EYUDA	CPSM	4	Yes	LIKE	No	Dynamic routing status	NO			63
ROUTABLE Input/output valid values	YES, NO										
RSL	CHAR	CPSM	8	No	DIFF	No	Resource security value	0	0-24	E330P144S	44S
RSL Input/output valid values	PUBLIC										
RSLC	EYUDA	CPSM	4	No	LIKE	No	Resource security level check	NO		E330P143S	43S
RSLC Input/output valid values	YES, NO										
RUNAWAY	CHAR	CPSM	8	No	DIFF	No	Runaway timeout value	SYSTEM	0-2700000		40
RUNAWAY Input/output valid values	SYSTEM										

Table 939. TRANDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
SECURE	EYUDA	CPSM	4	No	LIKE	No	Operator sign-on required	YES		EALL	51
SECURE Input/output valid values	YES, NO										
SHUTDOWN	CVDAS	CPSM	4	Yes	LIKE	No	Shutdown run status	DISABLED			17
SHUTDOWN Input/output valid values	ENABLED, DISABLED										
SPURGE	EYUDA	CPSM	4	Yes	LIKE	No	System purgeable option	NO			26
SPURGE Input/output valid values	YES, NO										
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Enabled status	ENABLED			18
STATUS Input/output valid values	ENABLED, DISABLED										
STORAGECLEAR	EYUDA	CPSM	4	Yes	LIKE	No	Storage clearance status	NO			24
STORAGECLEAR Input/output valid values	YES, NO										
TASKDATAKEY	CVDAS	CPSM	4	Yes	LIKE	No	Task data key	USER			19
TASKDATAKEY Input/output valid values	USER, CICS										
TASKDATALOC	CVDAS	CPSM	4	Yes	LIKE	No	Task data location	BELOW			20
TASKDATALOC Input/output valid values	BELOW, ANY										
TASKREQ	CHAR	CPSM	4	No	LIKE	No	Transaction initiation				21
TCLASS	CHAR	CPSM	4	No	DIFF	No	Transaction class number	NO	1-10	E410P	132S
TCLASS Input/output valid values	NO										
TPNAME	CHAR	CPSM	64	No	DIFF	No	APPC partner transaction name				46

Table 939. TRANDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
TPURGE	EYUDA	CPSM	4	Yes	LIKE	No	Purgeable for terminal error option	NO			27
TPURGE Input/output valid values	YES, NO										
TRACE	EYUDA	CPSM	4	Yes	LIKE	No	Trace transaction activity option	YES			29
TRACE Input/output valid values	YES, NO										
TRANCLASS	CHAR	CPSM	8	No	DIFF	No	Transaction class name	DFHTCL00			31
TRANSEC	CHAR	CPSM	4	No	DIFF	No	Transaction security value		1-64	E330PL48S	32
TRPROF	CHAR	CPSM	8	No	DIFF	No	Transaction routing profile	DFHCICSS			30
TWASIZE	CHAR	CPSM	8	No	DIFF	No	Size in bytes of transaction work area (TWA)	0	0-32767		33
USEALTSCRSIZ	EYUDA	CPSM	4	No	LIKE	No	Use alternate screen size	NO		EALL	52
USEALTSCRSIZ Input/output valid values	YES, NO										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				57
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				58
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				59
WAIT	EYUDA	CPSM	4	Yes	LIKE	No	In-doubt wait option	YES			28
WAIT Input/output valid values	YES, NO										



Table 939. TRANDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
WAITTIMEDD	CHAR	CPSM	3	No	DIFF	No	In-doubt wait time (days)	0	0-93		42
WAITTIMEHH	CHAR	CPSM	2	No	DIFF	No	In-doubt wait time (hours)	0	0-23		43
WAITTIMEMM	CHAR	CPSM	2	No	DIFF	No	In-doubt wait time (minutes)	0	0-59		44
XTPNAME	CHAR	CPSM	128	No	DIFF	No	Alternate partner transaction name (in hex)				47
XTRANID	CHAR	CPSM	8	No	DIFF	No	Alternate name (in hex) for initiating transaction				35

## TRANDUMP Resource Table

A CICS Resource that describes a transaction dump code in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is TRANDUMPCODE.

The following actions are supported:

**ADD** Add a transaction dump code.

The parameter data for the ADD action is:

```
PARM('CODE(code) [SCOPE(cvda1)] [MAX(nnn)]
      [SHUT(cvda2)] [SDUMP(cvda3)] [TDUMP(cvda4)].')
```

where:

- *code* is required and must be the 1- to 8-character transaction dump code.
- *cvda1* is one of the following valid CVDA values for the dump scope option:  
LOCAL  
RELATED
- *nnn* is the maximum number of dumps, from 0 - 999.
- *cvda2* is one of the following valid CVDA values for the shutdown option:  
SHUTDOWN  
NOSHUTDOWN
- *cvda3* is one of the following valid CVDA values for the system dump option:

SYSDUMP  
NOSYSDUMP

- *cvda4* is one of the following valid CVDA values for the transaction dump option:

TRANDUMP  
NOTRANDUMP

**DELETE**

Remove a transaction dump code.

**RESET**

Reset transaction dump code values.

**External resource name**

CICSTransactionDump

**Length**

64

**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**

EYUt0005

Table 940. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADD	CODE(value) MAX(value) SCOPE(LOCAL RELATED) SDUMP(SYSDUMP NOSYSDUMP) SHUT(SHUTDOWN NOSHUTDOWN) TDUMP(TRANDUMP NOTRANDUMP)	Yes Yes No No No
	RESET	None	N/A
	DELETE	None	N/A

Table 941. TRANDUMP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	ADD_FAILED	Add failed			

Table 942. TRANDUMP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	

Table 942. TRANDUMP 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	
CURRENT	BINARY	INQ	4	AVG	No	Number of dump calls since last reset	2
MAXIMUM	BINARY	INQ	4	AVG	Yes	Maximum number of dump calls	3
SDMPSUPP	BINARY	STAT	4	AVG	No	Number of system dumps suppressed	10
SDMPTOTL	BINARY	STAT	4	AVG	No	Number of system dumps taken	9
SHUTOPTION	CV DAS	INQ	4	LIKE	Yes	Shutdown option	4
SHUTOPTION Input/output valid values	SHUTDOWN, NOSHUTDOWN						
SYSDUMPING	CV DAS	INQ	4	LIKE	Yes	System dump option	5
SYSDUMPING Input/output valid values	SYSDUMP, NOSYSDUMP						
TDMPSUPP	BINARY	STAT	4	AVG	No	Number of transaction dumps suppressed	8
TDMPTOTL	BINARY	STAT	4	AVG	No	Number of transaction dumps taken	7
TDUMPSCOPE	CV DAS	INQ	4	LIKE	Yes	Transaction dump scope type	11
TDUMPSCOPE Input/output valid values	LOCAL, RELATED						
<b>TRANDUMPCODE-1</b>	CHAR	INQ	4	DIFF	Yes	Transaction dump code	1
TRANDUMPING	CV DAS	INQ	4	LIKE	Yes	Transaction dump option	6
TRANDUMPING Input/output valid values	TRANDUMP, NOTRANDUMP						

## TRANGRP Resource Table

A CPSM Workload Manager Definition that describes the separation and or affinity controls for a set of dynamic transactions. The TRANGRP object is also the binding target for the DTRINGRP associator object.

The **Primary** key field for this resource class is NAME.

**External resource name**

CICSTransactionGroup

**Length**

136

**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**  
EYUt3509

Table 943. 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	ADDTRAN	PCONV(N_A   START   END) TRANID(value)	No Yes

Table 944. TRANGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Trangrp does not exist	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	21	ABEND_COMBINATION	Abend load must be less than abend probability

Table 945. TRANGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ABENDCRIT	BINARY	CPSM	1	Yes	AVG	No	Acceptable level of abend probability	0	2-99	12
ABENDTHRESH	BINARY	CPSM	1	Yes	AVG	No	Acceptable abend load threshold	0	1-98	13
ABENDTHRESH Input/output valid values	0									
AFFAUTO	EYUDA	CPSM	4	No	LIKE	No	Automatic affinity creation	N_A		15
AFFAUTO Input/output valid values	YES, NO, N_A									
AFFINITY	EYUDA	CPSM	4	No	LIKE	No	Affinity relationship			6
AFFINITY Input/output valid values	N_A, GLOBAL, LUNAME, USERID, BAPPL									
AFFLIFE	EYUDA	CPSM	4	No	LIKE	No	Affinity lifetime			7
AFFLIFE Input/output valid values	N_A, LOGON, PCONV, PERMANENT, SIGNON, SYSTEM, DELIMIT, ACTIVITY, PROCESS									

Table 945. TRANGRP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			17
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			19
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			18
DESC	CHAR	CPSM	58	No	DIFF	No	Description			10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	16
EVENTNAME	CHAR	CPSM	8	No	DIFF	No	RTA event			11
MATCH	EYUDA	CPSM	4	Yes	LIKE	No	Primary search criterion			8
MATCH Input/output valid values	LUNAME, USERID									
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name			5
STATE	EYUDA	CPSM	4	Yes	LIKE	No	Transaction group status			9
STATE Input/output valid values	ACTIVE, DORMANT									

## TRMINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a terminal definition (TERMDEF) in a resource group (RESGROUP). A TERMDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is TERMGROUP.

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6157

Table 946. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 947. TRMINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 948. TRMINGRP 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
<b>TERMGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>TERMNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Terminal definition name	6
<b>TERMVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	Terminal definition version	7

## TRNCLDEF Resource Table

A CICS Definition that describes the operational characteristics for transactions belonging to a given class.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### ADDTOGRP

Add a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

The parameter data for the CSDCOPY action is described in “Managing CICS definitions in the CSD” on page 14.

### CSDINSTALL

Install a CICS CSD resource definition into an active system.

The parameter data for the CSDINSTALL action is described in “Managing CICS definitions in the CSD” on page 14.

### INSTALL

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

The parameter data for the INSTALL action is described in “Parameters for installing CICS definitions using BAS” on page 17.

### External resource name

CICSDefinitionTransactionClass

### Length

152

**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

CICS Definition

### Copybook identifier

EYUt3814

Table 949. Valid CPSM operations

Operations	Actions	Parameters	Required
------------	---------	------------	----------

Table 949. Valid CPSM operations (continued)

GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES NO)	No
		MODE(value)	No
		NOTIFY(NO INACTIVE REMOVE REPLACE FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET RELATED NONE 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 950. TRNCLDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify



Table 950. TRNCLDEF FEEDBACK error codes (continued)

41	INV_OVERTYPE	Invalid overtyp	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 951. TRNCLDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	16
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	18
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	17
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				10
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	20
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	87	0-99999999		15
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				14

Table 951. TRNCLDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
MAXACTIVE	CHAR	CPSM	4	Yes	DIFF	No	Maximum number of active transactions allowed in class		0-999		8
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
PURGETHRESH	CHAR	CPSM	8	No	DIFF	No	Purge threshold	NO	1-1000000		9
PURGETHRESH Input/output valid values	NO										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				11
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				12
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				13

## TRNINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a transaction definition (TRANDEF) in a resource group (RESGROUP). A TRANDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is TRANGROUP.

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6158

Table 952. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 953. TRNINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 954. TRNINGRP 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
<b>TRANGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>TRANNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Transaction definition name	6
<b>TRANVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	Transaction definition version	7

## TSKSPOLS Resource Table

A CICS Resource that describes all the CICS task storage subpools in an active system being managed by CICSplex SM.

The TSKSPOLS resource does not provide an explicit key attribute. The set of object instances returned is a function of the scope in effect when the request is made.

There are no object specific actions for this resource class.

### External resource name

CICSAllTaskSubpools

### Length

256

**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**

EYUt0147

Table 955. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 956. TSKSPOLS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
DSAELEMPCTC	PERCENT3	CPSM	4	AVG	CDSA percentage of DSA used by elements	39
DSAELEMPCTEC	PERCENT3	CPSM	4	AVG	ECDSA percentage of DSA used by elements	42
DSAELEMPCTEU	PERCENT3	CPSM	4	AVG	EUDSA percentage of DSA used by elements	52
DSAELEMPCTU	PERCENT3	CPSM	4	AVG	UDSA percentage of DSA used by elements	49
DSAPAGPPCTC	PERCENT3	CPSM	4	AVG	CDSA peak percentage of page pool use	41
DSAPAGPPCTEC	PERCENT3	CPSM	4	AVG	ECDSA peak percentage of page pool use	46
DSAPAGPPCTEU	PERCENT3	CPSM	4	AVG	EUDSA peak percentage of page pool use	56
DSAPAGPPCTU	PERCENT3	CPSM	4	AVG	UDSA peak percentage of page pool use	51
FREEMAINRTC	RATE3	CPSM	8	AVG	CDSA FREEMAIN rate since last reset	38
FREEMAINRTEC	RATE3	CPSM	8	AVG	ECDSA FREEMAIN rate since last reset	44
FREEMAINRTEU	RATE3	CPSM	8	AVG	EUDSA FREEMAIN rate since last reset	54
FREEMAINRTU	RATE3	CPSM	8	AVG	UDSA FREEMAIN rate since last reset	48
GETMAINRTC	RATE3	CPSM	8	AVG	CDSA GETMAIN rate since last reset	37
GETMAINRTEC	RATE3	CPSM	8	AVG	ECDSA GETMAIN rate since last reset	43
GETMAINRTEU	RATE3	CPSM	8	AVG	EUDSA GETMAIN rate since last reset	53
GETMAINRTU	RATE3	CPSM	8	AVG	UDSA GETMAIN rate since last reset	47
PAGEPLPCTC	PERCENT3	CPSM	4	AVG	CDSA current percentage of page pool use	40
PAGEPLPCTEC	PERCENT3	CPSM	4	AVG	ECDSA current percentage of page pool use	45
PAGEPLPCTEU	PERCENT3	CPSM	4	AVG	EUDSA current percentage of page pool use	55
PAGEPLPCTU	PERCENT3	CPSM	4	AVG	UCDSA current percentage of page pool use	50
SMTACCESSC	EYUDA	STAT	4	LIKE	CDSA subpool access type	6
SMTACCESSC Output valid values	CICS, USER					

Table 956. TSKSPOLS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
SMTACCESSEC	EYUDA	STAT	4	LIKE	ECDSA subpool access type	14
SMTACCESSEC Output valid values	CICS, USER					
SMTACCESSEU	EYUDA	STAT	4	LIKE	EUDSA subpool access type	30
SMTACCESSEU Output valid values	CICS, USER					
SMTACCESSU	EYUDA	STAT	4	LIKE	UDSA subpool access type	22
SMTACCESSU Output valid values	CICS, USER					
SMTCESCDSA	BINARY	STAT	4	AVG	CDSA sum of all element lengths	9
SMTCESECDSA	BINARY	STAT	4	AVG	ECDSA sum of all element lengths	17
SMTCESEUDSA	BINARY	STAT	4	AVG	EUDSA sum of all element lengths	33
SMTCESUDSA	BINARY	STAT	4	AVG	UDSA sum of all element lengths	25
SMTCNECDSA	BINARY	STAT	4	AVG	CDSA current number of elements	11
SMTCNEECDSA	BINARY	STAT	4	AVG	ECDSA current number of elements	19
SMTCNEEUDSA	BINARY	STAT	4	AVG	EUDSA current number of elements	35
SMTCNEUDSA	BINARY	STAT	4	AVG	UDSA current number of elements	27
SMTCPSCDSA	BINARY	STAT	4	AVG	CDSA current page storage	10
SMTCPSECDSA	BINARY	STAT	4	AVG	ECDSA current page storage	18
SMTCPSEUDSA	BINARY	STAT	4	AVG	EUDSA current page storage	34
SMTCPSUDSA	BINARY	STAT	4	AVG	UDSA current page storage	26
SMTFMREQCDSA	BINARY	STAT	4	AVG	CDSA number of FREEMAIN requests	8
SMTFMREQEC	BINARY	STAT	4	AVG	ECDSA number of FREEMAIN requests	16
SMTFMREQEU	BINARY	STAT	4	AVG	EUDSA number of FREEMAIN requests	32
SMTFMREQUDSA	BINARY	STAT	4	AVG	UDSA number of FREEMAIN requests	24
SMTGMREQCDSA	BINARY	STAT	4	AVG	CDSA number of GETMAIN requests	7
SMTGMREQEC	BINARY	STAT	4	AVG	ECDSA number of GETMAIN requests	15
SMTGMREQEU	BINARY	STAT	4	AVG	EUDSA number of GETMAIN requests	31
SMTGMREQUDSA	BINARY	STAT	4	AVG	UDSA number of GETMAIN requests	23
SMTHWMPSCDSA	BINARY	STAT	4	AVG	CDSA peak page storage	12
SMTHWMPSEC	BINARY	STAT	4	AVG	ECDSA peak page storage	20
SMTHWMPSEU	BINARY	STAT	4	AVG	EUDSA peak page storage	36
SMTHWMPSUDSA	BINARY	STAT	4	AVG	UDSA peak page storage	28
SMTLOCNCDSA	EYUDA	STAT	4	LIKE	CDSA location above/below 16MB line	5
SMTLOCNCDSA Output valid values	ABOVE, BELOW					
SMTLOCNECDSA	EYUDA	STAT	4	LIKE	ECDSA location above/below 16MB line	13
SMTLOCNECDSA Output valid values	ABOVE, BELOW					
SMTLOCNEUDSA	EYUDA	STAT	4	LIKE	EUDSA location above/below 16MB line	29
SMTLOCNEUDSA Output valid values	ABOVE, BELOW					

Table 956. TSKSPOLS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
SMTLOCNUDSA	EYUDA	STAT	4	LIKE	UDSA location above/below 16MB line	21
SMTLOCNUDSA Output valid values	ABOVE, BELOW					

## TSKSPool Resource Table

A CICS Resource that describes CICS task storage subpools in an active system being managed by CICSplex SM.

The **Primary** key field for this resource class is SMTDSANAME.

There are no object specific actions for this resource class.

**External resource name**  
CICSTaskSubpool

**Length**  
88

**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**  
EYUt0119

Table 957. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 958. TSKSPool resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
DSAELEMPCT	PERCENT3	CPSM	4	AVG	No	Percentage of DSA used by elements	17
DSAPAGPPCT	PERCENT3	CPSM	4	AVG	No	Peak percentage of DSA page use	19
FREEMAINRTE	RATE3	CPSM	8	AVG	No	FREEMAIN rate since last reset	16
GETMAINRTE	RATE3	CPSM	8	AVG	No	GETMAIN rate since last reset	15

Table 958. TSKSPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
PAGEPAGEPCT	PERCENT3	CPSM	4	AVG	No	Percentage of page pools used	18
SMTACCESS	EYUDA	STAT	4	LIKE	No	Subpool access type	7
SMTACCESS Output valid values	CICS, USER						
SMTCES	BINARY	STAT	4	AVG	No	Sum of all element lengths	10
SMTCNE	BINARY	STAT	4	AVG	No	Current number of elements	12
SMTCPSP	BINARY	STAT	4	AVG	No	Current page storage	11
<b>SMTDSANAME-1</b>	CHAR	STAT	8	DIFF	Yes	Name of dynamic storage area (DSA)	5
SMTFMREQ	BINARY	STAT	4	AVG	No	Number of FREEMAIN requests	9
SMTGMREQ	BINARY	STAT	4	AVG	No	Number of GETMAIN requests	8
SMTHWMPSP	BINARY	STAT	4	AVG	No	Peak page storage	13
SMTLOCN	EYUDA	STAT	4	LIKE	No	Location of task subpool above/below 16MB	6
SMTLOCN Output valid values	ABOVE, BELOW						

## TSMDEF Resource Table

A CICS Definition that describes a temporary storage model.

The **Primary** key field for this resource class is NAME.

The **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 a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

The parameter data for the CSDCOPY action is described in "Managing CICS definitions in the CSD" on page 14.

### CSDINSTALL

Install a CICS CSD resource definition into an active system.

The parameter data for the CSDINSTALL action is described in "Managing CICS definitions in the CSD" on page 14.

### INSTALL

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

The parameter data for the INSTALL action is described in "Parameters for installing CICS definitions using BAS" on page 17.

### External resource name

CICSDefinitionTSMModel

**Length**

264

**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**

CICS Definition

**Copybook identifier**

EYUt3821

Table 959. 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 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
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR DUPNOREPLACE DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 960. TSMDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version



Table 960. TSMDEF FEEDBACK error codes (continued)

11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid oertype	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 961. TSMDEF 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	24

Table 961. TSMDEF 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	26
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	25
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				16
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	28
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	87	0-99999999		23
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				20
LOCATION	CVDAS	CPSM	4	Yes	LIKE	No	Queue location	AUXILIARY			10
LOCATION Input/output valid values	MAIN, AUXILIARY										
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
POOLNAME	CHAR	CPSM	8	No	DIFF	No	Shared TS pool name				13
PREFIX	CHAR	CPSM	16	Yes	DIFF	No	TS queue prefix				9
RECOVERY	EYUDA	CPSM	4	Yes	LIKE	No	Recovery option	NO			11
RECOVERY Input/output valid values	YES, NO										
REMOTEPREFIX	CHAR	CPSM	16	No	DIFF	No	Remote TS queue prefix				15
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	No	Remote system ID				14
SECURITY	EYUDA	CPSM	4	Yes	LIKE	No	Security option	NO			12
SECURITY Input/output valid values	YES, NO										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				17

Table 961. TSMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				18
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				19
XPREFIX	CHAR	CPSM	32	No	DIFF	No	Hexadecimal TS queue prefix				21
XREMOTEPFX	CHAR	CPSM	32	No	DIFF	No	Hexadecimal remote TS queue prefix				22

## TSMINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a temporary storage model definition (TSMDEF) in a resource group (RESGROUP). A TSMDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is TSMGROUP.

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6166

Table 962. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 963. TSMINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 964. TSMINGRP 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
<b>TSMGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>TSMNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	TS model definition name	6
<b>TSMVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	TS model definition version	7

## TSMODEL Resource Table

A CICS Resource that describes a temporary storage model in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### DISCARD

Discard a temporary storage model.

The DISCARD action requires no unique parameter data.

### External resource name

CICSTSMdel

### Length

176

**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**

EYUt0092

Table 965. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 966. TSMODEL 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	20
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	11
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	13
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	14
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	12
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	15
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	16
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	19
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	18
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	17
LOCATION	CVDAS	INQ	4	LIKE	No	Queue location	AUXILIARY		3
LOCATION Output valid values	AUXILIARY, MAIN								
<b>NAME-1</b>	CHAR	INQ	8	DIFF	Yes	TS model name			1

Table 966. TSMODEL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
POOLNAME	CHAR	INQ	8	DIFF	No	Shared TS pool name			6
PREFIX	CHAR	INQ	16	DIFF	No	TS queue prefix			2
RECOVSTATUS	CVDAS	INQ	4	LIKE	No	Recovery status	NO		4
RECOVSTATUS Output valid values	RECOVERABLE, NOTRECOVERABLE								
REMOTEPREFIX	CHAR	INQ	16	DIFF	No	Remote TS queue prefix			8
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system ID			7
RSVRD1	CHAR	CPSM	30	DIFF	No	Reserved area			9
SECURITYST	CVDAS	INQ	4	LIKE	No	Security status	NO		5
SECURITYST Output valid values	EXTSECURITY, NOSECURITY								

## TSPool Resource Table

A CICS Resource that describes a temporary storage pool in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**  
CICSTSPool

**Length**  
32

**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**  
EYU0094

Table 967. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 968. TSPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CONNSTATUS	CVDAS	CPSM	4	LIKE	No	Connection status	2
CONNSTATUS Output valid values	CONNECTED, UNCONNECTED						
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Yes	Temporary storage pool name	1

## TSQGBL Resource Table

A CICS Resource that describes the general characteristics of temporary storage usage in an active CICS system being managed by CICSplex SM .

The TSQGBL resource class does not provide an explicit key attribute. The set of object instances returned is a function of the current scope in effect when the request is made.

There are no object specific actions for this resource class.

**External resource name**

CICSGlobalTSQueueStatistics

**Length**

176

**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**

EYUt0030

Table 969. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 970. TSQGBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name		

Table 970. TSQGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
AUXFULL	BINARY	STAT	4	AVG	Number of times auxiliary storage exhausted		15
BUFFERS	BINARY	STAT	2	AVG	Number of temporary storage buffers		16
BUFFWAITS	BINARY	STAT	4	AVG	Total number of buffer waits		18
BUFREADS	BINARY	STAT	4	AVG	Number of buffer reads		22
BUFWRITES	BINARY	STAT	4	AVG	Number of buffer writes		20
BYTESPERCI	BINARY	STAT	4	AVG	Number of bytes available in control interval		34
BYTESPERSEG	BINARY	STAT	4	AVG	Number of bytes per segment		36
CINUM	BINARY	STAT	4	AVG	Number of control intervals available		13
CISINUSE	BINARY	STAT	4	AVG	Number of control intervals in use		31
CISIZE	BINARY	STAT	4	AVG	Control interval size		11
COMPRESSIONS	BINARY	STAT	4	AVG	Number of temporary storage compressions		30
CURRSTG	BINARY	STAT	4	AVG	Current storage in use (bytes)		4
CURRUWBFR	BINARY	STAT	4	AVG	Number of current users waiting on buffers		27
CURRUWSTR	BINARY	STAT	4	AVG	Number of current users waiting on strings		26
ENTLGQUE	BINARY	STAT	4	AVG	Number of entries in longest queue		8
EXTTHRESHOLD	BINARY	STAT	2	AVG	Queue extension threshold	E510P	175
FMTWRT	BINARY	STAT	4	AVG	Number of format writes		23
GETQAUX	BINARY	STAT	4	AVG	Number of records obtained from auxiliary TS		6
GETQMAIN	BINARY	STAT	4	AVG	Number of records obtained from main TS		2
IOERS	BINARY	STAT	4	AVG	Number of I/O errors on data set		28
LONGAUXREC	BINARY	STAT	4	AVG	Longest auxiliary record length		33
NAMESINUSE	BINARY	STAT	4	AVG	Number of temporary storage names in use		32
PEAKCIUSE	BINARY	STAT	4	AVG	Peak number of control intervals used		14
PEAKQUES	BINARY	STAT	4	AVG	Peak number of queue names in use		7
PEAKSTG	BINARY	STAT	4	AVG	Peak storage in use (bytes)		3
PEAKUSDSTR	BINARY	STAT	4	AVG	Peak number of strings in use		24
PEAKUWBUF	BINARY	STAT	4	AVG	Peak number of users waiting on buffers		19
PEAKUWSTR	BINARY	STAT	4	AVG	Peak number of users waiting on strings		25
PUTQAUX	BINARY	STAT	4	AVG	Number of records written to auxiliary TS		5
PUTQMAIN	BINARY	STAT	4	AVG	Number of records written to main TS		1
QUECRECNT	BINARY	STAT	4	AVG	Number of times queues created		9
QUEXTENDS	BINARY	STAT	4	AVG	Number of times queue extensions created	E510P	105
SEGSPERCI	BINARY	STAT	4	AVG	Number of segments available in control interval		35
SHRDPOOLCONN	BINARY	STAT	4	AVG	Number of shared pools connected to		40
SHRDPOOLDEF	BINARY	STAT	4	AVG	Number of shared pools defined		39
SHRDREADREQ	BINARY	STAT	4	AVG	Number of shared read requests		41
SHRDWRITEREQ	BINARY	STAT	4	AVG	Number of shared write requests		42
STRINGS	BINARY	STAT	2	AVG	Number of temporary storage strings		17
STRINGWAIT	BINARY	STAT	4	AVG	Number of times string wait occurred		29
WRTFRECVR	BINARY	STAT	4	AVG	Number of buffer writes forced by recovery		21
WRTGTCISZ	BINARY	STAT	4	AVG	Number of records with length greater than CISIZE		12



## TSQNAME Resource Table

A CICS Resource that describes a temporary storage queue in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following action is supported:

### DELETE

Delete a temporary storage queue

The parameter data for the DELETE action is:

PARM('LASTUSEDINT(interval).')

where:

interval = (Optional) Last used interval.

### External resource name

CICSTSQueue

### Length

64

**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

EYUt0107

Table 971. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DELETE	LASTUSEDINT(value)	No

Table 972. TSQNAME resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
LASTUSEDINT	BINARY	INQ	4	AVG	No	Interval since queue last used (seconds)	8
LOCATION	CVDAS	INQ	4	LIKE	No	Queue location	2

Table 972. TSQNAME resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
LOCATION Output valid values	AUXILIARY, MAIN						
MAXITEMLEN	CNUMERIC	INQ	2	AVG	No	Largest item length (bytes)	4
MINITEMLEN	CNUMERIC	INQ	2	AVG	No	Smallest item length (bytes)	5
<b>NAME-1</b>	CHAR	INQ	16	DIFF	Yes	Queue name	1
NUMITEMS	BINARY	INQ	2	AVG	No	Number of items in queue	6
QUELENGTH	CNUMERIC	INQ	4	AVG	No	Total queue length (bytes)	3
RECOVSTATUS	CVDAS	INQ	4	LIKE	No	Recovery status	10
RECOVSTATUS Output valid values	RECOVERABLE, NOTRECOVERABLE						
TRANSID	CHAR	INQ	4	DIFF	No	Transaction that created TS queue	9

## TSQSHR Resource Table

A CICS Resource that describes a temporary storage queue in a pool in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### DELETE

Delete a temporary storage queue in pool.

The parameter data for the DELETE action is:

PARM('LASTUSEDINT(interval).')

where:

interval = (Optional) Last used interval.

### External resource name

CICSSharedTSQueue

### Length

72

**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**  
EYUt0100

Table 973. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DELETE	LASTUSEDINT(value)	No

Table 974. TSQSHR resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
LASTUSEDINT	BINARY	INQ	4	AVG	No	Interval since queue last used (seconds)	9
LOCATION	CV DAS	INQ	4	LIKE	No	Queue location	3
LOCATION Output valid values	AUXILIARY, MAIN						
MAXITEMLEN	BINARY	INQ	2	AVG	No	Largest item length (bytes)	5
MINITEMLEN	BINARY	INQ	2	AVG	No	Smallest item length (bytes)	6
<b>NAME-1</b>	CHAR	INQ	16	DIFF	Yes	Queue name	1
NUMITEMS	BINARY	INQ	2	AVG	No	Number of items in queue	7
<b>POOLNAME-2</b>	CHAR	INQ	8	DIFF	Yes	Temporary storage pool name	2
QUELENGTH	BINARY	INQ	4	AVG	No	Total queue length (bytes)	4
RECOVSTATUS	CV DAS	INQ	4	LIKE	No	Recovery status	11
RECOVSTATUS Output valid values	RECOVERABLE, NOTRECOVERABLE						
TRANSID	CHAR	INQ	4	DIFF	No	Transaction that created TS queue	10

## TSQUEUE Resource Table

A CICS Resource that describes a temporary storage queue in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The TSQUEUE resource class only returns objects instances if the target CICS system is running at CICS/ESA 3.3 or later.

The following actions are supported:

### DELETE

Delete a temporary storage queue in pool.

The parameter data for the DELETE action is:

PARM('LASTUSEDINT(interval).')

where:

interval = (Optional) Last used interval.

**External resource name**

CICSTSQueue

**Length**

56

**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**

EYUt0040

*Table 975. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DELETE	LASTUSEDINT(value)	No

*Table 976. TSQUEUE resource table attributes*

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
LASTUSEDINT	BINARY	INQ	4	AVG	No	Interval since queue last used (seconds)	8
LOCATION	CVDAS	INQ	4	LIKE	No	Queue location	2
LOCATION Output valid values	AUXILIARY, MAIN						
MAXITEMLEN	CNUMERIC	INQ	2	AVG	No	Largest queue item length (bytes)	4
MINITEMLEN	CNUMERIC	INQ	2	AVG	No	Smallest queue item length (bytes)	5
<b>NAME-1</b>	CHAR	INQ	8	DIFF	Yes	Queue name	1
NUMITEMS	BINARY	INQ	2	AVG	No	Number of items in queue	6
QUELENGTH	CNUMERIC	INQ	4	AVG	No	Queue length (bytes)	3
RECOVSTATUS	CVDAS	INQ	4	LIKE	No	Recovery status	10
RECOVSTATUS Output valid values	RECOVERABLE, NOTRECOVERABLE						
TRANSID	CHAR	INQ	4	DIFF	No	Transaction that created TS queue	9

## TYPINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a typeterm definition (TYPTMDEF) in a resource group (RESGROUP). A TYPTMDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is TYPTMGROUP.

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6161

Table 977. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 978. TYPINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 979. TYPINGGRP 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
<b>TYPTMGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>TYPTMNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Typeterm definition name	6
<b>TYPTMVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	Typeterm definition version	7

## TYPTMDEF Resource Table

A CICS Definition that describes a typeterm, which encompasses attributes that are common to a group of terminals.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### ADDTOGRP

Add a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

The parameter data for the CSDCOPY action is described in "Managing CICS definitions in the CSD" on page 14.

### CSDINSTALL

Install a CICS CSD resource definition into an active system.

The parameter data for the CSDINSTALL action is described in "Managing CICS definitions in the CSD" on page 14.

### INSTALL

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

The parameter data for the INSTALL action is described in "Parameters for installing CICS definitions using BAS" on page 17.

### External resource name

CICSDefinitionTypeterm

### Length

504

**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**  
 CICS Definition  
**Copybook identifier**  
 EYUt3816

Table 980. 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 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
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR   DUNNOREPLACE   DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 981. TYPTMDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found

Table 981. TYPTMDEF FEEDBACK error codes (continued)

21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELISTEND	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid overtype	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 982. TYPTMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ALTPAGECOL	CHAR	CPSM	4	No	DIFF	No	Alternate BMS page size (number of columns)	0	0-999		8



Table 982. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ALTPAGEROW	CHAR	CPSM	4	No	DIFF	No	Alternate BMS page size (number of rows)	0	0-999		9
ALTSCREENCOL	CHAR	CPSM	4	No	DIFF	No	Alternate screen size (number of columns)	0	0-999		10
ALTSCREENROW	CHAR	CPSM	4	No	DIFF	No	Alternate screen size (number of rows)	0	0-999		11
ALTSUFFIX	CHAR	CPSM	1	No	DIFF	No	Map set name suffix				82
APLKYBD	EYUDA	CPSM	4	Yes	LIKE	No	APL keyboard feature	NO			12
APLKYBD Input/output valid values	YES, NO										
APLTEXT	EYUDA	CPSM	4	Yes	LIKE	No	APL text feature	NO			13
APLTEXT Input/output valid values	YES, NO										
ASCII	CHAR	CPSM	4	No	DIFF	No	ASCII feature	NO	7-8		14
ASCII Input/output valid values	NO										
ASYNCBPS	CHAR	CPSM	8	No	DIFF	No	Asynchronous line speed (OS/2)			EALL	80
ASYNCBPS Input/output valid values	0, 110, 150, 300, 600, 1200, 1800, 2400, 3600, 4800, 9600, 19200										
ASYNCPRT3151	CHAR	CPSM	4	No	DIFF	No	3151 asynchronous port name (OS/2)			EALL	79
ATI	EYUDA	CPSM	4	Yes	LIKE	No	Automatic transaction initiation option	NO			15
ATI Input/output valid values	YES, NO										

Table 982. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
AUDIBLEALARM	EYUDA	CPSM	4	Yes	LIKE	No	Audible alarm feature	NO			16
AUDIBLEALARM Input/output valid values	YES, NO										
AUTOCONNECT	EYUDA	CPSM	4	Yes	LIKE	No	Autoconnect for terminal option	NO			17
AUTOCONNECT Input/output valid values	YES, NO, ALL										
AUTOPAGE	EYUDA	CPSM	4	Yes	LIKE	No	BMS autopaging option	NO			18
AUTOPAGE Input/output valid values	YES, NO										
BACKTRANS	EYUDA	CPSM	4	Yes	LIKE	No	Background transparency option	NO			19
BACKTRANS Input/output valid values	YES, NO										
BRACKET	EYUDA	CPSM	4	Yes	LIKE	No	Bracket protocol enforced	YES			20
BRACKET Input/output valid values	YES, NO										
BUILDCHAIN	EYUDA	CPSM	4	Yes	LIKE	No	CICS chain assembly performed	NO			21
BUILDCHAIN Input/output valid values	YES, NO										
CGCSGIDCODE	CHAR	CPSM	8	No	DIFF	No	Graphic character set global code	0	0-65535		22
CGCSGIDGLID	CHAR	CPSM	8	No	DIFF	No	Graphic character set global ID	0	0-65535		23
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	92
CHANGEAGENT Input/output valid values	DREPAPI										

Table 982. TYPTMDEF 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	94
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	93
CODEPAGE	CHAR	CPSM	8	No	DIFF	No	Code page value		0-65534	EALL	78
COLOR	EYUDA	CPSM	4	Yes	LIKE	No	Extended color feature	NO			24
COLOR Input/output valid values	YES, NO										
COPY	EYUDA	CPSM	4	Yes	LIKE	No	Copy feature	NO			25
COPY Input/output valid values	YES, NO										
CREATESESS	EYUDA	CPSM	4	Yes	LIKE	No	Sessions to be created	NO			26
CREATESESS Input/output valid values	YES, NO										
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				84
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	96
DEFSCREENCOL	CHAR	CPSM	4	No	DIFF	No	Default screen size (number of columns)	0	0-999		27
DEFSCREENROW	CHAR	CPSM	4	No	DIFF	No	Default screen size (number of rows)	0	0-999		28
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	0-99999999		91
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				88
DEVICE	CHAR	CPSM	8	Yes	DIFF	No	Device type				29
DISCREQ	EYUDA	CPSM	4	Yes	LIKE	No	Disconnect requests honored	YES			30

Table 982. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
DISCREQ Input/output valid values	YES, NO										
DUALCASEKYBD	EYUDA	CPSM	4	Yes	LIKE	No	Dual case keyboard supported	NO			31
DUALCASEKYBD Input/output valid values	YES, NO										
ERRCOLOR	EYUDA	CPSM	4	Yes	LIKE	No	Color of error messages	NO			32
ERRCOLOR Input/output valid values	NO, BLUE, RED, PINK, GREEN, TURQUOISE, YELLOW, NEUTRAL										
ERRHILIGHT	EYUDA	CPSM	4	Yes	LIKE	No	Error messages highlighted	NO			33
ERRHILIGHT Input/output valid values	BLINK, REVERSE, UNDERLINE, NO										
ERRINTENSIFY	EYUDA	CPSM	4	Yes	LIKE	No	Error message display intensified	NO			34
ERRINTENSIFY Input/output valid values	YES, NO										
ERRLASTLINE	EYUDA	CPSM	4	Yes	LIKE	No	Display error messages on last line	NO			35
ERRLASTLINE Input/output valid values	YES, NO										
EXTENDEDDES	EYUDA	CPSM	4	Yes	LIKE	No	Extended 3270 data stream	NO			36
EXTENDEDDES Input/output valid values	YES, NO										
FMHPARM	EYUDA	CPSM	4	Yes	LIKE	No	Accept user-supplied data in function management header (FMH)	NO			37
FMHPARM Input/output valid values	YES, NO										
FORMFEED	EYUDA	CPSM	4	Yes	LIKE	No	Formfeed feature	NO			38

Table 982. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
FORMFEED Input/output valid values	YES, NO										
FULLSCREEN	EYUDA	CPSM	4	Yes	LIKE	No	Full screen option (OS/2)	YES		EALL	77
FULLSCREEN Input/output valid values	YES, NO										
HIGHLIGHT	EYUDA	CPSM	4	Yes	LIKE	No	Extended highlight supported	NO			39
HIGHLIGHT Input/output valid values	YES, NO										
HORIZFORM	EYUDA	CPSM	4	Yes	LIKE	No	BMS is to use horizontal tabbing	NO			40
HORIZFORM Input/output valid values	YES, NO										
IOAREALEN	CHAR	CPSM	8	No	DIFF	No	I/O buffer length	0	0-32767		41
IOAREALENALT	CHAR	CPSM	8	No	DIFF	No	Alternate I/O buffer length	0	0-32767		42
KATAKANA	EYUDA	CPSM	4	Yes	LIKE	No	Katakana feature	NO			43
KATAKANA Input/output valid values	YES, NO										
LDCLIST	CHAR	CPSM	8	No	DIFF	No	Name of logical device code list				44
LIGHTPEN	EYUDA	CPSM	4	Yes	LIKE	No	Selector pen feature	NO			45
LIGHTPEN Input/output valid values	YES, NO										
LOGMODE	CHAR	CPSM	8	No	DIFF	No	Logmode name				46
LOGONMSG	EYUDA	CPSM	4	Yes	LIKE	No	Good Morning transaction autoinitiation	NO			47
LOGONMSG Input/output valid values	YES, NO										

Table 982. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
MSRCONTROL	EYUDA	CPSM	4	Yes	LIKE	No	Magnetic slot reader supported	NO			48
MSRCONTROL Input/output valid values	YES, NO										
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
NEPCLASS	CHAR	CPSM	4	No	DIFF	No	Node error program transaction class	0	0-255		49
OBFORMAT	EYUDA	CPSM	4	Yes	LIKE	No	Outboard formatting to be used	NO			50
OBFORMAT Input/output valid values	YES, NO										
OBOPERID	EYUDA	CPSM	4	Yes	LIKE	No	Outboard operator ID BMS routing	NO			51
OBOPERID Input/output valid values	YES, NO										
OUTLINE	EYUDA	CPSM	4	Yes	LIKE	No	Device supports field outline	NO			52
OUTLINE Input/output valid values	YES, NO										
PAGESIZECOL	CHAR	CPSM	4	No	DIFF	No	Page size (number of columns)	0	0-999		53
PAGESIZEROW	CHAR	CPSM	4	No	DIFF	No	Page size (number of rows)	0	0-999		54
PARTITIONS	EYUDA	CPSM	4	Yes	LIKE	No	Device uses partitions	YES			55
PARTITIONS Input/output valid values	YES, NO										
PRINTADAPTER	EYUDA	CPSM	4	Yes	LIKE	No	Printer adapter feature	NO			56
PRINTADAPTER Input/output valid values	YES, NO										

Table 982. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
PROGSYMBOLS	EYUDA	CPSM	4	Yes	LIKE	No	Programmed symbols can be used	NO			57
PROGSYMBOLS Input/output valid values	YES, NO										
QUERY	EYUDA	CPSM	4	Yes	LIKE	No	Query structured field to be used	NO			58
QUERY Input/output valid values	NO, COLD, ALL										
RECEIVESIZE	CHAR	CPSM	8	No	DIFF	No	Maximum size of request unit	256	0-30720		59
RECOVNOTIFY	EYUDA	CPSM	4	Yes	LIKE	No	XRF recovery notification option	NONE			60
RECOVNOTIFY Input/output valid values	NONE, MESSAGE, TRANSACTION										
RECOVOPTION	EYUDA	CPSM	4	Yes	LIKE	No	Session recovery option	SYSDEFAULT			61
RECOVOPTION Input/output valid values	SYSDEFAULT, CLEARCONV, RELEASESESS, UNCONDREL, NONE										
RELREQ	EYUDA	CPSM	4	Yes	LIKE	No	Honor release requests	NO			62
RELREQ Input/output valid values	YES, NO										
ROUTEDMSGS	EYUDA	CPSM	4	Yes	LIKE	No	Messages routed to terminal support				63
ROUTEDMSGS Input/output valid values	ALL, NONE, SPECIFIC										
RSTSIGNOFF	EYUDA	CPSM	4	Yes	LIKE	No	Sign-on characteristics	NOFORCE			90
RSTSIGNOFF Input/output valid values	NOFORCE, FORCE										
SENDSIZE	CHAR	CPSM	8	No	DIFF	No	Maximum send size	0	0-30720		64
SESSIONTYPE	CHAR	CPSM	8	No	DIFF	No	Type of session				65

Table 982. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
SHIPPABLE	EYUDA	CPSM	4	Yes	LIKE	No	Definition shipped to a remote system	NO			66
SHIPPABLE Input/output valid values	NO, YES										
SIGNOFF	EYUDA	CPSM	4	Yes	LIKE	No	Automatic timeout	YES			67
SIGNOFF Input/output valid values	YES, NO, LOGOFF										
SOSI	EYUDA	CPSM	4	Yes	LIKE	No	Mixed EBCDIC/ supported	NO DBCS			68
SOSI Input/output valid values	YES, NO										
TERMMODEL	CHAR	CPSM	4	No	DIFF	No	Terminal model number	1	1-2		83
TEXTKYBD	EYUDA	CPSM	4	Yes	LIKE	No	Text-keyboard feature	NO			69
TEXTKYBD Input/output valid values	YES, NO										
TEXTPRINT	EYUDA	CPSM	4	Yes	LIKE	No	Text-print feature	NO			70
TEXTPRINT Input/output valid values	YES, NO										
TTI	EYUDA	CPSM	4	Yes	LIKE	No	Transaction started via user	YES			71
TTI Input/output valid values	YES, NO										
UCTRAN	EYUDA	CPSM	4	Yes	LIKE	No	Input translated to upper case	NO			72
UCTRAN Input/output valid values	YES, NO, TRANID										
USERAREALEN	CHAR	CPSM	4	No	DIFF	No	User area length	0	0-255		76
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				85
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				86



Table 982. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				87
VALIDATION	EYUDA	CPSM	4	Yes	LIKE	No	Device supports extended validation	NO			73
VALIDATION Input/output valid values	YES, NO										
VERTICALFORM	EYUDA	CPSM	4	Yes	LIKE	No	BMS to use vertical tabbing	NO			74
VERTICALFORM Input/output valid values	YES, NO										
WRKSTATIONSU	CHAR	CPSM	8	No	DIFF	No	Workstation setup (OS/2)			EALL	81
XRFSIGNOFF	EYUDA	CPSM	4	No	LIKE	No	Replaced by RSTSIGNOFF. XRFSIGNOFF can be used in compatibility mode	NOFORCE		E620P	175
XRFSIGNOFF Input/output valid values	NOFORCE, FORCE										

## UOWDSNF Resource Table

A CICS Resource that describes a shunted unit of work due to a failed data set in an active system running the CICS TS for OS/390 and being managed by CICSplex SM.

The **Primary** key field for this resource class is UOWID.

There are no object specific actions for this resource class.

### External resource name

CICSUOWShuntedAndHoldingLocks

### Length

104

**Usage** API 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**

EYUt0084

Table 983. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 984. UOWDSNF resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CAUSE	CV DAS	INQ	4	LIKE	No	Failed component which caused this failure	3
CAUSE Output valid values	CACHE, RLSSERVER, CONNECTION, DATASET, UNDEFINED						
<b>DSNAME-2</b>	CHAR	INQ	44	DIFF	Yes	Data set name with retained locks	2
NETNAME	CHAR	INQ	8	DIFF	No	Netname of remote system where connection lost	7
REASON	CV DAS	INQ	4	LIKE	No	Specific reason for error	6
REASON Output valid values	RLSGONE, COMMITFAIL, IOERROR, FAILEDBKOUT, DATASETFULL, DEADLOCK, INDEXRECFULL, OPENERORR, DELEXITERROR, BACKUPNONBWO, NOTAPPLIC, LCKSTRUCFULL, INDOUBT, RRINDOUBT, RRCOMMITFAIL						
RLSACCESS	CV DAS	INQ	4	LIKE	No	Mode in which data set last opened	4
RLSACCESS Output valid values	RLS, NOTRLS						
SYSID	CHAR	INQ	4	DIFF	No	Name of remote system where connection lost	5
<b>UOWID-1</b>	HEX	INQ	16	MIN	Yes	Unit of work (UOW) ID	1

## UOWENQ Resource Table

A CICS Resource that describes an enqueue held by a unit of work in an active system running the CICS TS for OS/390 and being managed by CICSplex SM.

The **Primary** key field for this resource class is UOWID.

There are no object specific actions for this resource class.

**External resource name**

CICSUOWEnqueue

**Length**

608

**Usage** API 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**  
 EYUt0080

Table 985. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 986. UOWENQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ENQFAILS	BINARY	INQ	4	AVG	No	Number of enqueue failures since last acquire	7
ENQSCOPE	CHAR	INQ	4	DIFF	No	ENQ scope name	13
NETUOWID	HEX	INQ	27	MIN	No	Network-wide LU6.2 unit of work (UOW) id	12
QUALIFIER	CHAR	INQ	255	DIFF	No	Resource name qualifier	11
QUALLEN	BINARY	INQ	2	AVG	No	Length of resource qualifier (bytes)	8
RELATION	CVDAS	INQ	4	LIKE	No	Owner or task waiting	6
RELATION Output valid values	OWNER, WAITER						
RESLEN	BINARY	INQ	2	AVG	No	Length of resource name (bytes)	9
<b>RESOURCE-2</b>	CHAR	INQ	255	DIFF	Yes	Resource name	10
STATE	CVDAS	INQ	4	LIKE	No	Enqueue type	4
STATE Output valid values	ACTIVE, RETAINED						
TASKID	DECIMAL	INQ	4	AVG	No	Task number associated with UOW	3
TRANSID	CHAR	INQ	4	DIFF	No	Transaction ID associated with UOW	2
TYPE	CVDAS	INQ	4	LIKE	No	Resource type	5
TYPE Output valid values	DATASET, EXECENQ, EXECENQADDR, FILE, TDQUEUE, TSQUEUE						
<b>UOWID-1</b>	HEX	INQ	16	MIN	Yes	Unit of work (UOW) ID	1

## UOWLINK Resource Table

A CICS Resource that describes a connection used by a unit of work in an active system running the CICS TS for OS/390 and being managed by CICSplex SM.

The **Primary** key field for this resource class is LINKNAME.

The following actions are supported:

### DELETE

Delete the UOW link.

The DELETE action requires no unique parameter data.

### External resource name

CICSUOWLink

### Length

456

**Usage** API 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

EYUt0081

Table 987. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DELETE	None	N/A

Table 988. UOWLINK resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
HOST	CHAR	INQ	255	DIFF	No	TCP/IP host address		12
<b>LINK-1</b>	HEX	INQ	4	MIN	Yes	Link token		1
LINKNAME	CHAR	INQ	8	DIFF	No	Netname of remote system or global user exit name		3
NETUOWID	HEX	INQ	27	MIN	No	Network-wide LU 6.2 name of UOW		10
PROTOCOL	CVDAS	INQ	4	LIKE	No	Link protocol		9

Table 988. UOWLINK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
PROTOCOL Output valid values	APPC, IRC, LU61, RRMS, IPIC, IIOP, NOTAPPLIC							
RESYNCSTATUS	CVDAS	INQ	4	LIKE	No	Resynchronization status		8
RESYNCSTATUS Output valid values	COLD, OK, STARTING, UNAVAILABLE, UNCONNECTED, NOTAPPLIC							
RMIQFY	CHAR	INQ	8	DIFF	No	Entry qualifier of task related user exit		6
ROLE	CVDAS	INQ	4	LIKE	No	Role of connection		7
ROLE Output valid values	COORDINATOR, SUBORDINATE, UNKNOWN							
RRMSURID	CHAR	CMF	32	DIFF	No	RRMS Unit of recoverable work ID		11
SYSID	CHAR	INQ	4	DIFF	No	Name of remote system		5
TYPE	CVDAS	INQ	4	LIKE	No	Resource type		4
TYPE Output valid values	CONNECTION, RMI, IIOP, CFTABLE, IPCONN							
UOWID	HEX	INQ	16	MIN	No	Unit of work (UOW) ID		2
XID	HEX	INQ	64	DIFF	No	Global transaction identifier	E640	13

## UOW Resource Table

A CICS Resource that describes a unit of work in an active system running the CICS TS for OS/390 and being managed by CICSplex SM.

The **Primary** key field for this resource class is UOWID.

The following actions are supported for units of work that are shunted indoubt:

### BACKOUT

Perform syncpoint backout processing.

### COMMIT

Perform syncpoint commit processing.

### FORCE

Force UOW to backout or commit.

These actions require no unique parameter data.

### External resource name

CICSUOW

### Length

248

**Usage** API 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**

EYUt0079

Table 989. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	FORCE	None	N/A
	BACKOUT	None	N/A
	COMMIT	None	N/A

Table 990. UOW resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
AGE	BINARY	INQ	4	AVG	No	Time in current wait state (seconds)	5
LINK	CHAR	INQ	8	DIFF	No	Netname of remote system that caused wait	12
NETNAME	CHAR	INQ	8	DIFF	No	Netname of link causing UOW wait/shunt	6
NETUOWID	HEX	INQ	27	MIN	No	LU 6.2 network-wide name for UOW	13
OTSTID	CHAR	INQ	128	DIFF	No	Object transaction service (OTS) transaction ID	14
SYSID	CHAR	INQ	4	DIFF	No	System ID of connection that caused wait	7
TASKID	DECIMAL	INQ	4	AVG	No	Task originally associated with UOW	10
TERMID	CHAR	INQ	4	DIFF	No	Terminal from which this UOW was started	8
TRANSID	CHAR	INQ	4	DIFF	No	Transaction that started UOW	9
<b>UOWID-1</b>	HEX	INQ	16	MIN	Yes	Local unit of work (UOW) ID	1
UOWSTATE	CVDAS	INQ	4	LIKE	Yes	UOW status	2
UOWSTATE Input/output valid values	BACKOUT, COMMIT, FORCE						
UOWSTATE Output valid values	INDOUBT, INFLIGHT, HEURCOMMIT, HEURBACKOUT, FORCE						
USERID	CHAR	INQ	8	DIFF	No	User that started transaction	11
WAITCAUSE	CVDAS	INQ	4	LIKE	No	Cause of wait	4
WAITCAUSE Output valid values	CONNECTION, DATASET, WAITCOMMIT, WAITFORGET, RLSSERVER, WAITRMI, WAITRRMS						
WAITSTATE	CVDAS	INQ	4	LIKE	No	Wait status	3
WAITSTATE Output valid values	ACTIVE, SHUNTED, WAITING						

## URIINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a universal resource identifier map definition (URIMPDEF) in a resource group (RESGROUP). A URIMPDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is URIGROUP.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6178

Table 991. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 992. URIINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 993. URIINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8

Table 993. URIINGRP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
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
<b>URIGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>URINAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	URIMAP definition name	6
<b>URIVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	URIMAP definition version	7

## URIMAP Resource Table

A CICS resource that describes the universal resource identifier (URI) of requests from web clients or requests to a remote server.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### ENABLE

Enable access to the URIMAP definition by programs.

### DISABLE

Disable program access to the URIMAP definition. A URIMAP definition has to be disabled before it can be reinstalled or discarded.

### DISCARD

Remove a URIMAP definition from the system.

### External resource name

CICSURIMap

### Length

1384

**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

EYUt0162



Table 994. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A
	DISCARD	None	N/A

Table 995. URIMAP 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			
ANALYZERSTAT	CVDAS	INQ	4	LIKE	No	Use an analyzer program to process HTTP request			13
ANALYZERSTAT Output valid values	ANALYZER, NOANALYZER								
ATOMSERVICE	CHAR	CPSM	8	DIFF	Yes	Atomservice that will process the request.		E640 E650	44
AUTHENTICATE	CVDAS	INQ	4	LIKE	No	Authentication level		E640 E650	46
AUTHENTICATE Output valid values	BASICAUTH, NOAUTHENTIC								
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	39
CERTIFICATE	CHAR	INQ	32	DIFF	No	SSL client certificate for outbound HTTPS request			20
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	31
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, DYNAMIC, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	32
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	34
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	30
CHARACTERSET	CHAR	INQ	40	DIFF	No	Character set of CICS response to the HTTP request			8
CIPHERS	CHAR	INQ	56	DIFF	No	SSL cipher suite codes			21
CONVERTER	CHAR	INQ	8	DIFF	No	Converter program to process request content			14
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	35
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	36
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Status			2

Table 995. URIMAP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
ENABLESTATUS Input/output valid values	ENABLED, DISABLED								
ENABLESTATUS Output valid values	DISABLEDHOST								
HFSFILE	CHAR	INQ	255	DIFF	No	Qualified HFS file to form the static response			11
HOST	CHAR	INQ	116	DIFF	No	Host component of the URI			5
HOSTCODEPAGE	CHAR	INQ	10	DIFF	No	Code page in which the static response is encoded			9
HOSTTYPE	CV DAS	INQ	4	LIKE	No	The format of the host name or address		E640 E650	42
HOSTTYPE Output valid values	HOSTNAME, IPV4, IPV6, NOTAPPLIC								
INSTALLAGENT	CV DAS	INQ	4	LIKE	No	Installation agent		E640 E650	33
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, DYNAMIC, GRPLIST, BUNDLE								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	38
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	37
IPFAMILY	CV DAS	INQ	4	LIKE	No	The format of the resolved IP address		E640 E650	41
IPFAMILY Output valid values	IPV4, IPV6, UNKNOWN								
IPRESOLVED	CHAR	INQ	39	DIFF	No	The resolved IP address of this URIMAP		E640 E650	40
LOCATION	CHAR	INQ	255	DIFF	Yes	URI to which to redirect the inbound HTTP request			22
MAPREFCOUNT	BINARY	STAT	4	AVG	No	URI map reference count			24
MATCHDISABLD	BINARY	STAT	4	AVG	No	URI map host or path disabled			25
MATCHREDIREC	BINARY	STAT	4	AVG	No	URI map host or path redirect			26
MEDIATYPE	CHAR	INQ	56	DIFF	No	Media type of CICS response to the HTTP request			7
<b>NAME-1</b>	CHAR	INQ	8	DIFF	Yes	Name			1
NUMCIPHERS	BINARY	INQ	2	LIKE	No	Number of SSL cipher suite codes			27
PATH	CHAR	INQ	255	DIFF	No	Path component of URI to which the map applies			6
PIPELINE	CHAR	INQ	8	DIFF	No	Pipeline that will process the request			17
PORT	BINARY	INQ	4	DIFF	No	Port number for USAGE(CLIENT)		E640 E650	43

Table 995. URIMAP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
PROGRAM	CHAR	INQ	8	DIFF	No	Application program that will process the request			16
REDIRECTTYPE	CVDAS	INQ	4	LIKE	Yes	Type of redirection			29
REDIRECTTYPE Input/output valid values	NONE, TEMPORARY, PERMANENT								
SCHEME	CVDAS	INQ	4	LIKE	No	Scheme component of URI to which the map applies			4
SCHEME Output valid values	HTTP, HTTPS								
TCPIPSERVICE	CHAR	INQ	8	DIFF	No	Inbound TCP/IP service relating to this URI map			12
TEMPLATENAME	CHAR	INQ	48	DIFF	No	Document template to form the static response			10
TRANSACTION	CHAR	INQ	4	DIFF	No	Alias transaction to run application for response			15
USAGE	CVDAS	INQ	4	LIKE	No	URI map usage			3
USAGE Output valid values	SERVER, CLIENT, PIPELINE, ATOM								
USERID	CHAR	INQ	8	DIFF	No	User ID to attach the alias transaction			19
WEBSERVICE	CHAR	INQ	32	DIFF	No	Web service that will process the request			18

## URIMPDEF Resource Table

A CICS definition that describes the universal resource identifier (URI) of requests from web clients or requests to a remote server.

The **Primary** key field for this resource class is NAME.

The **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 a resource to the specified resource group.

### CSDCOPY

Copy a CICS CSD resource definition.

The parameter data for the CSDCOPY action is described in “Managing CICS definitions in the CSD” on page 14.

### CSDINSTALL

Install a CICS CSD resource definition into an active system.

The parameter data for the CSDINSTALL action is described in “Managing CICS definitions in the CSD” on page 14.

## INSTALL

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

The parameter data for the INSTALL action is described in “Parameters for installing CICS definitions using BAS” on page 17.

**Note:** When creating this resource you should consider specifying the HOST attribute in lower case as CICS will convert this attribute name to lower case at install time. If you have not used a lower case name, you may subsequently have difficulty finding your host.

### External resource name

CICSDefinitionURIMap

### Length

1384

**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

CICS Definition

### Copybook identifier

EYUt3833

Table 996. 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 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
	ADDTOGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR DUPNOREPLACE DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 997. URIMPDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELATED	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS retype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required

Table 997. URIMPDEF FEEDBACK error codes (continued)

63	CSD_ERROR	CSD error
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Table 998. URIMPDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ANALYZER	EYUDA	CPSM	4	No	LIKE	No	Use an analyzer program to process HTTP request	NO			26
ANALYZER Input/output valid values	NO, YES										
ATOMSERVICE	CHAR	CPSM	8	No	AVG	No	Atomservice that will process the request.			E640 E650	44
AUTHENTICATE	EYUDA	CPSM	4	Yes	LIKE	No	Authentication level	NO		E640 E650	45
AUTHENTICATE Input/output valid values	NO, BASIC										
CERTIFICATE	CHAR	CPSM	32	No	DIFF	No	SSL client certificate for outbound HTTPS request				33
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	39
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	41
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	40
CHARACTERSET	CHAR	CPSM	40	No	DIFF	No	Character set of CICS response to the HTTP request				21

Table 998. URIMPDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CIPHERS	CHAR	CPSM	56	No	DIFF	No	Cipher suite codes to be used for outbound SSL				34
CONVERTER	CHAR	CPSM	8	No	DIFF	No	Converter program to process request content				27
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				9
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	46
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	87	0-99999999		38
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				13
HFSFILE	CHAR	CPSM	255	No	DIFF	No	Qualified HFS file to form the static response				24
HOST	CHAR	CPSM	116	Yes	DIFF	No	Host component of URI to which the map applies				18
HOSTCODEPAGE	CHAR	CPSM	10	No	DIFF	No	Code page in which the static response is encoded				22
LOCATION	CHAR	CPSM	255	No	DIFF	No	URI to which to redirect the inbound HTTP request				35
MEDIATYPE	CHAR	CPSM	56	No	DIFF	No	Media type of CICS response to the HTTP request				20
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7

Table 998. URIMPDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
PATH	CHAR	CPSM	255	Yes	DIFF	No	Path component of URI to which the map applies				19
PIPELINE	CHAR	CPSM	8	No	DIFF	No	Pipeline that will process the request				30
PORT	CHAR	CPSM	8	No	DIFF	No	Port number		1-65535	E640 E650	43
PORT Input/output valid values	NO										
PROGRAM	CHAR	CPSM	8	No	DIFF	No	Application program that will process the request				29
REDIRECTTYPE	CVDAS	CPSM	4	Yes	LIKE	No	Type of redirection	NONE			37
REDIRECTTYPE Input/output valid values	NONE, TEMPORARY, PERMANENT										
SCHEME	CVDAS	CPSM	4	Yes	LIKE	No	Scheme component of URI to which the map applies	HTTP			17
SCHEME Input/output valid values	HTTP, HTTPS										
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Enabled status	ENABLED			15
STATUS Input/output valid values	ENABLED, DISABLED										
TCPIPSERVICE	CHAR	CPSM	8	No	DIFF	No	Inbound TCP/IP service relating to this URI map				25
TEMPLATENAME	CHAR	CPSM	48	No	DIFF	No	Document template to form the static response				23



Table 998. URIMPDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
TRANSACTION	CHAR	CPSM	4	No	DIFF	No	Alias transaction to run application for response				28
USAGE	CVDAS	CPSM	4	Yes	LIKE	No	URI map usage type	SERVER			16
USAGE Input/output valid values	SERVER, CLIENT, PIPELINE, ATOM										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				12
USERID	CHAR	CPSM	8	No	DIFF	No	The user ID to attach the alias transaction				32
WEBSERVICE	CHAR	CPSM	32	No	DIFF	No	Web service that will process the request				31

## URIMPGBL Resource Table

A CICS resource, with no key, that describes the global statistics returned by CICS extract statistics for the URIMAP resource.

**External resource name**

CICSGlobalURIMapStatistics

**Length**

64

**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

EYUt0166

Table 999. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 1000. URIMPGBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
DYNAMCONTENT	BINARY	STAT	4	SUM	URI map dynamic content	8
HOSTDISABLED	BINARY	STAT	4	SUM	Host disabled count	13
MAPREFCOUNT	BINARY	STAT	4	SUM	URI map reference count	1
MATCHANALYZE	BINARY	STAT	4	SUM	URI map host or path match analyzer	6
MATCHCOUNT	BINARY	STAT	4	SUM	URI map host or path match count	4
MATCHDISABLD	BINARY	STAT	4	SUM	URI map host or path disabled	2
MATCHREDIREC	BINARY	STAT	4	SUM	URI map host or path redirect	5
NOMATCHCOUNT	BINARY	STAT	4	SUM	URI map host or path no match count	3
PIPELINEREQS	BINARY	STAT	4	SUM	URI map pipeline requests	10
SCHEMEHTTP	BINARY	STAT	4	SUM	URI map SCHEME(HTTP) requests	11
SCHEMEHTTPS	BINARY	STAT	4	SUM	URI map SCHEME(HTTPS) requests	12
STATICCONTENT	BINARY	STAT	4	SUM	URI map static content	7

## VOLUME Resource Table

A CICS Resource that describes a tape volume used by a tape journal in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is VOLUME.

The following actions are supported:

**ADD** Add a volume.

The parameter data for the ADD action is:

```
PARM('VOLSER(volser) JOURNAL(jrn1)
      [AVAILSTAT(cvda)].')
```

where:

volser = (Required) 6-character volume serial number

jrn1 = (Required) Journal number, from 1 - 99

cvda = Valid CVDA for the volume availability condition

**REMOVE**

Remove a volume.

**External resource name**

**Length**

64

**Usage** EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0016

*Table 1001. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADD	AVAILSTAT(NOWRITE   OK) JOURNAL(value) VOLSER(value)	No Yes Yes
REMOVE		None	N/A

*Table 1002. VOLUME resource table attributes*

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
AVAILSTATUS	CV DAS	INQ	4	LIKE	Yes	Availability status	6
AVAILSTATUS Input/output valid values	OK, NOWRITE						
AVAILSTATUS Output valid values	FINPUT, FOUTPUT, FOPEN, FCLOSE						
DATE	CHAR	INQ	5	DIFF	No	Date when earliest data written	8
EMPTYSTATUS	CV DAS	INQ	4	LIKE	No	Empty status	3
EMPTYSTATUS Output valid values	EMPTY, NOTEMPTY						
JOURNALNUM	BINARY	INQ	2	AVG	Yes	Journal number	2
LONGDATE	CHAR	INQ	7	DIFF	No	Date with 4-digit year	9
OPENSTATUS	CV DAS	INQ	4	LIKE	No	Open status	5
OPENSTATUS Output valid values	OPEN, CLOSED, OPENING						

Table 1002. VOLUME resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
PART	BINARY	INQ	4	AVG	No	Sequence number in volume series	4
TIME	CHAR	INQ	6	DIFF	No	Time when earliest data written	7
<b>VOLUME-1</b>	CHAR	INQ	6	DIFF	Yes	Volume serial number	1

## WEBINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a Web services definition (WEBSVDEF) in a resource group (RESGROUP). A WEBSVDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is WEBGROUP.

There are no object specific actions for this resource class.

**External resource name**

**Length**

56

**Usage** API or Batch Utility

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6180

Table 1003. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 1004. WEBINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available

Table 1004. WEBINGRP FEEDBACK error codes (continued)

12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 1005. WEBINGRP 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
<b>WEBGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
<b>WEBNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	WebService definition name	6
<b>WEBVER-3</b>	BINARY	CPSM	1	Yes	AVG	Yes	WebService definition version	7

## WEBSERV Resource Table

A CICS resource that defines aspects of the run-time environment for a CICS application program deployed in a Web services setting, where the mapping between application data structure and SOAP messages has been generated using CICS-supplied tools.

The **Primary** key field for this resource class is NAME.

**External resource name**  
CICSWebService

**Length**  
1504

**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**  
EYUt0165

Table 1006. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 1007. WEBSERV resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	37
BINDING	CHAR	INQ	255	DIFF	No	The WSDL binding that this web service represents			10
CCSID	BINARY	INQ	4	LIKE	No	Coded character set ID		E640	17
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	29
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, DYNAMIC, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	30
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	32
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	27
CONTAINER	CHAR	INQ	16	DIFF	No	Container used if the program input is CHANNEL			13
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	33
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	34
ENDPOINT	CHAR	INQ	255	DIFF	No	The endpoint URI of a remote web service			9
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	31
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, DYNAMIC, GRPLIST, BUNDLE								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	36
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	35
LASTMODTIME	DATETIME	INQ	8	MAX	No	Time the WSBind file on HFS was last updated			14
MAPPINGLEVEL	CHAR	INQ	8	DIFF	No	Mapping level used in WSBind file		E640	18
MAPPINGRNUM	BINARY	INQ	4	LIKE	No	Mapping release number part of MAPLEVEL		E640	20

Table 1007. WEBSERV resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
MAPPINGVNUM	BINARY	INQ	4	LIKE	No	Mapping version number part of MAPLEVEL		E640	19
MINRUNLEVEL	CHAR	INQ	8	DIFF	No	Minimum runtime level required by WSBIND file		E640	21
MINRUNRNUM	BINARY	INQ	4	LIKE	No	Minimum runtime release number part of MINRUNLVL		E640	23
MINRUNVNUM	BINARY	INQ	4	LIKE	No	Minimum runtime version number part of MINRUNLVL		E640	22
<b>NAME-1</b>	CHAR	INQ	32	DIFF	Yes	Name			1
PGMINTERFACE	CV DAS	INQ	4	LIKE	No	Where the specified program expects input			12
PGMINTERFACE Output valid values	CHANNEL, COMMAREA, NOTAPPLIC								
PIPELINE	CHAR	INQ	8	DIFF	No	Pipeline in which this web service is installed			5
POLICYDIR	CHAR	CPSM	255	DIFF	No	Reserved area		E640	26
PROGRAM	CHAR	INQ	8	DIFF	No	Application program to implement this web service			8
STATE	CV DAS	INQ	4	LIKE	No	Web service status			15
STATE Output valid values	INITING, DISCARDING, INSERVICE, UNUSABLE								
URIMAP	CHAR	INQ	8	DIFF	No	Dynamically installed URI map for this web service			7
VALIDATIONST	CV DAS	INQ	4	LIKE	Yes	Perform validation of SOAP messages against WSDL	NOVALIDATION		6
VALIDATIONST Input/output valid values	VALIDATION, NOVALIDATION								
WEBUSECOUNT	BINARY	STAT	4	SUM	No	Number of times web service used			16
WSBIND	CHAR	INQ	255	DIFF	No	Fully-qualified WSBIND file on HFS			2
WSDLFILE	CHAR	INQ	255	DIFF	No	Fully-qualified WSDL file on HFS			3
XOPDIRECTST	EYUDA	INQ	4	LIKE	No	Current Web service direct mode XOP status		E640	25
XOPDIRECTST Output valid values	SUPPORTED, NOTSUPPORTED								
XOPSUPPORTST	EYUDA	INQ	4	LIKE	No	Web service XOP capability		E640	24
XOPSUPPORTST Output valid values	SUPPORTED, NOTSUPPORTED								

---

## WEBSVDEF Resource Table

A CICS definition that describes aspects of the run-time environment for a CICS application program deployed in a Web services setting, where the mapping between application data structure and SOAP messages has been generated using CICS-supplied tools.

The **Primary** key field for this resource class is NAME.

The **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 a resource to the specified resource group.

### **CSDCOPY**

Copy a CICS CSD resource definition.

The parameter data for the CSDCOPY action is described in “Managing CICS definitions in the CSD” on page 14.

### **CSDINSTALL**

Install a CICS CSD resource definition into an active system.

The parameter data for the CSDINSTALL action is described in “Managing CICS definitions in the CSD” on page 14.

### **INSTALL**

Install a CICS BAS resource definition into an active CICS system or into a set of active CICS systems.

The parameter data for the INSTALL action is described in “Parameters for installing CICS definitions using BAS” on page 17.

### **External resource name**

CICSDefinitionWebService

### **Length**

920

**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**

CICS Definition

### **Copybook identifier**

EYUt3835



Table 1008. 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 SET	INSTALL	FORCEINS(YES   NO)	No
		MODE(value)	No
		NOTIFY(NO   INACTIVE   REMOVE   RELEASE   FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET   RELATED   NONE   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   DONTNOREPLACE   DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 1009. WEBSVDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Invalid name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check

Table 1009. WEBSVDEF FEEDBACK error codes (continued)

39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICTS	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD error			

Table 1010. WEBSVDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CV DAS	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
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	24
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	07	0-99999999		18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				13

Table 1010. WEBSVDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
PIPELINE	CHAR	CPSM	8	Yes	DIFF	No	Pipeline in which to install this web service				14
POLICYDIR	CHAR	CPSM	255	No	DIFF	No	Reserved area			E640	19
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				12
VALIDATION	EYUDA	CPSM	4	No	LIKE	No	Perform validation of SOAP messages against WSDL	NO			17
VALIDATION Input/output valid values	NO, YES										
WSBIND	CHAR	CPSM	255	Yes	DIFF	No	Fully-qualified WSBIND file on HFS				15
WSDLFILE	CHAR	CPSM	255	No	DIFF	No	Fully-qualified WSDL file on HFS				16

## WLMATAFF Resource Table

A CPSM Workload Manager object that describes an active affinity relationship for a dynamic transaction. An instance of this object exists for the duration of the affinity, which in many cases is a very short period of time.

This object is referenced within the scope of a workload. As such, the workload name must be explicitly identified in the API GET command PARM option by coding the following text string:

**APAR PQ30578**

Documentation for APAR PQ30578 addedd 18/04/2000

PARM('WORKLOAD(workload).')

where:

workload = (Required) The name of an active workload.

The key for this resource class is a composite element.

The following action is supported:

**FORCE**

Force an affinity to be broken.

This action is provided for use when system failures occur and manual recovery of a workload is required. It is not intended for general use and may cause damage if used in an inappropriate manner. CICSplex SM makes no checks before the forced removal of an affinity relation.

**External resource name**

CICSWLMActiveAffinity

**Length**

144

**Usage** API or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

Yes

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2487

Table 1011. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	Yes
PERFORM SET	FORCE	None	N/A

Table 1012. WLMATAFF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	AFFINITY_NOT_FOUND	Affinity not found	22	WORKLOAD_NOT_FOUND	Workload not found
23	TRANGRP_NOT_FOUND	Transaction group not found	24	NO_WORKLOAD	No workload
25	NO_TRANGRP	No transaction group	26	WORKLOAD_FROZEN	Workload frozen

Table 1013. WLMATAFF resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
AFFINITY	EYUDA	CPSM	4	LIKE	No	Affinity relationship	6

Table 1013. WLMATAFF resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
AFFINITY Output valid values	GLOBAL, LUNAME, USERID, BAPPL						
AOR	CHAR	CPSM	8	DIFF	No	Target region	13
CBTSKEY	HEX	CPSM	52	LIKE	No	BTS activity ID	16
LIFETIME	EYUDA	CPSM	4	LIKE	No	Affinity lifetime	7
LIFETIME Output valid values	LOGON, PCONV, PERMANENT, SIGNON, SYSTEM, DELIMIT, ACTIVITY, PROCESS						
<b>LUNAME-5</b>	CHAR	CPSM	17	DIFF	Yes	Terminal LU name	10
<b>RESERVD2-8</b>	CHAR	CPSM	11	DIFF	Yes	The activity ID of the CBTS activity	15
<b>TERMID-7</b>	CHAR	CPSM	8	DIFF	Yes	Routing region terminal	12
<b>TORNAME-6</b>	CHAR	CPSM	8	DIFF	Yes	Routing region	11
<b>TRANGRP-3</b>	CHAR	CPSM	8	DIFF	Yes	Transaction group	4
<b>USERID-4</b>	CHAR	CPSM	8	DIFF	Yes	User identifier	9
<b>WORKLOAD-1</b>	CHAR	CPSM	8	DIFF	Yes	Workload name	5
<b>WRKLOWNER-2</b>	CHAR	CPSM	4	DIFF	Yes	System ID of workload owner	14

## WLMATARG Resource Table

A CPSM Workload Manager object that describes a CICS system used as a target region for one or more active workloads.

This object is referenced by its target region name only - it has no referential affinities to any explicitly named workloads.

The following actions are supported:

### RESET

Force the dynamic routing statistics counters to be reset to zero.

This action requires no unique parameter data.

### External resource name

CICSWLMTarget

### Length

168

**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**  
EYUt2659

Table 1014. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	RESET	None	N/A

Table 1015. WLMATARG FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	NO_AOR	Target region not defined			

Table 1016. WLMATARG resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
<b>AOR-1</b>	CHAR	CPSM	8	DIFF	Yes	Target region name		4
BOTRSUPD	BINARY	CPSM	1	MAX	No	RS server bottom tier	10	34
CFUPDCNT	BINARY	CPSM	8	MAX	No	Coupling Facility update count		26
CON_STATUS	EYUDA	CPSM	4	LIKE	No	Target region contact status		6
CON_STATUS Output valid values	LOSTCON, N_A							
EVENTS	BINARY	CPSM	4	MAX	No	RTA event count for target region		10
HLTHDUMP	EYUDA	CPSM	4	LIKE	No	Region is dumping		22
HLTHDUMP Output valid values	NO, YES							
HLTHMAXT	EYUDA	CPSM	4	LIKE	No	Region is at MAXTASKS		23
HLTHMAXT Output valid values	NO, YES							
HLTHSOS	EYUDA	CPSM	4	LIKE	No	Short on storage		20
HLTHSOS Output valid values	NO, YES							
HLTHSTALL	EYUDA	CPSM	4	LIKE	No	Region has stalled		21
HLTHSTALL Output valid values	NO, YES							
MAXTASKS	BINARY	CPSM	4	MAX	No	Maximum task count for region		25
OWNINGCMAS	CHAR	CPSM	8	DIFF	Yes	Owning CMAS name		28
OWSTATE	EYUDA	CPSM	4	LIKE	No	Optimization status		7
OWSTATE Output valid values	ACTIVE, INACTIVE, N_A							
READRS	BINARY	CPSM	2	MAX	No	RS server read interval	200	30
ROUTEWGHT	BINARY	CPSM	4	MAX	No	WLM routing weight for region		8
ROUTINGLOAD	BINARY	CPSM	4	MAX	No	Routing Load		24
<b>RPTINGCMAS-2</b>	CHAR	CPSM	8	DIFF	Yes	Reporting CMAS name		36
RSPOOLID	CHAR	CPSM	8	DIFF	No	RS server pool name		27
RTABEND	BINARY	CPSM	8	SUM	No	Route abends		17
RTCOMPLETE	BINARY	CPSM	8	SUM	No	Route completes		19

Table 1016. WLMATARG resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
RTERROR	BINARY	CPSM	8	SUM	No	Route errors		14
RTINITIATE	BINARY	CPSM	8	SUM	No	Route initiates		18
RTNOTIFY	BINARY	CPSM	8	SUM	No	Route notifies		16
RTSELECT	BINARY	CPSM	8	SUM	No	Route selections		13
RTTERMINATE	BINARY	CPSM	8	SUM	No	Route terminates		15
STATUS	EYUDA	CPSM	4	LIKE	No	Target region status		5
STATUS Input/output valid values	ACTIVE, QUIESCE							
STATUS Output valid values	QUIESCING, QUIESCED							
TASKINC	BINARY	CPSM	2	MAX	No	Task count increment value		29
TASKLOAD	BINARY	CPSM	4	MAX	No	Task load percentage		12
TOPRSUPD	BINARY	CPSM	1	MAX	No	RS server top tier	5	33
UPDATERS	BINARY	CPSM	1	MAX	No	RS Server update frequency	15	31
WLMOPTEN	EYUDA	CPSM	4	LIKE	No	Optimization enablement state		35
WLMOPTEN Output valid values	ENABLED, DISABLED							
WLMQMODE	EYUDA	CPSM	4	LIKE	No	Task load queue mode	ALL	11
WLMQMODE Input/output valid values	ALL, MAXTASK							
WLMTHRSH	BINARY	CPSM	1	MAX	No	Task load health threshold	60	32
WRKLCNT	BINARY	CPSM	4	MAX	No	Workload count		9

## WLMATGRP Resource Table

A CPSM Workload Manager object that describes a transaction group installed in an active workload.

This object is referenced within the scope of a workload. As such, the workload name must be explicitly identified in the API GET command PARM option by coding the following text string:

### APAR PQ30578

Documentation for APAR PQ30578 added 18/04/2000

```
PARM('WORKLOAD(workload).')
```

where:

```
workload = (Required) The name of an active workload.
```

Other parameters can also be specified, but the workload name is required.

The key for this resource class is a composite element.

The following actions are supported:

**ACTIVE**

Activate the Transaction Group.

**DORMANT**

Make the Transaction Group dormant.

These actions require no unique parameter data.

A transaction group in the dormant state does not make affinity relation decisions about AOR target selection. It does, however, record static affinity relations. This allows a transaction group to be installed before activating dynamic transaction routing to record affinities based on the existing static routing configuration. When the transaction group is made active, it then has a valid representation of affinities created using static facilities.

**External resource name**

CICSWLMActiveTransactionGroup

**Length**

56

**Usage** API or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

Yes

**Object type**

CICSPlex SM Manager

**Copybook identifier**

EYUt2486

Table 1017. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	Yes
PERFORM SET	ACTIVE	WORKLOAD(value)	No
	DORMANT	WORKLOAD(value)	No

Table 1018. WLMATGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	NO_WORKLOAD	No workload	22	NO_TRANGRP	No transaction group
23	WORKLOAD_FROZEN	Workload frozen			

Table 1019. WLMATGRP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ABENDCRIT	BINARY	CPSM	1	AVG	No	Acceptable abend level	10
ABENDTHRESH	BINARY	CPSM	1	AVG	No	Acceptable target region load level	11
AFFAUTO	EYUDA	CPSM	4	LIKE	No	Automatic affinity creation	15



Table 1019. WLMATGRP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
AFFAUTO Input/output valid values	YES, NO, N_A						
AFFINITY	EYUDA	CPSM	4	LIKE	No	Affinity relationship	8
AFFINITY Input/output valid values	GLOBAL, LUNAME, USERID, NONE, N_A, BAPPL						
AFFLIFE	EYUDA	CPSM	4	LIKE	No	Affinity lifetime	9
AFFLIFE Input/output valid values	LOGON, PCONV, PERMANENT, SIGNON, SYSTEM, DELIMIT, NONE, N_A, ACTIVITY, PROCESS						
EVENTNAME	CHAR	CPSM	8	DIFF	No	Event name	12
FILTER	EYUDA	CPSM	4	LIKE	No	Primary search criterion	7
FILTER Input/output valid values	LUNAME, USERID						
STATUS	EYUDA	CPSM	4	LIKE	No	Transaction group status	6
STATUS Input/output valid values	ACTIVE, DORMANT						
<b>TRANGRP-3</b>	CHAR	CPSM	8	DIFF	Yes	Transaction group	4
<b>WORKLOAD-1</b>	CHAR	CPSM	8	DIFF	Yes	Workload	5
<b>WRKLOWNER-2</b>	CHAR	CPSM	4	DIFF	Yes	Workload owner	13

## WLMATRAN Resource Table

A CPSM Workload Manager object that describes a dynamic transaction defined explicitly to CICSplex SM. Dynamic transactions need only be defined if they have specific separation or affinity criteria.

This object is referenced within the scope of a workload. As such, the workload name must be explicitly identified in the API GET command PARM option by coding the following text string:

### APAR PQ30578

Documentation for APAR PQ30578 added 18/04/2000

```
PARM('WORKLOAD(workload).')
```

where:

```
workload = (Required) The name of an active workload.
```

Other parameters can also be specified, but the workload name is required.

The key for this resource class is a composite element.

The following action is supported:

### FORCE

Force removal of a transaction.

The FORCE action requires no unique parameter data.

**External resource name**

CICSWLMActiveTransaction

**Length**

32

**Usage** API or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

Yes

**Object type**

CICSPlex SM Manager

**Copybook identifier**

EYUt2488

Table 1020. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	Yes
PERFORM SET	FORCE	None	N/A

Table 1021. WLMATRAN FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	NO_WORKLOAD	No workload	22	NO_TRANSID	No transaction ID
23	WORKLOAD_FROZEN	Workload frozen	24	MAL_PENDING	MAL pending

Table 1022. WLMATRAN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
PSEUDOMODE	EYUDA	CPSM	4	LIKE	No	Start or end of pseudo-conversation	5
PSEUDOMODE Output valid values	START, END, N_A						
TRANGRP	CHAR	CPSM	8	DIFF	No	Transaction group	6
<b>TRANID-3</b>	CHAR	CPSM	8	DIFF	Yes	Transaction	4
<b>WORKLOAD-1</b>	CHAR	CPSM	8	DIFF	Yes	Workload name	7
<b>WRKLOWNER-2</b>	CHAR	CPSM	4	DIFF	Yes	System ID of workload owner	8

## WLMAWAOR Resource Table

A CPSM Workload Manager object that describes a CICS system used as an AOR in an active workload.

This object is referenced within the scope of a workload. As such, the workload name must be explicitly identified in the API GET command PARM option by coding the following text string:

```
PARM('WORKLOAD(workload).')
```

or

```
PARM('WORKLOAD(*)').')
```

You can specify a workload name of "\*" which will cause a WLMWAOR record to be returned for every workload that the target region is associated with. No other generic form of workload name can be specified - it must be an explicit workload name or "\*", where:

workload = (Required) The name of an active workload.

Other parameters can also be specified, but the workload name is required.

The key for this resource class is a composite element.

The following actions are supported:

**ACTIVATE**

Allow transactions to be routed to an AOR.

**QUIESCE**

Do not route new transactions to an AOR.

These actions require no unique parameter data.

When an AOR QUIESCE, is requested no new transactions are routed to the AOR. Existing tasks are not affected. Only transactions with an affinity to the AOR continue to be routed. When all affinities have been removed, the AOR no longer receives any new transactions.

**Note:** 2147483647 is a special value for *ROUTEWGHT* indicating that the target is quiesced.

**External resource name**

CICSWLMActiveAOR

**Length**

96

**Usage** API or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

Yes

**Object type**

CICSPlex SM Manager

**Copybook identifier**

EYUt2484

Table 1023. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		TRANNAME(value) WORKLOAD(value)	No No
PERFORM SET	ACTIVATE QUIESCE	None None	N/A N/A

Table 1024. WLMWAOR FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	NO_AOR	Target region not defined			

Table 1025. WLMWAOR resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
<b>AOR-3</b>	CHAR	CPSM	8	DIFF	Yes	Target region name		5
CFUPDCNT	BINARY	CPSM	8	AVG	No	Coupling Facility update count		24
CON_STATUS	EYUDA	CPSM	4	LIKE	No	Target region contact status		7
CON_STATUS Output valid values	LOSTCON, N_A							
EVENTS	EYUDA	CPSM	4	AVG	No	RTA event active		25
EVENTS Output valid values	NO, YES							
HLTHDUMP	EYUDA	CPSM	4	LIKE	No	Region is dumping		19
HLTHDUMP Output valid values	NO, YES							
HLTHMAXT	EYUDA	CPSM	4	LIKE	No	Region is at MAXTASKS		20
HLTHMAXT Output valid values	NO, YES							
HLTHSOS	EYUDA	CPSM	4	LIKE	No	Short on storage		17
HLTHSOS Output valid values	NO, YES							
HLTHSTALL	EYUDA	CPSM	4	LIKE	No	Region has stalled		18
HLTHSTALL Output valid values	NO, YES							
MAXTASKS	BINARY	CPSM	4	AVG	No	Maximum task count for region		22
OWSTATE	EYUDA	CPSM	4	LIKE	No	Optimization status		16
OWSTATE Output valid values	ACTIVE, INACTIVE, N_A							
READRS	BINARY	CPSM	2	AVG	No	RS server read interval	200	9
ROUTEWGHT	BINARY	CPSM	4	AVG	No	WLM routing weight for region		23
ROUTINGLOAD	BINARY	CPSM	4	AVG	No	Routing Load		21
RSPOOLID	CHAR	CPSM	8	DIFF	No	RS server pool name		26
STATUS	EYUDA	CPSM	4	LIKE	No	Target region status		6
STATUS Input/output valid values	ACTIVE, QUIESCE							

Table 1025. WLMAWAOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
STATUS Output valid values	QUIESCING, QUIESCED							
TASKINC	BINARY	CPSM	2	AVG	No	Task count increment value		13
TASKLOAD	BINARY	CPSM	4	AVG	No	Task load percentage		15
UPDATERS	BINARY	CPSM	1	AVG	No	RS Server update frequency	15	10
WLMQMODE	EYUDA	CPSM	4	DIFF	No	Task load queue mode	ALL	12
WLMQMODE Input/output valid values	ALL, MAXTASK							
WLMTHRSH	BINARY	CPSM	1	AVG	No	Task load health threshold	60	11
<b>WORKLOAD-1</b>	CHAR	CPSM	8	DIFF	Yes	Workload name		4
<b>WRKLOWNER-2</b>	CHAR	CPSM	4	DIFF	Yes	System ID of workload owner		8

## WLMWDEF Resource Table

A CPSM Workload Manager object that describes a workload definition installed in an active workload.

This object is referenced within the scope of a workload. As such, the workload name must be explicitly identified in the API GET command PARM option by coding the following text string:

### APAR PQ30578

Documentation for APAR PQ30578 added 18/04/2000

```
PARM('WORKLOAD(workload).')
```

where workload = (Required) The name of an active workload.

Other parameters can also be specified, but the workload name is required.

The key for this resource class is a composite element.

The following action is supported:

### DISCARD

Remove the installed definition.

The DISCARD action requires no unique parameter data.

### External resource name

CICSWLMActiveDefinition

### Length

128

**Usage** API or CICS Management Client Interface

### API view

No

### CMAS context

No

**SCOPE applies**

No

**Only query CMASs in workload**

Yes

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2489

Table 1026. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	Yes
PERFORM SET	DISCARD	None	N/A

Table 1027. WLMWDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	WLMDEF_NOT_FOUND	Workload management definition not found	22	NO_WORKLOAD	No workload
23	NO_WLMDEF	No workload management definition (WLMDEF)	24	WORKLOAD_FROZEN	Workload frozen
25	MAL_PENDING	Request scheduled for execution later			

Table 1028. WLMWDEF resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
AORSCOPE	CHAR	CPSM	8	DIFF	No	Scope name of set of target systems	9
DESC	CHAR	CPSM	58	DIFF	No	Description	10
LUNAME	CHAR	CPSM	17	DIFF	No	Terminal LU name	7
<b>NAME-3</b>	CHAR	CPSM	8	DIFF	Yes	Workload definition	4
PROCESSTYPE	CHAR	CPSM	8	DIFF	No	Process type	12
TRANGRP	CHAR	CPSM	8	DIFF	No	Transaction group	6
USERID	CHAR	CPSM	8	DIFF	No	User ID	8
<b>WORKLOAD-1</b>	CHAR	CPSM	8	DIFF	Yes	Workload name	5
<b>WRKLOWNER-2</b>	CHAR	CPSM	4	DIFF	Yes	System ID of workload owner	11

---

## WLMWORK Resource Table

A CPSM Workload Manager object that describes an active workload.

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

**Note:** The WLMWORK will not exist until the first CICS defined as a router has initialized and created the workload. The creation of the workload is indicated in the CMAS EYULOG by message EYUWM0400I.

**External resource name**

CICSWLMActiveWorkload

**Length**

128

**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**

EYUt2483

Table 1029. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 1030. WLMWORK resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ABENDCRIT	BINARY	CPSM	1	AVG	No	Acceptable level of abend probability	15
ABENDTHRESH	BINARY	CPSM	1	AVG	No	Acceptable target region load level	16
AFFAUTO	EYUDA	CPSM	4	LIKE	No	Automatic affinity creation	20
AFFAUTO Output valid values	YES, NO, N_A						
AFFINITY	EYUDA	CPSM	4	LIKE	No	Default affinity relation	5
AFFINITY Output valid values	GLOBAL, LUNAME, USERID, NONE, N_A, BAPPL						
AFFLIFE	EYUDA	CPSM	4	LIKE	No	Default affinity lifetime	6
AFFLIFE Output valid values	LOGON, PCONV, PERMANENT, SIGNON, SYSTEM, DELIMIT, NONE, N_A, ACTIVITY, PROCESS						
ALGTYPE	EYUDA	CPSM	4	LIKE	No	Algorithm type	14
ALGTYPE Output valid values	QUEUE, GOAL						
AORCNT	BINARY	CPSM	2	AVG	No	Active target regions	8
AORSCOPE	CHAR	CPSM	8	DIFF	No	Default target scope	9
DESC	CHAR	CPSM	58	DIFF	No	Description	10
EVENTNAME	CHAR	CPSM	8	DIFF	No	Event name	17
OWSTATE	EYUDA	CPSM	4	LIKE	No	Optimization status	22
OWSTATE Output valid values	ACTIVE, PARTIAL, INACTIVE						

Table 1030. WLMWORK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SHARED	EYUDA	CPSM	4	LIKE	No	Shared status	21
SHARED Output valid values	YES, NO						
STATUS	EYUDA	CPSM	4	LIKE	No	Workload status	12
STATUS Output valid values	ACTIVE, FROZEN						
TORCNT	BINARY	CPSM	2	AVG	No	Active routing regions	7
<b>WORKLOAD-1</b>	CHAR	CPSM	8	DIFF	Yes	Name	4
<b>WRKLOWNER-2</b>	CHAR	CPSM	4	DIFF	Yes	Owning system ID	18

## WLMAWTOR Resource Table

A CPSM Workload Manager object that describes a CICS system used as a TOR in an active workload.

This object is referenced within the scope of a workload. As such, the workload name must be explicitly identified in the API GET command PARM option by coding the following text string:

### APAR PQ30578

Documentation for APAR PQ30578 added 18/04/2000

```
PARM('WORKLOAD(workload).')
```

where workload = (Required) The name of an active workload.

Other parameters can also be specified, but the workload name is required.

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

**External resource name**  
CICSWLMActiveTOR

**Length**  
40

**Usage** API or CICS Management Client Interface

**API view**  
No

**CMAS context**  
No

**SCOPE applies**  
No

**Only query CMASs in workload**  
Yes

**Object type**  
CICSplex SM Manager



**Copybook identifier**  
EYUt2485

Table 1031. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	No

Table 1032. WLMAWTOR resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CON_STATUS	EYUDA	CPSM	4	LIKE	No	Routing region contact status	7
CON_STATUS Output valid values	LOSTCON, N_A						
OWSTATE	EYUDA	CPSM	4	LIKE	No	Optimization status	10
OWSTATE Output valid values	ACTIVE, INACTIVE, N_A						
<b>TOR-3</b>	CHAR	CPSM	8	DIFF	Yes	Routing region name	5
TOROWNER	CHAR	CPSM	8	DIFF	No	Name of controlling CMAS	9
<b>WORKLOAD-1</b>	CHAR	CPSM	8	DIFF	Yes	Workload name	4
<b>WRKLOWNER-2</b>	CHAR	CPSM	4	DIFF	Yes	System ID of workload owner	8

## WLMDEF Resource Table

A CPSM Workload Manager Definition that describes the separation and affinity requirements for a set of dynamic transactions.

The **Primary** key field for this resource class is NAME.

The following action is supported:

### INSTALL

Install the definition into a workload.

The parameter data for the INSTALL action is:

```
PARM('WORKLOAD(workload) OWNER(owner).')
```

where:

workload = (Required) Name of an active workload to process definition.

owner = (Required) System ID of CMAS that created workload, as identified by WLMWORK.

### External resource name

CICSWLMDefinition

### Length

160

**Usage** API or Batch Utility or CICS Management Client Interface

### API view

No

### CMAS context

No

**SCOPE applies**

No

**Only query CMASs in workload**

Yes

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt3508

Table 1033. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	OWNER(value)	Yes
		WORKLOAD(value)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 1034. WLMDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	not found	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	21	NO_WLMDEF	No workload management definition
22	NO_WORKLOAD	No workload	23	WORKLOAD_FROZEN	Workload frozen
24	MAL_PENDING	Request scheduled for execution later	25	PARMS_IGNORED	Parameters ignored
26	NODEFS_INSTALL	No definitions installed	27	AORSCOPE_NOT_FOUND	Scope not found
28	TRANGRP_NOT_FOUND	Transaction group not found			

Table 1035. WLMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
AORSCOPE	CHAR	CPSM	8	Yes	DIFF	No	Scope name of set of target systems			9
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			14
CHANGEAGENT	DREPAPI Input/output valid values									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			17

Table 1035. WLMDEF 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			16
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			15
DESC	CHAR	CPSM	58	No	DIFF	No	Description			10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	13
LUNAME	CHAR	CPSM	17	Yes	DIFF	No	Terminal LU name			7
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Workload management definition			5
PROCESSTYPE	CHAR	CPSM	8	Yes	DIFF	No	BTS process type	*		11
TRANGRP	CHAR	CPSM	8	No	DIFF	No	Transaction group			6
USERID	CHAR	CPSM	8	Yes	DIFF	No	User ID			8

## WLMGROUP Resource Table

A CPSM Workload Manager Definition that provides the association anchor for a set of WLMDEF definitions. References to a WLMGROUP are inferred to be references to the set of associated WLMDEF instances.

The **Primary** key field for this resource class is NAME.

The following action is supported:

### INSTALL

Install the set of WLMDEF definitions.

The parameter data for the INSTALL action is:

```
PARM('WORKLOAD(workload) OWNER(owner).')
```

where:

```
workload = (Required) Name of an active workload to process group.
owner     = (Required) System ID of CMAS that created
workload, as identified by WLMWORK.
```

### External resource name

CICSWLMGroup

### Length

112

**Usage** API or Batch Utility or CICS Management Client Interface

### API view

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

Yes

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt3506

Table 1036. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	OWNER(value)	Yes
		WORKLOAD(value)	Yes
	ADDTOSPC	SPEC(value)	Yes

Table 1037. WLMGROUP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REF	Not found	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	21	NO_WLMGROUP	No workload management group
22	NO_WORKLOAD	No workload	23	WORKLOAD_FROZEN	Workload frozen
24	MAL_PENDING	Request scheduled for execution later	25	PARMS_IGNORED	Parameters ignored
26	NODEFS_INSTALL	No definitions installed	27	NODEFS_ASSOCIATED	No definitions in group

Table 1038. WLMGROUP 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	DREPAPI						Input/output valid values			
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1

Table 1038. WLMGROUP 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
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
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Workload management group			5

## WLMINGRP Resource Table

A CPSM Workload Manager Definition that describes the membership of a workload definition (WLMDEF) in a workload group (WLMGROUP). A WLMDEF can be a member of multiple WLMGROUPs.

The **Primary** key field for this resource class is GROUP.

There are no object specific actions for this resource class.

**External resource name**

CICSWLMResourceInGroup

**Length**

56

**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**

EYUt5378

Table 1039. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 1040. WLMINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists

Table 1041. WLMINGRP 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
<b>DEF-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name of workload management (WLM) definition	6
<b>GROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Workload management (WLM) group	5

## WLMINSPC Resource Table

A CPSM Workload Manager Definition that describes the membership of a workload group (WLMGROUP) in a workload specification (WLMSPEC). A WLMGROUP can be a member of multiple WLMSPeCs.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSWLMGroupInSpecification

**Length**

56

**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**  
EYUt5123

Table 1042. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Table 1043. WLMINSPC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists

Table 1044. WLMINSPC 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
<b>GROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Workload management (WLM) group	6
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Workload management specification	5

## WLMSPEC Resource Table

A CPSM Workload Manager Definition that describes the control directives for generating a workload. Using group associators a WLMSPEC object can determine which WLMDEF instances are to be installed into the workload. Using scope link associators (LNKSWSCS), a WLMSPEC object can determine which CICS systems are to be referenced as TORs. A CICS system acting as a TOR can have a scope link associator to only one WLMSPEC.

The **Primary** key field for this resource class is NAME.

**External resource name**

CICSWLMSpecification

**Length**

144

**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**  
EYUt3513

Table 1045. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDSYSGRP	FORCE	Yes
		GROUP(value)	Yes
		NONE	Yes
		NULL	Yes
	ADDSYSDEF	SYSTEM(value)	Yes

Table 1046. WLMSPEC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Does not exist	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	21	ABEND_COMBINATION	Abend load must be less than abend probability
22	AORSCOPE_NOT_FOUND	Scope not found	23	LNKASSOC_EXISTS	Association already exists

Table 1047. WLMSPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ABENDCRIT	BINARY	CPSM	1	Yes	AVG	No	Acceptable level of abend probability	0	2-99	14
ABENDCRIT Input/output valid values	0									
ABENDTHRESH	BINARY	CPSM	1	Yes	AVG	No	Acceptable abend load threshold	0	1-98	15
ABENDTHRESH Input/output valid values	0									



Table 1047. WLMSPEC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
AFFAUTO	EYUDA	CPSM	4	No	LIKE	No	Automatic affinity creation option	N_A		17
AFFAUTO Input/output valid values	YES, NO, N_A									
AFFINITY	EYUDA	CPSM	4	No	LIKE	No	Default affinity			7
AFFINITY Input/output valid values	N_A, GLOBAL, LUNAME, USERID, BAPPL									
AFFLIFE	EYUDA	CPSM	4	No	LIKE	No	Default affinity lifetime			8
AFFLIFE Input/output valid values	N_A, LOGON, PCONV, DELIMIT, PERMANENT, SIGNON, SYSTEM, ACTIVITY, PROCESS									
ALGTYPE	EYUDA	CPSM	4	Yes	LIKE	No	Algorithm type			10
ALGTYPE Input/output valid values	GOAL, QUEUE									
AORSCOPE	CHAR	CPSM	8	Yes	DIFF	No	Default target scope			6
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
EVENTNAME	CHAR	CPSM	8	No	DIFF	No	RTA event			13
MATCH	EYUDA	CPSM	4	Yes	LIKE	No	Primary search criterion			9
MATCH Input/output valid values	LUNAME, USERID									
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Yes	Name			5

## WORKREQ Resource Table

A CICS Resource that describes EJB work requests and the transactions associated with them.

The **Primary** key for this resource class is NAME.

The following actions are supported:

**PURGE**

Purge a selected work request.

**FORCEPURGE**

Forcepurge a selected work request.

**External resource name**

CICSWorkRequest

**Length**

176

**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**

EYUt0136

Table 1048. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	PURGE	None	N/A
	FORCEPURGE	None	N/A

Table 1049. WORKREQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
CLIENTIPADDR	CHAR	INQ	39	DIFF	No	Client IP address			2
CLNTIPFAMILY	CVDAS	INQ	4	LIKE	No	The format of the Client IP address		E640 E650	17

Table 1049. WORKREQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
CLNTIPFAMILY Output valid values	IPV4, IPV6, NOTAPPLIC								
CORBASERVER	CHAR	INQ	4	DIFF	No	Associated CorbaServer			15
LISTENERPORT	BINARY	INQ	4	AVG	No	Host port that received the request			5
<b>NAME-1</b>	CHAR	INQ	8	DIFF	Yes	Work request			1
OAPPLID	CHAR	INQ	8	DIFF	No	Originating tasks application ID			7
OTASK	DECIMAL	INQ	4	AVG	No	Task that received the request			8
OTRANSID	CHAR	INQ	4	DIFF	No	Transaction ID that received the request			9
PURGETYPE	CVDAS	INQ	4	LIKE	Yes	Purge type		EALL	16
PURGETYPE Input/output valid values	PURGE, FORCEPURGE								
REQUESTID	BINARY	INQ	4	AVG	No	Current request ID			12
STACK	BINARY	INQ	4	AVG	No	Stack level of call			13
TASK	DECIMAL	INQ	4	AVG	Yes	Local task number			4
TRANSID	CHAR	INQ	4	DIFF	No	Local transaction ID			6
TSYSTEM	CHAR	INQ	50	DIFF	No	Address of target CICS system			10
TSYSTYPE	CVDAS	INQ	4	LIKE	No	Format of the Target system address		E640 E650	18
TSYSTYPE Output valid values	APPLID, IPV4, IPV6, NOTAPPLIC								
WORKTYPE	CVDAS	INQ	4	LIKE	Yes	Type of work being performed	IIOP		14
WORKTYPE Input/output valid values	IIOP, SOAP								

## XMLTRANS Resource Table

A CICS resource that provides information about transformations between XML and application data.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### INQUIRE

Inquire about an XMLTRANSFORM resource. The resource must be installed in the CICS region.

### External resource name

CICSXmltransform

### Length

688

**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**  
 EYUt0196

Table 1050. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

Table 1051. XMLTRANS 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		16
BUNDLE	CHAR	INQ	8	DIFF	Yes	Bundle name			4
CCSID	BINARY	INQ	4	LIKE	No	Coded character set ID		E640 E650	3
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent			6
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DYNAMIC, 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	No	Enabled status			2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED								
ENABLESTATUS Output valid values	ENABLING, DISABLING								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent			10

Table 1051. XMLTRANS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
INSTALLAGENT Input/output valid values	BUNDLE, DYNAMIC								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time			15
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID			11
MAPPINGLEVEL	CHAR	INQ	8	MAX	No	Mapping level			24
MAPPINGRNUM	BINARY	INQ	4	MAX	No	Mapping release number			23
MAPPINGVNUM	BINARY	INQ	4	MAX	No	Mapping version number			22
MINRUNLEVEL	CHAR	INQ	8	MAX	No	Minimum runtime level			25
MINRUNRNUM	BINARY	INQ	4	MAX	No	Minimum runtime release number			27
MINRUNVNUM	BINARY	INQ	4	MAX	No	Minimum runtime version number			26
<b>NAME-1</b>	CHAR	INQ	32	DIFF	Yes	Name			1
USECOUNT	BINARY	STAT	4	MAX	No	Use count			28
VALIDATIONST	CVDAS	INQ	4	LIKE	Yes	Validation status			18
VALIDATIONST Input/output valid values	VALIDATION, NOVALIDATION								
XMLSCHEMA	CHAR	INQ	255	MAX	No	XML schema			20
XSDBIND	CHAR	INQ	255	MAX	No	XSD binding			19



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## Appendix. Resource table summary

A summary of the resource tables that CICSplex SM provides by functional area.

### CICS definition tables

*Table 1052. Summary of CICS definition resource tables*

	ATOMDEF	FEPOODEF	PROFDEF
	BUNNDEF	FEPRODEF	PROGDEF
	CONNDEF	FETRGDEF	PRTNDEF
	CSDGROUP	FILEDEF	RQMDEF
	CSDINGRP	FSEGDEF	SESSDEF
	CSDINLST	IPCONDEF	TCPDEF
	CSDLIST	JRNLDDEF	TDQDEF
	DB2CDEF	JRNMDEF	TERMDEF
	DB2EDEF	JVMSVDEF	TRANDEF
	DB2TDEF	LIBDEF	TRNCLDEF
	DOCDEF	LIBDSN	TSMDEF
	EJCODEF	LSRDEF	TYPTMDEF
	EJDJDEF	MAPDEF	URIMPDEF
	ENQMDEF	MQCONDEF	WEBSVDEF
	FENODDEF	PARTDEF	
		PIPEDEF	
		PROCDEF	

### CICS monitored tables

*Table 1053. Summary of CICS monitored resource tables*

MCICSDSA	MJRNLNAM	MREMFIL
MCICSRGN	MLOCFILE	MREMTDQ
MCMMDT	MLOCTRAN	MREMTRAN
MCONNECT	MLSRPBUF	MTDQGBL
MDB2THRD	MLSRPOOL	MTERMNL
MFEPICON	MMODNAME	MTRANCLS
MINDTDQ	MNTRATDQ	MTSQGBL
MJOURNAL	MPROGRAM	MXTRATDQ

### CICS resource tables

Table 1054. Summary of CICS operations resource tables

	AIMODEL	FEPINODE	REMTDQ
	ATOMSERV	FEPPOOL	REMTRAN
	BRFACIL	FEPIDPROP	REQID
	BUNDLE	FEPITRGT	RPLLIST
	BUNDPART	HOST	RQMODEL
	CFDTPOOL	HTASK	SMFJRNL
	CICSDSA	INDTDQ	STREAMNM
	CICSPAGP	INTRATDQ	SYSDUMP
	CICSRGN	IPCONN	SYSPARM
	CICSSTOR	IPFACIL	TAPEJRNL
	CLCACHE	JRNLMODL	TASK
	CMDT	JRNLNAM	TASKESTG
	CONNECT	JVM	TASKFILE
	DBCTLSS	JVMPPOOL	TASKRMI
	DB2CONN	JVMPROF	TASKTSQ
	DB2ENTRY	JVMSERV	TASKASSC
	DB2SS	LIBRARY	TCPIPGBL
	DB2THRD	LOADACT	TCPIPS
	DB2TRAN	LOADER	TDQGBL
	DB2TRN	LOCFILE	TERMNL
	DOCTEMP	LOCTRAN	TRANCLAS
	DOMSPOOL	LSRPBUF	TRANDUMP
	DSKJRNL	LSRPOOL	TSKSPOLS
	DSNAME	MASHIST	TSKSPOOL
	DSPGBL	MASSTAT	TSMODEL
	DSPMODE	MODENAME	TSPOOL
	DSPPOOL	MONITOR	TSQGBL
	EJCOBEAN	MQCON	TSQNAME
	EJCOSE	MQCONN	TSQSHR
	EJDJAR	MQINI	TSQUEUE
	EJDJBEAN	MVSESTG	UOW
	ENQMODEL	MVSTCB	UOWDSNF
	ENQUEUE	MVSTCBGL	UOWENQ
	EVCSPEC	MVSWLM	UOWLINK
	EVNTBIND	PARTNER	URIINGRP
	EVNTGBL	PIPELINE	URIMPGBL
	EXCI	PIPINGRP	URIMAP
	EXITGLUE	PROCTYP	VOLUME
	EXITTRUE	PROFILE	WEBSERV
	EXTGLORD	PROGRAM	WORKREQ
	EXTRATDQ	RECOVERY	XMLTRANS
	FEPICONN	REMFIL	

**CPSM definition tables**



Table 1055. Summary of CICSplex SM definition resource tables

ACTION	JRMINGRP	RESINDSC
APSPEC	JRNINGRP	RESINGRP
ATMINGRP	LIBDEF	RQMINGRP
BUNINGRP	LIBINGRP	RTADEF
CMDMPAPS	LNKSMSCG	RTAGROUP
CMDMSAPS	LNKSMSCS	RTAINAPS
CONINGRP	LNKSRSCG	RTAINGRP
CSGLCGCG	LNKSRSCS	RTAINSPC
CSGLCGCS	LNKSWSCG	RTASPEC
CSYSDEF	LNKSWSCS	SESINGRP
CSYSGRP	LSRINGRP	STAINGRP
DOCDEF	MAPINGRP	STATDEF
DOCINGRP	MONDEF	SYSLINK
DTRINGRP	MONGROUP	TCLINGRP
D2CINGRP	MONINGRP	TCPINGRP
D2EINGRP	MONINSPC	TDQINGRP
D2TINGRP	MONSPEC	TERMDEF
EJCINGRP	MQCINGRP	TRANGRP
EJCODEF	PARINGRP	TRMINGRP
EJDINGRP	PERIODEF	TRNINGRP
ENQINGRP	PGMINGRP	TSMINGRP
EVALDEF	PIPEDEF	TYPINGRP
FILINGRP	PRCINGRP	URIMPDEF
FNOINGRP	PRNINGRP	WEBINGRP
FPOINGRP	PROGDEF	WEBSVDEF
FPRINGRP	PROINGRP	WLMDEF
FSGINGRP	RASGNDEF	WLMGROUP
FTRINGRP	RASINDSC	WLMINGRP
IPCINGRP	RESDESC	WLMINSPC
JMSINGRP	RESGROUP	WLMSPEC

### CPSM configuration definition

Table 1056. Summary of CICSplex SM configuration definition resource tables

CMTCMDEF	CPLXCMAS
CMTPMDEF	CPLXDEF

### CPSM manager

Table 1057. Summary of CICSplex SM manager resource tables

	APACTV	CRESSLUE	EVENT
	BATCHREP	CRESLPCN	EVENTDTL
	CICSplex	CRESLRNL	MAS
	CMAS	CRESLRNM	POLMON
	CMASLIST	CRESLVMS	RASPROC
	CMASPLEX	CRESLIBR	RDSCPROC
	CMTMLNK	CRESMODE	RTAACTV
	CMTPLNK	CRESPART	SYSRES
	CRESAIMD	CRESPIPE	TOPOBJ
	CRESAIOM	CRESPRGM	(IBM internal use only)
	CRESBUND	CRESPROF	TREEDATA
	CRESCONN	CRESPRTY	(IBM internal use only)
	CRESDB2C	CRESRQMD	TREEHEAD
	CRESDB2E	CRESSDMP	(IBM internal use only)
	CRESDB2T	CRESTCPS	WLMATAFF
	CRESDOCT	CRESTDMP	WLMATARG
	CRESDSNM	CRESTDQ	WLMATGRP
	CRESENQM	CRESTERM	WLMATRAN
	CRESEVBD	CRESTRAN	WLMAWAOR
	CRESEVCS	CRESTRUE	WLMAWDEF
	CRESFECO	CRESTSMD	WLMAWORK
	CRESFEND	CRESURIM	WLMAWTOR
	CRESFEP0	CRESWEB5	
	CRESFETR	CREXMLT	
	CRESFILF		

### CPSM metadata

Table 1058. Summary of CICSplex SM metadata resource tables

ASYNCREQ	METADESC
ATTR	METANAME
ATTRAVA	METAPARM
BINCONRS	OBJECT
BINCONSC	OBJECT
BINSTERR	OBJSTAT
FEEDBACK	PARMAVA

### CPSM notification

Table 1059. Summary of CICSplex SM notification resource tables

	EACTNTFN	ERMCCONN	ERMCPRTY
	ECSYSCHG	ERMCDDB2C	ERMCRQMD
	EDEFCHG	ERMCDDB2E	ERMCSDMP
	ELIGNAL	ERMCDDB2T	ERMCTCPS
	EMASJOIN	ERMCDDOCT	ERMCTDMP
	EMASSICK	ERMCDSDNM	ERMCTDQ
	EMASSTOP	ERMCCENQM	ERMCTERM
	EMASSTRT	ERMCEVBD	ERMCTRAN
	EMASWELL	ERMCEVCS	ERMCTRUE
	EMCICS	ERMCFECO	ERMCTSMD
	EMCONN	ERMCFEND	ERMCCURIM
	EMDBX	ERMCFEPO	ERMCCWEBS
	EMFILE	ERMCFETR	ERMCCXMLT
	EMGLBL	ERMCFILE	ERMCCONN
	EMJRNL	ERMCCGLUE	ERMCCFILE
	EMPROG	ERMCCIPCN	ERMCCJRNL
	EMSTATUS	ERMCCJRNL	ERMCCPRGM
	EMTDQS	ERMCCJRNM	ERMCCTDQ
	EMTERM	ERMCCJVMS	ERMCCTERM
	EMTRAN	ERMCLIBR	ERMCCTRAN
	EPLEXCHG	ERMCCMODE	ESGRPCHG
	ERESSTAT	ERMCCPART	
	ERMCAIMD	ERMCCPIPE	
	ERMCAATOM	ERMCCPRGM	
	ERMCBUND	ERMCCPROF	



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*CICS External Interfaces Guide*, SC34-7019

#### Databases

*CICS DB2 Guide*, SC34-7011  
*CICS IMS Database Control Guide*, SC34-7016

## CICSplex SM books for CICS Transaction Server for z/OS

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*CICSplex SM Concepts and Planning*, SC34-7044  
*CICSplex SM Web User Interface Guide*, SC34-7045

### Administration and Management

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*CICSplex SM Application Programming Guide*, SC34-7030  
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*CICSplex SM Resource Tables Reference*, SC34-7032  
*CICSplex SM Messages and Codes*, GC34-7035  
*CICSplex SM Problem Determination*, GC34-7037

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## Other CICS publications

The following publications contain further information about CICS, but are not provided as part of CICS Transaction Server for z/OS, Version 4 Release 1.

*Designing and Programming CICS Applications*, SR23-9692  
*CICS Application Migration Aid Guide*, SC33-0768  
*CICS Family: API Structure*, SC33-1007  
*CICS Family: Client/Server Programming*, SC33-1435  
*CICS Family: Interproduct Communication*, SC34-6853  
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*CICS Transaction Gateway for z/OS Administration*, SC34-5528  
*CICS Family: General Information*, GC33-0155  
*CICS 4.1 Sample Applications Guide*, SC33-1173  
*CICS/ESA 3.3 XRF Guide*, SC33-0661



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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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in ATOMDEF resource table	45		
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in BUNDLE resource table	65		
in BUNDPART resource table	67		
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in D2EINGRP resource table	204		
in D2TINGRP resource table	206		
in DB2CDEF resource table	207		
in DB2CONN resource table	213		
in DB2EDEF resource table	218		
in DB2TDEF resource table	227		
in DOCDEF resource table	235		
in DOCINGRP resource table	239		
in DOCTEMP resource table	240		
in DOMSPOOL resource table	242		
in DSPGBL resource table	248		
in DSPMODE resource table	250		
in DSPPOOL resource table	251		
in EJCINGRP resource table	257		
in EJCDEF resource table	260		
in EJDINGRP resource table	267		
in EJDJDEF resource table	271		
in ENQINGRP resource table	296		
in ENQMDEF resource table	298		
in ENQUEUE resource table	302		
in ERMCBUND resource table	308		
in EVNTBIND resource table	358		
in FENODDEF resource table	371		
in FEPODEF resource table	383		
in FEPRODEF resource table	386		
in FETRNGDEF resource table	390		
in FILEDEF resource table	393		
in FILINGRP resource table	401		
in FNOINGRP resource table	402		
in FPOINGRP resource table	404		
in FPRINGRP resource table	405		
in FSEGDEF resource table	406		
in FSGINGRP resource table	435		
in FTRINGRP resource table	436		
in IPCINGRP resource table	456		
in IPCONDEF resource table	457		
in JMSINGRP resource table	468		
in JRMINGRP resource table	469		
in JRNINGRP resource table	470		
in JRNLDEF resource table	472		
in JRNMDEF resource table	478		
in JVMPOOL resource table	483		
in JMSVDEF resource table	488		
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in MQCON resource table 603  
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in MQCONN resource table 608  
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in MVSWLM resource table 627  
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in PIPEDEF resource table 645  
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in PRCINGRP resource table 653  
in PRNINGRP resource table 655  
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in PROGDEF resource table 668  
in PROGRAM resource table 673  
in PROINGRP resource table 677  
in PRTNDEF resource table 679  
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in RESGROUP resource table 710  
in RESINGRP resource table 714  
in RQMDEF resource table 717  
in RQMINGRP resource table 721  
in SESINGRP resource table 737  
in SESSDEF resource table 739  
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in TASKFILE resource table 762  
in TCLINGRP resource table 780  
in TCPDEF resource table 782  
in TCPINGRP resource table 786  
in TCPIPS resource table 790  
in TDQDEF resource table 793  
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in TRANDEF resource table 820  
in TRMINGRP resource table 831  
in TRNCLDEF resource table 833  
in TRNINGRP resource table 836  
in TSMDEF resource table 841  
in TSMINGRP resource table 845  
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in TYPINGRP resource table 855  
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in URIMPDEF resource table 878  
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RSVRD11 field

in CICSSTOR resource table 87

RSVRD12 field

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RSVRD2 field

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in BUNNDEF resource table 62  
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in DSPMODE resource table 250  
in DSPPOOL resource table 251  
in EJCODEF resource table 260  
in EJDJDEF resource table 271  
in ENQMDEF resource table 298  
in EVNTBIND resource table 358  
in FENODDEF resource table 371  
in FEPOODEF resource table 383  
in FEPRODEF resource table 386  
in FETRGDEF resource table 390  
in FILEDEF resource table 393  
in FSEGDEF resource table 406  
in IPCONDEF resource table 457  
in JRNLDEF resource table 472  
in JRNMDEF resource table 478  
in JVMSVDEF resource table 488  
in LIBDEF resource table 492  
in LOADER resource table 511  
in LSRDEF resource table 522  
in MAPDEF resource table 533  
in MONITOR resource table 593  
in MQCONDEF resource table 606  
in MVSWLM resource table 627  
in PARTDEF resource table 637  
in PIPEDEF resource table 645  
in PROCDEF resource table 656  
in PROFDEF resource table 661  
in PROGDEF resource table 668  
in PRTNDEF resource table 679  
in RECOVERY resource table 690  
in RESINGRP resource table 714  
in RQMDEF resource table 717  
in SESSDEF resource table 739  
in STREAMNM resource table 749  
in TCPDEF resource table 782  
in TCPIPS resource table 790  
in TDQDEF resource table 793  
in TERMDEF resource table 802  
in TRANDEF resource table 820  
in TRNCLDEF resource table 833  
in TSMDEF resource table 841  
in TYPTMDEF resource table 856  
in URIMAP resource table 874  
in URIMPDEF resource table 878  
in WEBSERV resource table 887  
in WEBSVDEF resource table 890  
in XMLTRANS resource table 917

RSVRD3 field

in CICS PAGP resource table 73  
in CICSSTOR resource table 87  
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in DB2CDEF resource table 207  
in DB2EDEF resource table 218  
in DB2TDEF resource table 227  
in DOCDEF resource table 235

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in DSPPOOL resource table 251  
in EJCODEF resource table 260  
in EJDJDEF resource table 271  
in ENQMDEF resource table 298  
in FENODDEF resource table 371  
in FEPOODEF resource table 383  
in FEPRODEF resource table 386  
in FETRGDEF resource table 390  
in FILEDEF resource table 393  
in IPCONDEF resource table 457  
in JRNLDEF resource table 472  
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in LOADER resource table 511  
in MONITOR resource table 593  
in MQCON resource table 603  
in PIPEDEF resource table 645  
in PROCDEF resource table 656  
in PROGDEF resource table 668  
in RECOVERY resource table 690  
in RQMDEF resource table 717  
in STREAMNM resource table 749  
in TASK resource table 765  
in TCPDEF resource table 782  
in TCPIPS resource table 790  
in TDQDEF resource table 793  
in TERMDEF resource table 802  
in TRANDEF resource table 820  
in TSMDEF resource table 841  
in TYPTMDEF resource table 856  
in URIMAP resource table 874  
in URIMPDEF resource table 878  
in WEBSVDEF resource table 890  
in XMLTRANS resource table 917

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in CICS PAGP resource table 73  
in CICSSTOR resource table 87  
in CONNDEF resource table 126  
in DB2CDEF resource table 207  
in DOMSPOOL resource table 242  
in DSPMODE resource table 250  
in EJCODEF resource table 260  
in EJDJDEF resource table 271  
in FENODDEF resource table 371  
in FEPOODEF resource table 383  
in FEPRODEF resource table 386  
in FETRGDEF resource table 390  
in FILEDEF resource table 393  
in LOADACT resource table 509  
in LOADER resource table 511  
in MONITOR resource table 593  
in PROGDEF resource table 668  
in TASK resource table 765  
in TCPDEF resource table 782  
in TCPIPS resource table 790  
in TDQDEF resource table 793  
in TERMDEF resource table 802  
in TRANDEF resource table 820  
in URIMPDEF resource table 878  
in XMLTRANS resource table 917

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in FILEDEF resource table 393  
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in TRANDEF resource table	820		
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in LOADER resource table	511		
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in CICSSTOR resource table	87		
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RSVRD8 field			
in CICSSTOR resource table	87		
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in MDB2THRD resource table	556		
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in MLOCTRAN resource table	571		
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in EMASJOIN resource table	275		
in EMASSTOP resource table	279		
in EMASSTRT resource table	280		
RTAACTV resource table	724		
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in WLMATARG resource table	895		
RTADEF resource table	726		
RTADTE field			
in ECSYSCHG resource table	255		
RTAGROUP resource table	729		
RTAINAPS resource table	731		
RTAINGRP resource table	732		
RTAINSPC resource table	733		
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in CMASPLEX resource table	104		
in EPLEXCHG resource table	304		
RTASPEC resource table	735		
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in CSYSDEF resource table	196		
in MAS resource table	538		
RTATRACE field			
in CMAS resource table	106		
in MAS resource table	538		
RTCOMPLETE field			
in WLMATARG resource table	895		
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in TASK resource table	765		
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in PROFDEF resource table	661		
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in WLMATARG resource table	895		
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in WLMATARG resource table	895		
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     in SYSDUMP resource table 751  
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     in CONNDEF resource table 126  
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     in IPCONN resource table 462  
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     in TSMODEL resource table 846  
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     in SYSPARM resource table 752  
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     in MTSQGBL resource table 621  
     in TSQGBL resource table 849  
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     in CMTCMDEF resource table 118  
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     in CONNECT resource table 133  
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     in PIPELINE resource table 648  
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     in CMTCMDEF resource table 118  
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     in SESSDEF resource table 739  
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     in CONNDEF resource table 126  
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     in CONNDEF resource table 126  
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     in SYSLINK resource table 754  
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     in SYSLINK resource table 754  
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     in SESINGRP resource table 737  
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     in TERMNL resource table 810  
     in TYPTMDEF resource table 856  
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     in MMODNAME resource table 582  
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     in MMODNAME resource table 582  
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     in ATTR resource table 50  
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in HTASK resource table	439		
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SHARELIMIT field			
in LSRDEF resource table	522		
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in PROGRAM resource table	673		
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in MLOCTRAN resource table	571		
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in MLOCTRAN resource table	571		
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in EJCODEF resource table	260		
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in FILEDEF resource table	393		
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in ECSYSCHG resource table	255		
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   in ENQMDEF resource table 298  
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   in FEPRODEF resource table 386  
   in FETRGDEF resource table 390  
   in FILEDEF resource table 393  
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   in IPCONDEF resource table 457  
   in JRNLEDEF resource table 472  
   in JRNMDEF resource table 478  
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- in RQMDEF resource table 717
- in SESSDEF resource table 739
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- in TRANDEF resource table 820
- in TRNCLDEF resource table 833
- in TSMDEF resource table 841
- in TYPTMDEF resource table 856
- in URIMPDEF resource table 878
- in WEBSVDEF resource table 890

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- in ATOMDEF resource table 45
- in BUNDEF resource table 62
- in CONNDEF resource table 126
- in DB2CDEF resource table 207
- in DB2EDEF resource table 218
- in DB2TDEF resource table 227
- in DOCDEF resource table 235
- in EJCODEF resource table 260
- in EJDJDEF resource table 271
- in ENQMDEF resource table 298
- in FENODDEF resource table 371
- in FEPODEF resource table 383
- in FEPRODEF resource table 386
- in FETRDEF resource table 390
- in FILEDEF resource table 393
- in FSEGDEF resource table 406
- in IPCONDEF resource table 457
- in JRNDEF resource table 472
- in JRNMDEF resource table 478
- in JVMSVDEF resource table 488
- in LIBDEF resource table 492
- in LSRDEF resource table 522
- in MAPDEF resource table 533
- in MQCONDEF resource table 606
- in PARTDEF resource table 637
- in PIPEDEF resource table 645
- in PROCDEF resource table 656
- in PROFDEF resource table 661
- in PROGDEF resource table 668
- in PRTNDEF resource table 679
- in RQMDEF resource table 717
- in SESSDEF resource table 739
- in TCPDEF resource table 782
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- in TRNCLDEF resource table 833
- in TSMDEF resource table 841
- in TYPTMDEF resource table 856
- in URIMPDEF resource table 878
- in WEBSVDEF resource table 890

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- in BRFACIL resource table 60
- in HTASK resource table 439
- in REQID resource table 697
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- in STATDEF resource table 746
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- in TASKASSC resource table 759
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- in URIMAP resource table 874
- in URIMPDEF resource table 878
- in WLMATAFF resource table 894
- in WLMAWDEF resource table 903
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- in LSRPBUF resource table 530
- in MLSRPBUF resource table 578

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- in TERMNL resource table 810

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- in CICS RGN resource table 77
- in CMAS resource table 106

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- in EVNTBIND resource table 358

USERTOKEN field

- in ASYNCREQ resource table 41

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- in MLOCTAN resource table 571

USRP31HWM field

- in MLOCTAN resource table 571

USRPS24HWM field

- in HTASK resource table 439
- in TASK resource table 765

USRPS31HWM field

- in HTASK resource table 439
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USTG24CNT field

- in HTASK resource table 439
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- in TASK resource table 765

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- in HTASK resource table 439
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USTG24OCC field

- in HTASK resource table 439
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USTG31HWM field

- in HTASK resource table 439
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- in HTASK resource table 439
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- in OBJECT resource table 629

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- in ATTR resource table 50
- in METAPARM resource table 560
- in OBJECT resource table 629

VALCICSESA field

- in ATTR resource table 50
- in METAPARM resource table 560
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VALCICSOS2 field

- in ATTR resource table 50
- in METAPARM resource table 560
- in OBJECT resource table 629

VALCICSRV1 field

- in ATTR resource table 50
- in OBJECT resource table 629

VALCICSRV2 field

- in ATTR resource table 50
- in METAPARM resource table 560
- in OBJECT resource table 629

VALCICSVSE field

- in ATTR resource table 50
- in METAPARM resource table 560
- in OBJECT resource table 629

VALCICSWNT field

- in ATTR resource table 50
- in METAPARM resource table 560
- in OBJECT resource table 629

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- in ATTR resource table 50

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- in WEBSVDEF resource table 890

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- in TERMNL resource table 810
- in WEBSERV resource table 887
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- in ATTR resource table 50
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- in CRESDSNM resource table 152
- in DSNAME resource table 246

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- in ATTR resource table 50

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- in METANAME resource table 559
- in METAPARM resource table 560
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- in SYSPARM resource table 752

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CICSplex SM Resource Tables Reference

Publication No. SC34-7032-02

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