CICS Transaction Server for z/OS
Version 4 Release 2

CICSPlex SM Resource Tables Reference Vol 1

IBM

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This edition applies to Version 4 Release 2 of CICS Transaction Server for z/OS (product number 5655-S97) and to all subsequent releases and modifications until otherwise indicated in new editions.

Contents

Preface

This manual describes the format and content of CICSPlex® SM resource tables that begin with a letter in the range A to L. "CICSPlex SM resource table descriptions - A to L" on page 35 contains the alphabetic list of resource tables from A to L. If you want to look up a resource table that begins with a letter in the range M to Z, see CICSPlex SM resource tables overview in the CICSPlex SM Resource Tables Reference.

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

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

Who this book is for

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

What you need to know

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

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

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

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

Terminology

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

Changes in CICS Transaction Server for z/OS, Version 4 Release 2

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

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

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

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 Web User Interface (WUI) view that provides information about the resource class. The view names are relative distinguishing names that have a meaning only within the WUI. A resource class name is a unique distinguishing name in CICSPlex SM. All requests for resource data from the API, batched repository-update facility, or RTA evaluation definitions must use the resource class name that is defined in the resource table.

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

CICS definition resource tables

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

Table 1. Summary of CICS definition resource tables

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

CICS operations resource tables

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

Table 2. Summary of CICS operations resource tables

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

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 3. Summary of CICS monitored resource tables

MCICSDSA	MJRNLNAM	MREMFILE
MCICSRGN	MLOCFILE	MREMTDQ
MCMDT	MLOCTRAN	MREMTRAN
MCONNECT	MLSRPBUF	MTDQGBL
MDB2THRD	MLSRPOOL	MTERMNL
MFEPICON	MMODNAME	MTRANCLS
MINDTDQ	MNTRATDQ	MTSQGBL
MJOURNL	MPROGRAM	MXTRATDQ

CICSPlex SM definition resource tables

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

Table 4. 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

CICSPlex SM configuration definition resource tables

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

Table 5. Summary of CICSPlex SM configuration definition resource tables

CMTCMDEF	CPLXCMAS
CMTPMDEF	CPLEXDEF

CICSPlex SM management resource tables

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

Table 6. Summary of CICSPlex SM manager resource tables

APACTV	CRESFEND	CRESTRUE
BATCHREP	CRESFEPO	CRESTSMD
CICSPLEX	CRESFETR	CRESURIM
CMAS	CRESFILE	CRESWEBS
CMASLIST	CRESGLUE	CRESXMLT
CMASPLEX	CRESIPCN	EVENT
CMTCMLNK	CRESJRNL	EVENTDTL
CMTPMLNK	CRESJRNM	MAS
CRESAIMD	CRESJVMS	POLMON
CRESATOM	CRESLIBR	RASPROC
CRESBUND	CRESMODE	RDSCPROC
CRESCONN	CRESOSGB	RTAACTV
CRESDB2C	CRESOSGS	SYSRES
CRESDB2E	CRESPART	TOPOBJ (IBM® internal use only)
CRESDB2T	CRESPIPE	TREEDATA (IBM internal use only)
CRESDOCT	CRESPRGM	TREEHEAD (IBM internal use only)
CRESDSNM	CRESPROF	WLMATAFF
CRESENQM	CRESPRTY	WLMATARG
CRESEPAD	CRESRQMD	WLMATGRP
CRESEVBD	CRESSDMP	WLMATRAN
CRESEVCS	CRESTCPS	WLMAWAOR
CRESEVSD	CRESTDMP	WLMAWDEF
CRESEVSI	CRESTDQ	WLMAWORK
CRESEVSO	CRESTERM	WLMAWTOR
CRESFECO	CRESTRAN	

CICSPlex SM notification resource tables

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

Table 7. Summary of CICSPlex SM notification resource tables

EACTNTFN	ERMCDB2C	ERMCPART
ECSYSCHG	ERMCDB2E	ERMCPIPE
EDEFCHG	ERMCDB2T	ERMCPRGM
ELSIGNAL	ERMCDOCT	ERMCPROF
EMASJOIN	ERMCDSNM	ERMCPRTY
EMASSICK	ERMCENQM	ERMCRQMD
EMASSTOP	ERMCEPAD	ERMCSDMP
EMASSTRT	ERMCEVBD	ERMCTCPS
EMASWELL	ERMCEVCS	ERMCTDMP
EMCICS	ERMCEVSD	ERMCTDQ
EMCONN	ERMCEVSI	ERMCTERM
EMDBX	ERMCEVSO	ERMCTRAN
EMFILE	ERMCFECO	ERMCTRUE
EMGLBL	ERMCFEND	ERMCTSMD
EMJRNL	ERMCFEPO	ERMCURIM
EMPROG	ERMCFETR	ERMCWEBS
EMSTATUS	ERMCFILE	ERMCXMLT
EMTDQS	ERMCGLUE	ERMMCONN
EMTERM	ERMCIPCN	ERMMFILE
EMTRAN	ERMCJRNL	ERMMJRNL
EPLEXCHG	ERMCJRNM	ERMMPRGM
ERESSTAT	ERMCJVMS	ERMMTDQ
ERMCAIMD	ERMCLIBR	ERMMTERM
ERMCATOM	ERMCMODE	ERMMTRAN
ERMCBUND	ERMCOSGB	ESGRPCHG
ERMCCONN	ERMCOSGS	

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 8. Summary of CICSPlex SM metadata resource tables

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

Resource class key attributes

Each resource class can have many object instances in a CICSplex. Each object instance is a named entity and one or more attributes provide the instance key.

For example, the attribute TRANID in the LOCTRAN resource class identifies the attribute that is the name or key field. Resource class key fields are highlighted in the resource table descriptions. Some resource classes have multiple key fields.

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

Key fields are used to:
* Uniquely identify resources for the CREATE, UPDATE, and REMOVE statements in the API and batched repository-update facility.

  When you create, update, or remove a CICSPlex SM definition, you must supply all the key values. Furthermore, the values for the key fields must be specific; generic values are not allowed.
* Identify the selection criteria for the LIST or DUMP statements in the batched repository-update facility.

  When you list or dump CICSPlex SM definitions, only the **Primary** key field can be referenced. For these statements, both specific and generic values are allowed for key fields.
* Identify object instances in an evaluation definition.

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

The CICSPlex SM resource table descriptions in the following sections identify the **Primary** key field for each CICSplex definition resource class. The CICSPlex SM notification resource class does not have key fields. The content of the notification identifies the objects associated with the notification.

Special attribute and resource table considerations

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

EYU_ attributes

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

- EYU_CICSNAME
- EYU_CICSREL

These attributes are included in every CICS resource and CICS monitored resource table record and can be used by the CICSPlex SM API. However, you cannot refer to these attributes in any batched repository-update facility command.

CHANGEAGENT, CHANGEAGREL, CHANGETIME, CHANGEUSRID, and CREATETIME attributes

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

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

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

The CHANGEAGENT, CHANGEAGREL, CHANGETIME, CHANGEUSRID and CREATETIME attributes are maintained internally by CICSPlex SM. Do not attempt to change their values in any way.

LNKSxSCG Records (LNKSMSCG, LNKSRSCG, LNKSWSCG)

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

CREATE
Specify one of the following:

FORCE All current members of the CICS system group should have

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

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

NONE   No implicit links should be established.

REMOVE
Specify one of the following:

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

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

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

LNKSxSCS Records (LNKSMSCS, LNKSRSCS, LNKSWSCS)

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

CSYSDEF xxxACTION and xxxSEV attributes

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

The following values can be specified for the xxxACTION attributes:
1. The name of an action that is to be taken when this condition occurs.
2. An asterisk (*). This allows the action to be inherited. The rules for specifying inheritance are given in "CSYSDEF Resource Table" on page 206.
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:

```
                 ┌─AND/OR─────────────┐
                 │                    │
├──────┬───────┬──┬──── attr_expr ────┬──┘───────────────────┤
       └─NOT─┘  └─(─┤ logic_expr ├─)─┘
```
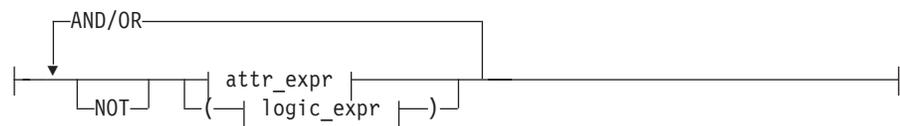
attr_expr:

```
├──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.

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oper Is one of the following comparison operators:

      <   Less than

      <=   Less than or equal to

      =   Equal to

      >=   Greater than or equal to

      >   Greater than

      ¬=   Not equal to

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

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

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

  ```
  TRANID=PAY*
  ```

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

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

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

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

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

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

AND/OR

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

```
attr_expr AND attr_expr.
```

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

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

has a different meaning than this one:

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

NOT Negates one or more attribute expressions.

You can negate a single attribute expression, like this:

```
NOT attr_expr
```

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

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

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

FORCEINS

(Optional) Specify YES or NO to indicate whether you want to install the resource even if it already exists. YES is the default.

If you specify NO, the definition will be installed anywhere it does not currently exist. CICSPlex SM checks to see if the resource is currently installed in the CICS system. If so, CICSPlex SM does not install the new resource, to avoid inadvertently changing attributes of an active resource.

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

MODE

(Optional. When installing a RESGROUP with the assignment parameter see "Installing a RESGROUP when ASSIGNMENT is specified" on page 22.) For some resource types, CICSPlex SM requires additional information to determine which subset of resource attributes to use in completing the installation. The MODE value you should specify depends on the resource type being installed:

Program definitions (PROGDEF)

If REMOTE is specified in the Usage field, you can identify how the program is to be routed:

DYNAM

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

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

Transaction definitions (TRANDEF)

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

DYNAM

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

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

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

Transient data queue definitions (TDQDEF)

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

INTRA

Intrapartition TDQ.

EXTRA

Extrapartition TDQ.

IND Indirect TDQ.

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

NOTIFY

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

NO   No checking is performed.

INACTIVE

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

RELEASE

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

FULL   Perform both INACTIVE and RELEASE checking.

OVERRIDE

(Optional. When installing a RESGROUP with the assignment parameter see "Installing a RESGROUP when ASSIGNMENT is specified" on page 22.) Identify attributes of the specified resource whose values are to be modified when it is installed in one or more of the specified scopes. (The OVERTYPE value determines which scope the override values are applied to.)

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

Override Expression

where:

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

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

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

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

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

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

OVERTYPE

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

TARGET

Apply the override values to the TARGET scope only.

RELATED

Apply the override values to the RELATED scope only.

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

NONE

Do not apply any override values.

REFASSIGN

(Required when installing a CONNDEF) Identify the resource assignment

(RASGNDEF) that applies to the related sessions definitions (SESSDEF). For each connection definition, CICSPlex SM requires one or more sessions definitions to properly construct the actual CICS connection.

RELATED

(Required, if USAGE is REMOTE. Optional when installing a RESGROUP with the assignment parameter. See "Installing a RESGROUP when ASSIGNMENT is specified" on page 22.) Specify the name of an existing CICS system or CICS system group into which a resource identified as REMOTE is to be installed as LOCAL.

RESTYPE

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

- ATOMDEF
- BUNDDEF
- CONNDEF
- DB2CDEF
- DB2EDEF
- DB2TDEF
- DOCDEF
- ENQMDEF
- FENODDEF
- FEPOODEF
- FEPRODEF
- FETRGDEF

- FILEDEF
- FSEGDEF
- IPCONDEF
- JRNLDEF
- JRNMDEF
- LIBDEF
- LSRDEF
- MAPDEF
- MQCONDEF
- PARTDEF
- PROCDEF
- PROFDEF

- PROGDEF
- PRTNDEF
- RQMDEF
- TCPDEF
- TDQDEF
- TERMDEF
- TRANDEF
- TRNCLDEF
- TSMDEF
- TSQDEF
- TYPTMDEF

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

STATECHK

(Optional) Specify YES or NO to indicate whether the existence and operational state of the resource 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

E670   CICS TS for z/OS Version 4 Release 2

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

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

Active FEEDBACK Error Codes
The error codes and values that can appear in the FEEDBACK resource table when an error occurs for this object.

Resource table attribute definitions

The second table presented for each resource table defines the attributes in the resource table. Attributes are discrete named elements that represent specific characteristics of a resource class.

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

The characteristics of a resource table attribute are described below:

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

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

Datatype

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

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

> **Keyword**
>> **Description**

> **ADDRESS**
>> Storage Address. Displayed externally as a printable hexadecimal value.

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

> **AVERAGE3**
>> Average. Maintained internally as a doubleword binary value with three implied decimal places. Displayed externally as a zoned decimal value of the form NNN.ttt.

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

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

BITSTRIP

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

CHAR

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

CODEDBIN

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

CVDAS

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

CVDAT

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

DATETIME

Date Time Group. Maintained internally as a System z Store Clock value. Displayed externally as a 24-digit formatted value `MT/DY/YYYY-HH:MM:SS.thmi`. When specified in an RTA Evaluation definition (EVALDEF object), the fractions of a second (`thmi`) are not required. The other data must be entered exactly as specified with leading zeros, if necessary. For Assembler and COBOL resource tables, the CPSM translator generates a single doubleword (8 bytes) sized field definition. However, for PL/I and C resource tables a two-fullword array is generated for the DATETIME fields.

DECDATE

Date. Maintained internally as a 4-byte packed decimal field of the form `0CYYDDD+` where `C` is the century code, `YY` is the last two digits of the year, `DD` is the day number within the year, and `+` indicates a positive number. A century code of 0 indicates a year in the 20th century (19xx) and a century code of 1 indicates a year in the 21st century (20xx). Displayed as a character string of the form `YYYY/DDD`.

DECIMAL

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

DECTIME

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

DECTIMES

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

EYUDA

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

HIDCHAR

> Hidden character string. Maintained as the character data.

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

HHMM

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

INTSTCK

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

INTUSEC

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

INTMSEC

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

INTSEC

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

INT16US

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

> For attributes which have a length of 4 bytes, this is displayed externally as a 17-digit formatted value `HH:MM:SS.thmiju`(where `t` is tenths of seconds, `h` is hundredths of seconds, `m` is milliseconds, `i` is ten-thousandths of seconds, `j` is hundred-thousandths of

seconds, and u is microseconds). Note that the precision of the *HH* value is such that a wrap-around will occur in approximately 18 hours.

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

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

PERCENT

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

PERCENT3

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

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

RATE3

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

RESTYPE

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

SCLOCK

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

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

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

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

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

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

For more information about clocks see the Clocks and time stamps in the CICS Performance Guide.

SCLOCK12
CICS monitoring facility (CMF) 12 byte interval store clock. Maintained internally as a binary value.

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

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

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

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

1. `HH:MM:SS`
2. `HH:MM:SS.thmi`
3. `HHHH:MM:SS.thmi`
4. `HHHH:MM:SS`
5. `HHHH:MM:SS.thmiju`

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

CICSPlex SM notifications and the OBJSTAT resource table do not participate in summary operations. See Programming overview in the CICSPlex SM 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 2.2

>   **E630**   CICS TS for z/OS, Version 2.3

>   **E640**   CICS TS for z/OS, Version 3.1

>   **E650**   CICS TS for z/OS, Version 3.2

>   **E660**   CICS TS for z/OS, Version 4.1

>   **E670**   CICS TS for z/OS, Version 4.2

>   In addition, you might also see the release followed by PLUS; for example, E660PLUS. This syntax means that the field is not valid for the specified release and all later releases.

Default
>   For CPSM Definition objects, the default value assumed for the attribute. If the attribute is required, an explicit value must be provided.

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

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

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

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

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

>   **Input/Output Valid Values**
>   >   Values that are valid in both cases.

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

CICSPlex SM resource table descriptions - A to L

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

To look up resource tables from M to Z, see CICSPlex SM resource tables overview in the CICSPlex SM Resource Tables Reference.

ACTION Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
  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 9. Valid CPSM operations

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

Table 10. 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 10. 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	Netview CMAS not found			

Table 11. ACTION resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ALERTMSGEND	CHAR	CPSM	30	No	DIFF	No	Message text when alert is cleared			19
ALERTMSGSTRT	CHAR	CPSM	30	No	DIFF	No	Message text when alert is raised			18
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			23
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			26
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification userid			25
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			24
DESC	CHAR	CPSM	58	No	DIFF	No	Description			14
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	22
EVENTMSG	CHAR	CPSM	30	No	DIFF	No	Message to send when event occurs			15
EXTMSGEND	CHAR	CPSM	30	No	DIFF	No	External message sent when event is cleared			17
EXTMSGSTRT	CHAR	CPSM	30	No	DIFF	No	External message sent when event occurs			16
GENALERT	EYUDA	CPSM	4	Yes	LIKE	No	Generate SNA generic alert			10
GENALERT Input/output valid values	YES, NO									
GENEVENT	EYUDA	CPSM	4	Yes	LIKE	No	Generate event			8
GENEVENT Input/output valid values	YES, NO									
GENEXTMSG	EYUDA	CPSM	4	Yes	LIKE	No	Generate external message			9
GENEXTMSG Input/output valid values	YES, NO									
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Action			5
NETVIEW	CHAR	CPSM	8	No	DIFF	No	CMAS to which NetView attached			7
PRIORITY	BINARY	CPSM	1	No	AVG	No	Action priority	1	1-255	13

Table 11. ACTION resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
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 12. Valid CPSM operations

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

Table 13. 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	

Table 13. AIMODEL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
`MODEL-1`	CHAR	INQ	8	DIFF	Yes	Model name	1

APACTV Resource Table

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

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

The following actions are supported:

DISCARD
> Unconditionally remove the installed definition.

DEACTIVATE
> Remove the installed definition honoring a PERIODEF.

These actions require no unique parameter data.

External resource name
> 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 14. Valid CPSM operations

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

Table 15. APACTV FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	21	DEACT_NOT_ALLOWED	Deactivate not allowed
22	NOT_FOUND	Not found	23	SCOPE_NOT_FOUND	Scope not found

Table 15. APACTV FEEDBACK error codes (continued)

| 24 | SPEC_NOT_ACTIVE | Specification not active | 25 | NOT_SPECIFIED | Not specified |

Table 16. APACTV resource table attributes

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

APSPEC Resource Table

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

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

External resource name
> 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 17. 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 18. 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_UNIQU	Not unique
22	DUP_ASSOCIATIO	Duplicate association			

Table 19. APSPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			8
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			9
DESC	CHAR	CPSM	58	No	DIFF	No	Description			6
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	7
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	RTA analysis point specification			5

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 20. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 21. 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

Table 21. ASYNCREQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
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)					
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 codeNOOPCancelConnectCopyCreateDeleteDiscardDisconnectF 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

Table 21. ASYNCREQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
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 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
　　EYUt6183

Table 22. Valid CPSM operations

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

Table 23. 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 24. ATMINGRP resource table attributes

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

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 following actions are supported:

DISCARD

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

INSTALL

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

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

External resource name
    CICSDefinitionAtomService

Length
    680

Usage   API or Batch Utility or 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 25. 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 26. ATOMDEF 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 26. ATOMDEF FEEDBACK error codes (continued)

11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
56	BAD_BINDCONFLICT	Bindfile option conflicts with Atomtype option.	57	BAD_BINDSETCONFLICT	Bindfile should not be set with this Atomtype option.
58	BAD_RTYPECONFLICT	Resourcetype option conflicts with Atomtype option.	59	BAD_RTYPESETCONFLICT	Resourcetype should not be with this Atomtype option.
60	BAD_RNAMECONFLICT	Resourcename option conflicts with Atomtype option.	61	BAD_RNAMESETCONFLICT	Resourcename should not be set with this Atomtype option.
62	INVALID_CONFIGFILE	Configfile invalid.	63	INV_CSDGROUP	Invalid CSD group
64	REC_NOT_REMOVED	Record not removed	65	INV_RESOURCE	Invalid resource
66	INV_CICS_RESTYPE	Invalid CICS restype	67	PARTIAL_ACTION	Partial action
68	NOTHING_ACTIONED	Nothing actioned	69	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
70	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required	71	BAD_RESNAMELEN	Resourcename is too long for the Resourcetype specified.
72	CSD_ERROR	CSD access error			

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
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	25
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		24
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				23
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				12
RESOURCENAME	CHAR	CPSM	16	No	DIFF	No	Resource name				16
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
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
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	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
ATMSRVDELENT	BINARY	STAT	4	AVG	No	Number of DELETE requests to the entry URL			25
ATMSRVGETENT	BINARY	STAT	4	AVG	No	Number of GET requests to the entry URL			23
ATMSRVGETFED	BINARY	STAT	4	AVG	No	Number of GET requests to the feed URL			22
ATMSRVPSTFED	BINARY	STAT	4	AVG	No	Number of POST requests to the feed URL			21
ATMSRVPUTENT	BINARY	STAT	4	AVG	No	Number of PUT requests to the entry URL			24

Table 29. ATOMSERV resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
ATMSRVREFCT	BINARY	STAT	4	AVG	No	Atom Service reference count			19
ATMSRVREFDIS	BINARY	STAT	4	AVG	No	Atom Service reference disabled count			20
ATOMTYPE	CVDAS	CPSM	4	MIN	No	Atomtype			3
ATOMTYPE Input/output valid values	FEED, SERVICE, COLLECTION, CATEGORY								
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0		17
BINDFILE	CHAR	CPSM	255	DIFF	No	Bind file name			7
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent			10
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, 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
CONFIGFILE	CHAR	CPSM	255	DIFF	No	Configuration file name			8
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition			13
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time			14
ENABLESTATUS	CVDAS	CPSM	4	LIKE	Yes	Enabled status			2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650 E660	5
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST, BUNDLE								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time			16
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID			15
`NAME-1`	CHAR	INQ	8	DIFF	Yes	Name			1
RESOURCENAME	CHAR	CPSM	16	DIFF	No	Resource name			6
RESOURCETYPE	CVDAS	CPSM	4	LIKE	No	Resource type			4
RESOURCETYPE Input/output valid values	FILE, PROGRAM, TSQUEUE, NOTAPPLIC								
URIMAPNAME	CHAR	INQ	8	DIFF	No	URIMAP name		E640 E650 E660	28
XMLTRANSNAME	CHAR	INQ	32	DIFF	No	XMLTRANSFORM name		E640 E650 E660	29

ATTRAVA Resource Table

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

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

External resource name

Length
40

Usage API

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Metadata

Copybook identifier
EYUt2581

Table 30. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 31. ATTRAVA resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
`AVAVALUE-4`	CHAR	CPSM	16	DIFF	Yes	Attribute valid value	7
IOTYPE	CHAR	CPSM	1	DIFF	No	Valid I/O 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)						
`NAME-3`	CHAR	CPSM	12	DIFF	Yes	Attribute name	6
`OBJECT-1`	CHAR	CPSM	8	DIFF	Yes	Object name	4
`TABLEVER-2`	BINARY	CPSM	2	AVG	Yes	Object table version	5

ATTR Resource Table

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

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

External resource name

Length
> 216

Usage   API

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICSPlex SM Metadata

Copybook identifier
> EYUt2580

Table 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

Table 33. ATTR resource table attributes (continued)

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

Table 33. ATTR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
LOWVALUE	CHAR	CPSM	16	DIFF	No	Lowest valid value	42
`NAME-3`	CHAR	CPSM	12	DIFF	Yes	Attribute name	6
`OBJECT-1`	CHAR	CPSM	8	DIFF	Yes	Object name	4
OFFSET	BINARY	CPSM	2	AVG	No	Attribute offset	9
PICKLIST	CHAR	CPSM	1	DIFF	No	Attribute eligible for picklist Picklist supported Picklist not supported	58
PICKLIST Input/output valid values	Y (YES), N (NO)						
REQUIRED	CHAR	CPSM	1	DIFF	No	Attribute is requiredRequired for CreateOptional on Create	16
REQUIRED Input/output valid values	Y (YES), N (NO)						
SETCICSES2	BIT	CPSM	1	LIKE	No	Not modifiable in CICS/ESA byte 2CICS for MVS/ESA 630CICS for MVS/ESA 640CICS for MVS/ESA 650CICS for MVS/ESA 660CICS for MVS/ESA 670	56
SETCICSES2 Input/output valid values	128 (E630), 64 (E640), 32 (E650), 16 (E660), 8 (E670)						
SETCICSESA	BIT	CPSM	1	LIKE	No	Not modifiable in CICS/ESACICS/MVS 212CICS/ESA 330CICS/ESA 410CICS for MVS/ESA 510CICS for MVS/ESA 520CICS for MVS/ESA 530CICS for MVS/ESA 610CICS for MVS/ESA 620	33
SETCICSESA Input/output valid values	128 (M212), 64 (E330), 32 (E410), 16 (E510), 8 (E520), 4 (E530), 2 (E610), 1 (E620)						
SETCICSOS2	BIT	CPSM	1	LIKE	No	Not modifiable in CICS OS/2CICS OS/2 201CICS OS/2 300CICS OS/2 310	35
SETCICSOS2 Input/output valid values	128 (O201), 64 (O300), 32 (O311)						
SETCICSVSE	BIT	CPSM	1	LIKE	No	Not modifiable in CICS/VSECICS/VSE 220CICS/VSE 230CICS/VSE 410	34
SETCICSVSE Input/output valid values	128 (V220), 64 (V230), 32 (V410)						
SETCICSWNT	BIT	CPSM	1	LIKE	No	Not modifiable in CICS for WindowsCICS for Windows 430CICS for Windows 500	38
SETCICSWNT Input/output valid values	128 (N430), 64 (N500)						
SETVALID	CHAR	CPSM	1	DIFF	No	Attribute may be setValue may be modifiedNo modification	15
SETVALID Input/output valid values	Y (YES), N (NO)						
SORT	CHAR	CPSM	1	DIFF	No	Attribute eligible for sortingSort by field allowedSort by field not allowed	49

Table 33. ATTR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SORT Input/output valid values	Y (YES), N (NO)						
SOURCE	CHAR	CPSM	1	DIFF	No	Source of attribute	21
SUMMARIZE	CHAR	CPSM	1	DIFF	No	Attribute eligible for groupingGroup by field allowedGroup by field not allowed	51
SUMMARIZE Input/output valid values	Y (YES), N (NO)						
SUMOPT	CHAR	CPSM	4	DIFF	No	Default summary option	11
`TABLEVER-2`	BINARY	CPSM	2	AVG	Yes	Object table version	5
UCHAR	CHAR	CPSM	1	DIFF	No	Uppercase character valuesUppercase charactersDo not uppercase characters	47
UCHAR Input/output valid values	Y (YES), N (NO)						
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 660CICS for MVS/ESA 670	55
VALCICSES2 Input/output valid values	128 (E630), 64 (E640), 32 (E650), 16 (E660), 8 (E670)						
VALCICSESA	BIT	CPSM	1	LIKE	No	Not valid in CICS/ESACICS/MVS 212CICS/ESA 330CICS/ESA 410CICS for MVS/ESA 510CICS for MVS/ESA 520CICS for MVS/ESA 530CICS for MVS/ESA 610CICS for MVS/ESA 620	25
VALCICSESA Input/output valid values	128 (M212), 64 (E330), 32 (E410), 16 (E510), 8 (E520), 4 (E530), 2 (E610), 1 (E620)						
VALCICSOS2	BIT	CPSM	1	LIKE	No	Not valid in CICS OS/2CICS OS/2 201CICS OS/2 300CICS OS/2 310	27
VALCICSOS2 Input/output valid values	128 (O201), 64 (O300), 32 (O311)						
VALCICSVSE	BIT	CPSM	1	LIKE	No	Not valid in CICS/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
VALSETAVAIL Input/output valid values	Y (YES), N (NO)						

Table 33. ATTR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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
7	OUTPUT_SEC_VIOLATION	Security violation with output data set	8	PRINTNODE_NOT_FOUND	Print node is required but not specified

Table 35. BATCHREP FEEDBACK error codes (continued)

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

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						
`CANDNAME-2`	CHAR	CPSM	8	LIKE	Yes	Candidate resource name	10
CANDRASG	CHAR	CPSM	8	LIKE	No	Candidate resource assignment	14
CANDRDSC	CHAR	CPSM	8	LIKE	No	Candidate resource description	15
CANDRGRP	CHAR	CPSM	8	LIKE	No	Candidate resource group	13
CANDSGRP	CHAR	CPSM	8	LIKE	No	Candidate system group	17
CANDTYPE	EYUDA	CPSM	4	LIKE	No	Candidate system type	18
CANDTYPE Output valid values	TARGET, RELATED						
CANDUSAGE	EYUDA	CPSM	4	LIKE	No	Candidate resource assignment usage	16
CANDUSAGE Output valid values	LOCAL, REMOTE, ASIS						
`CANDVER-3`	BINARY	CPSM	1	LIKE	Yes	Candidate resource version	11
`CICSNAME-1`	CHAR	CPSM	8	LIKE	Yes	CICS system name	6
CMASNAME	CHAR	CPSM	8	LIKE	No	CMAS name	4
ERROP	BINARY	CPSM	1	LIKE	No	Error operationAdd System to System GroupAdd Definition to GroupUpdate Definition in GroupAdd RASINDSCAdd RESINDSCUpdate RASGNDEFUpdate RASINDSCUpdate RESDESC Install ScopeUpdate RESDESC	8
ERROP Input/output valid values	1 (ADDSYS), 2 (ADDTOGRP), 3 (UPDINGRP), 4 (ADDRASI), 5 (ADDRESI), 6 (UPDRASG), 7 (UPDRASI), 8 (UPDRESI), 9 (UPDRDSC)						
EXISTASGOVR	EYUDA	CPSM	4	LIKE	No	Existing resource assignment override	29
EXISTASGOVR Output valid values	NO, YES						
EXISTNAME	CHAR	CPSM	8	LIKE	No	Existing resource name	20
EXISTRASG	CHAR	CPSM	8	LIKE	No	Existing resource assignment	23
EXISTRDSC	CHAR	CPSM	8	LIKE	No	Existing resource description	24
EXISTRGRP	CHAR	CPSM	8	LIKE	No	Existing resource group	22
EXISTSGRP	CHAR	CPSM	8	LIKE	No	Existing system group	27
EXISTTYPE	EYUDA	CPSM	4	LIKE	No	Existing system type	28
EXISTTYPE Output valid values	TARGET, RELATED						
EXISTUSAGE	EYUDA	CPSM	4	LIKE	No	Existing resource assignment usage	26

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

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 codeTarget/Related scopes are sameTarget Scope is in RelatedRelated Scope is in TargetCICSNAME in Target and RelatedMultiple Systems in RelatedRelated System has no SYSID	7

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
`RELSCOPE-2`	CHAR	CPSM	8	LIKE	Yes	Related scope name	12
TARGRASG	CHAR	CPSM	8	LIKE	No	Resource assignment for target scope	10
TARGRDSC	CHAR	CPSM	8	LIKE	No	Resource description for target scope	11
`TARGSCOPE-1`	CHAR	CPSM	8	LIKE	Yes	Target scope name	9

BINSTERR Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
48

Usage   API

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Metadata

Copybook identifier
EYUt2616

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

BRFACIL Resource Table

A CICS Resource that describes a LINK3270 bridge facility.

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

The following action is supported:

RELEASE
Mark an active bridge facility for deletion.

External resource name
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
`NAME-1`	HEX	INQ	8	MIN	Yes	Bridge facility token	1
NAMESPACE	CVDAS	INQ	4	LIKE	No	Namespace type	11
NAMESPACE Output valid values	LOCAL, SHARED						
NETNAME	CHAR	INQ	8	DIFF	No	Network name	2
REMOTESYSNET	CHAR	INQ	8	DIFF	No	Remote bridge router network name	10
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote bridge router system ID	9
TASKID	BINARY	INQ	4	AVG	No	Task number	5
TERMID	CHAR	INQ	4	DIFF	No	Terminal	3
TERMSTATUS	CVDAS	INQ	4	LIKE	Yes	Terminal status	13
TERMSTATUS Input/output valid values	RELEASED						
TERMSTATUS Output valid values	ACQUIRED, AVAILABLE						
TRANSID	CHAR	INQ	4	DIFF	No	Transaction	4
USERID	CHAR	INQ	8	DIFF	No	User ID	6

BUNDDEF Resource Table

A CICS definition that describes an application bundle.

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

The following actions are supported:

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

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

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

External resource name
CICSDefinitionBundle

Length
656

Usage API or Batch Utility or 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 | DUPNOREPLACE | DUPREPLACE)	No
	TO_CSDGROUP(value)	No

Table 46. BUNDDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	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
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 46. BUNDDEF FEEDBACK error codes (continued)

| 63 | INV_NOTTOAS | Either TO_CSDGROUP or AS_RESOURCE is required | 64 | CSD_ERROR | CSD access error |

Table 47. BUNDDEF 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	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	4
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	7
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	6
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				5
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	21
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		16
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				18
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				12
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Enabled Status	ENABLED			17
STATUS Input/output valid values	ENABLED, DISABLED										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				13
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				14
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				15

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
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

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
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
`NAME-1`	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	
`BUNDLE-1`	CHAR	INQ	8	DIFF	Yes	Bundle name	1
`BUNDLEPART-2`	CHAR	INQ	255	DIFF	Yes	Bundle resource name	2
ENABLESTATUS	CVDAS	INQ	4	LIKE	No	Resource status	4
ENABLESTATUS Output valid values	ENABLED, DISABLED, ENABLING, DISABLING, DISCARDING, UNUSABLE						
METADATAFILE	CHAR	INQ	255	DIFF	No	Relative HFS path to resource description file	6
PARTCLASS	CVDAS	INQ	4	LIKE	No	Resource class	5
PARTCLASS Output valid values	DEFINITION, EXPORT, IMPORT						
PARTTYPE	CHAR	INQ	255	DIFF	No	Resource type URI	7
`SEQNUMBER-3`	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 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
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
`BUNGROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
`BUNNAME-2`	CHAR	CPSM	8	Yes	DIFF	Yes	Bundle definition name	6
`BUNVER-3`	BINARY	CPSM	1	Yes	AVG	Yes	Bundle definition version	7
CHANGEAGENT	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						
`NAME-1`	CHAR	CPSM	8	DIFF	Yes	Pool name	1

CICSDSA Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
> 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	3	A_NOT_SETTABLE	The MEMLIMIT for GCDSA is not modifiable.

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, TRUSTED							
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	5
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

Table 59. CICSDSA resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
HWMCMNSSUSRS	BINARY	STAT	4	AVG	No	Peak number of common subspace users		37
HWMFREE	BINARY	CPSM	8	AVG	No	Peak amount of free storage available		30
HWMGDSAACTIV	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	Limit of storage for DSAs		24
LOCATION	EYUDA	STAT	4	LIKE	No	Dynamic storage area (DSA) location		21
LOCATION Output valid values	ABOVE, BELOW, ABOVEBAR							
LWMFREE	BINARY	CPSM	8	AVG	No	Smallest amount of free storage available		31
MEMLIMIT	CNUMERIC	STAT	8	AVG	No	Maximum amount of above the bar storage	E640	46
`NAME-1`	CHAR	STAT	8	DIFF	Yes	Dynamic storage area (DSA)		1
NSTGCURR	BINARY	STAT	4	AVG	No	Number of current suspended storage requests		11
NSTGTOTL	BINARY	STAT	4	AVG	No	Number of times NOSTORAGE returned		9
PCTFREE	PERCENT	CPSM	4	AVG	No	Percentage of available total storage		26
PGMONIU	BINARY	STAT	4	AVG	No	Storage occupied by not-in-use programs		4
POOLPCTFREE	PERCENT	CPSM	4	AVG	No	Percentage of available pool storage		25
REQSWAITMVS	BINARY	STAT	4	AVG	No	Number of requests for MVS storage causing wait		44
RNTPGPROTECT	CVDAS	STAT	4	LIKE	No	Reentrant program protection status		28
RNTPGPROTECT Output valid values	REENTPROT, NOREENTPROT							
SIZE	BINARY	INQ	8	AVG	No	Subpool size		2
STGCRELC	BINARY	STAT	4	AVG	No	Number of times cushion released		14
STGFSIZE	BINARY	STAT	8	AVG	No	Free storage size		18
STGHWM	BINARY	STAT	8	AVG	No	Peak size of DSA		23
STGLSIZE	BINARY	STAT	8	AVG	No	Largest free area size		19

Table 59. CICSDSA resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
STGNSUBP	BINARY	STAT	4	AVG	No	Number of current subpools		17
STGPROTECT	CVDAS	STAT	4	LIKE	No	Storage protection status		27
STGPROTECT Output valid values	ACTIVE, INACTIVE							
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
TIMEWAITMVS	INTTSTP	STAT	8	AVG	No	Total time waiting for MVS storage		43
TRNISOLATION	CVDAS	STAT	4	LIKE	No	Transaction isolation status		29
TRNISOLATION Output valid values	ACTIVE, INACTIVE							

CICSPAGP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
    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
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, TRUSTED						
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

Table 61. CICSPAGP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SMSCSSCUR	BINARY	STAT	4	AVG	No	Current number of common subspace users	14
SMSCSSHWM	BINARY	STAT	4	AVG	No	Peak number of common subspace users	16
SMSCSUBP	BINARY	STAT	4	AVG	No	Current number of subpools	40
SMSDSABYTES	BINARY	STAT	8	AVG	No	Current size of DSA in bytes	71
SMSDSALIMIT	BINARY	STAT	4	AVG	No	Current DSA limit	17
`SMSDSANAME-1`	CHAR	STAT	8	DIFF	Yes	Name of DSA in which the page pool is located	5
SMSDSASZ	BINARY	STAT	4	AVG	No	Current size of DSA	25
SMSDSATOTAL	BINARY	STAT	4	AVG	No	Current DSA total	19
SMSDSR	BINARY	STAT	4	AVG	No	Number of DELETE_SUBPOOL requests	31
SMSEDSALIMIT	BINARY	STAT	4	AVG	No	Current EDSA limit	18
SMSEDSATOTAL	BINARY	STAT	4	AVG	No	Current EDSA total	20
SMSEXTS	BINARY	STAT	4	AVG	No	Current number of extents	46
SMSEXTSA	BINARY	STAT	4	AVG	No	Number of extents added	47
SMSEXTSR	BINARY	STAT	4	AVG	No	Number of extents released	48
SMSFMREQ	BINARY	STAT	4	AVG	No	Number of FREEMAIN requests	29
SMSFSTG	BINARY	STAT	4	AVG	No	Size of free storage including cushion	41
SMSGMREQ	BINARY	STAT	4	AVG	No	Number of GETMAIN requests	28
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
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						
SMSSOS	BINARY	STAT	4	AVG	No	Number of times short-on-storage (SOS) occurred	37
SMSSTGPROT	EYUDA	STAT	4	LIKE	No	Storage protection status	8

Table 61. CICSPAGP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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
`CMASNAME-2`	CHAR	CPSM	8	DIFF	Yes	CMAS		5
MPSTATUS	EYUDA	CPSM	4	LIKE	No	CMAS maintenance point status		9
MPSTATUS Output valid values	YES, NO							
`PLEXNAME-1`	CHAR	CPSM	8	DIFF	Yes	CICSplex		4
READRS	BINARY	CPSM	2	DIFF	No	RS server read interval	200	13
RSPOOLID	CHAR	CPSM	8	DIFF	No	RS server pool name	DFHRSTAT	17
STATUS	EYUDA	CPSM	4	LIKE	No	CMAS status		7
STATUS Output valid values	N_A, INACTIVE, ACTIVE, LOSTCON, CREATING							
SYSID	CHAR	CPSM	4	DIFF	No	CMAS system ID		12
TOPRSUPD	BINARY	CPSM	1	DIFF	No	RS server top tier	5	15
TRANSITCMAS	CHAR	CPSM	8	DIFF	No	First transit CMAS		6
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.

DELETSHIPPED
Control the removal of redundant shipped terminal definitions.

RESETTIME
Reset the internal CICS clock.

SECREBUILD
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
1000

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

Table 64. Valid CPSM operations (continued)

		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
		JRNLNAME	No
		JVMPOOL	No
		JVMPROFILE	No
		JVMPROGRAM	No
		JVMSERVER	No
		LIBRARY	No
		LSRPOOL	No
		MONITOR	No
		MQCONN	No
		PIPELINE	No
		PROGAUTOINS	No
		PROGRAM	No
		PROGRAMDEF	No
		RECOVERY	No
		REQUESTMODEL	No
		RESETNOW	No
		STATISTICS	No
		STORAGE	No
		STREAMNAME	No
		SYSDUMP	No
		TABLEMGR	No
		TASKCONTROL	No
		TCPIP	No
		TCPIPSERVICE	No

Table 64. Valid CPSM operations (continued)

	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. CICSRGN FEEDBACK error codes

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

Table 66. CICSRGN 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	E640PLUS	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
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

Table 66. CICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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	E410PLUS	5
APPLID	CHAR	INQ	8	DIFF	No	VTAM application ID		2
AUXSTATUS	CVDAS	INQ	4	LIKE	Yes	Auxiliary trace status		39
AUXSTATUS Input/output valid values	AUXSTART, AUXSTOP, AUXPAUSE							
CICSSTATUS	CVDAS	INQ	4	LIKE	No	CICS status		7
CICSSTATUS Output valid values	STARTUP, ACTIVE, FIRSTQUIESCE, FINALQUIESCE, CONTROLSHUT, SHUTDOWN, CANCELLED, FIRSTINIT, SECONDINIT, THIRDINIT, INITCOMPLETE							
CICSSYS	CHAR	INQ	1	DIFF	No	CICS operating system ID		17
CMDPROTECT	CVDAS	INQ	4	LIKE	No	Command protection status		141
CMDPROTECT Output valid values	CMDPROT, NOCMDPROT							
COLDSTATUS	CVDAS	INQ	4	LIKE	No	Cold start status		161
COLDSTATUS Output valid values	COLD, INITIAL, NOTAPPLIC							
CONSOLES	CVDAS	INQ	4	LIKE	Yes	Autoinstall console status		157
CONSOLES Input/output valid values	PROGAUTO, FULLAUTO, NOAUTO							
CONVERSEST	CVDAS	INQ	4	LIKE	Yes	Separate conversational task performance records		98
CONVERSEST Input/output valid values	CONVERSE, NOCONVERSE							
CPUTIME	INTUSEC	CPSM	8	MAX	No	Total CPU time used		75
CTSLEVEL	CHAR	INQ	6	DIFF	No	CICS Transaction Server level		149
CURACTVUSRTR	BINARY	STAT	4	AVG	No	Current number of active user transactions		112
CURAUXDS	CHAR	INQ	1	DIFF	No	Current auxiliary trace dataset		87
CURQUEDUSRTR	BINARY	STAT	4	AVG	No	Current number of queued user transactions		113
CURQUETIME	INTTSTP	STAT	8	MAX	No	Time currently queued transactions waiting		119
CURRAMAX	BINARY	STAT	2	AVG	No	Current number of user tasks eligible for dispatch	E410PLUS	51
CURRENTDDS	CHAR	INQ	1	DIFF	No	Current dump data set		85
CURRTASKS	BINARY	INQ	4	AVG	No	Current number of tasks		110
CUTCBCNT	BINARY	STAT	2	AVG	No	Number of MVS™ task control blocks (TCBs)	E410PLUS	54
DDSOSTAT	CVDAS	INQ	4	LIKE	Yes	Dump data set open status		28

Table 66. CICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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	E330PLUS	145
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	E620PLUS	31
EVENTCLASS Input/output valid values	EVENT, NOEVENT							
EXCEPTCLASS	CVDAS	INQ	4	LIKE	Yes	Exception class monitoring status		32
EXCEPTCLASS Input/output valid values	EXCEPT, NOEXCEPT							
EXITTIME	BINARY	INQ	4	AVG	Yes	Exit wait time		22
EXTSEC	CVDAS	INQ	4	LIKE	No	External security status		9
EXTSEC Output valid values	EXTSECURITY, CICSSECURITY, NOSECURITY							
FORCEQR	CVDAS	INQ	4	LIKE	Yes	Force quasi-reentrancy		153
FORCEQR Input/output valid values	FORCE, NOFORCE							
FREQUENCY	DECTIME	INQ	4	AVG	Yes	Performance record interval		99
GARBAGEINT	BINARY	INQ	4	AVG	Yes	Web domain garbage collection interval		159
GMMLENGTH	BINARY	INQ	2	AVG	No	Good morning message length		137
GMMTEXT	CHAR	INQ	246	DIFF	Yes	Good morning message		136
GMMTRANID	CHAR	INQ	4	DIFF	No	Good morning transaction ID		13
GRNAME	CHAR	INQ	8	DIFF	No	CICS registered generic name		138
GRSTATUS	CVDAS	INQ	4	LIKE	Yes	Generic resource registration status		139
GRSTATUS Input/output valid values	DEREGISTERED, NOTAPPLIC							

Table 66. CICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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							
JOBID	CHAR	CPSM	8	DIFF	No	MVS job ID		184
JOBNAME	CHAR	INQ	8	DIFF	No	MVS job name		1
LASTRESET	BINARY	STAT	8	AVG	No	Last statistics reset time	E410PLUS	55
LDGLBSOU	BINARY	STAT	4	AVG	No	LIBRARY search order updates	E640	177
LDGLSORT	BINARY	STAT	4	AVG	No	LIBRARY search order update time	E640	179
LDGLWSOU	BINARY	STAT	4	AVG	No	Load requests waited due to search order update	E640	178
LOADHWMC	BINARY	STAT	4	AVG	No	Number of times maximum suspended tasks reached		62
LOADHWMW	BINARY	STAT	4	AVG	No	Peak number of tasks waiting for load requests		61
LOADPNIU	BINARY	STAT	4	AVG	No	Number of programs on not-in-use queue		67
LOADREQS	BINARY	STAT	4	AVG	No	Number of load requests		56
LOADRNIU	BINARY	STAT	4	AVG	No	Number of reclaims from not-in-use queue		68
LOADTIME	INT16US	STAT	4	MAX	No	Total loading time		57

Table 66. CICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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 E640PLUS	162
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
MAXTHRDTCBS	BINARY	STAT	4	AVG	No	Maximum number of JVM server thread TCBs.	E640	183
MAXTRCNT	BINARY	STAT	4	AVG	No	Number of times MAXTASK limit reached		111
MAXXPTCBS	BINARY	INQ	4	AVG	Yes	Maximum number of XPLink pool TCBs		168
MEMLIMIT	CNUMERIC	INQ	8	LIKE	No	Maximum amount of above the bar storage	E640	173
MONRPTTIME	CVDAS	INQ	4	LIKE	No	Time zone for performance class records		102
MONRPTTIME Output valid values	GMT, LOCAL							
MONSTAT	CVDAS	INQ	4	LIKE	Yes	Monitor status		34
MONSTAT Input/output valid values	ON, OFF							
MROBATCH	BINARY	INQ	4	AVG	Yes	Number of MRO requests to be batched		14
MVSSYSID	CHAR	CPSM	4	DIFF	No	MVS system ID		3
MVSSYSNAME	CHAR	CPSM	8	DIFF	No	MVS system name		152
NEXTTIME	DECTIME	INQ	4	AVG	No	Next statistics recording time		37
OPREL	BINARY	INQ	2	AVG	No	Operating system release		15
OPSYS	CHAR	INQ	1	DIFF	No	Operating system		16
OSLEVEL	CHAR	INQ	6	DIFF	No	OS/390® level		150
PAGEIN	BINARY	CPSM	4	AVG	No	Number of page-in requests		76
PAGEOUT	BINARY	CPSM	4	AVG	No	Number of page-out requests		77
PEAKAMAX	BINARY	STAT	2	AVG	No	Peak number of user tasks eligible for dispatch	E410PLUS	52

Table 66. CICSRGN resource table attributes (continued)

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

Table 66. CICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
RDEBRBLD	BINARY	STAT	4	AVG	No	Number of times LIBRARY reopened and load retried		64
REALSTG	BINARY	CPSM	4	AVG	No	Real storage in use		78
RECORDING	CVDAS	INQ	4	LIKE	Yes	Interval statistics recording status		38
RECORDING Input/output valid values	ON, OFF							
REENTPROTECT	CVDAS	INQ	4	LIKE	No	Reentrant program protection status		140
REENTPROTECT Output valid values	REENTPROT, NOREENTPROT							
RELEASE	CHAR	INQ	4	DIFF	No	CICS Release		19
RLSSTATUS	CVDAS	INQ	4	LIKE	No	Record level sharing (RLS) status		144
RLSSTATUS Output valid values	RLSACTIVE, RLSINACTIVE, NOTAPPLIC							
RRMSSTAT	CVDAS	INQ	4	LIKE	No	Resource recovery management service (RRMS) status		151
RRMSSTAT Output valid values	OPEN, CLOSED, NOTAPPLIC							
RUNAWAY	BINARY	INQ	4	AVG	Yes	Runaway time interval		20
SCANDELAY	BINARY	INQ	4	AVG	Yes	Terminal scan delay time		21
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							
SIOREQ	BINARY	CPSM	8	AVG	No	Number of I/O requests		79
SOSABOVEBAR	CVDAS	INQ	4	LIKE	No	Short on storage status above the bar	E640	174
SOSABOVEBAR Output valid values	SOS, NOTSOS							
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

Table 66. CICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SOSSTATUS Output valid values	SOS, NOTSOS, SOSABOVE, SOSBELOW							
STARTUP	CVDAS	INQ	4	LIKE	No	Startup type		10
STARTUP Output valid values	COLDSTART, WARMSTART, EMERGENCY, LOGTERM							
STARTUPDATE	DECDATE	INQ	4	AVG	No	Date on which CICS started		108
STGPROT	CVDAS	INQ	4	LIKE	No	Storage protection status		11
STGPROT Output valid values	ACTIVE, INACTIVE							
STRTTIME	DATETIME	CPSM	8	MAX	No	CICS start time		73
SUBSYSTEMID	CHAR	INQ	4	DIFF	No	Subsystem ID used on SYSEVENT class records	E650PLUS	100
SUBTASKS	BINARY	INQ	4	AVG	No	Value set by the SUBTSKS system initialization parameter		166
SWITCHSTATUS	CVDAS	INQ	4	LIKE	Yes	Auxiliary trace data set switch type		42
SWITCHSTATUS Input/output valid values	NOSWITCH, SWITCHNEXT, SWITCHALL							
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

Table 66. CICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TOTACTVUSRTR	BINARY	STAT	4	AVG	No	Total number of active user transactions		116
TOTDELYUSRTR	BINARY	STAT	4	AVG	No	Total number of queued user transactions		117
TOTLTASKS	BINARY	STAT	8	AVG	No	Total number of tasks		143
TOTQUETIME	INTTSTP	STAT	8	MAX	No	Total time queued transactions waited		118
TRANISOLATE	CVDAS	INQ	4	LIKE	No	Transaction isolation status		107
TRANISOLATE Output valid values	ACTIVE, INACTIVE							
USERSTATUS	CVDAS	INQ	4	LIKE	Yes	User trace status		47
USERSTATUS Input/output valid values	USERON, USEROFF							
VTMACBDOPE	BINARY	STAT	2	AVG	No	Number of times VTAM ACB dynamically opened		84
VTMRPLMAX	DECIMAL	STAT	4	AVG	No	Number of times RPL maximum value was reached		81
VTMRPLPOST	DECIMAL	STAT	2	AVG	No	Maximum number of VTAM RPLs posted		82
VTMSOSCNT	BINARY	STAT	2	AVG	No	Number of times VTAM had short-on-storage status		83
VTMSTATUS	CVDAS	INQ	4	LIKE	Yes	CICS-VTAM connection status		80
VTMSTATUS Input/output valid values	OPEN, CLOSED							
VTMSTATUS Input valid values	IMMCLOSE, FORCECLOSE							
VTMSTATUS Output valid values	CLOSING, IMMCLOSING, FORCECLOSING, NOTAPPLIC							
XCFGROUP	CHAR	INQ	8	LIKE	No	XCF group ID	E640	172
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
>   2320

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

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
ECRATEFM	RATE3	CPSM	8	AVG	No	ECDSA FREEMAIN request rate		287
ECRATEGM	RATE3	CPSM	8	AVG	No	ECDSA GETMAIN request rate		286
ECRATESTORV	RATE3	CPSM	8	AVG	No	ECDSA storage violation rate		295
ERAVGTIMESOS	INTTSTP	CPSM	8	AVG	No	Average time spent short-on-storage in ERDSA		348
ERNONIMMGET	BINARY	CPSM	8	AVG	No	Number of ERDSA non-immediate GETMAIN requests		342
ERRATECREL	RATE3	CPSM	8	AVG	No	ERDSA cushion release rate		347
ERRATEEXTSA	RATE3	CPSM	8	AVG	No	ERDSA extent increase rate		350
ERRATEEXTSR	RATE3	CPSM	8	AVG	No	ERDSA extent release rate		351
ERRATEFM	RATE3	CPSM	8	AVG	No	ERDSA FREEMAIN request rate		341
ERRATEGM	RATE3	CPSM	8	AVG	No	ERDSA GETMAIN request rate		340
ERRATESTORV	RATE3	CPSM	8	AVG	No	ERDSA storage violation rate		349
ESAVGTIMESOS	INTTSTP	CPSM	8	AVG	No	Average time spent short-on-storage in ESDSA		330
ESNONIMMGET	BINARY	CPSM	8	AVG	No	Number of ESDSA non-immediate GETMAIN requests		324
ESRATECREL	RATE3	CPSM	8	AVG	No	ESDSA cushion release rate		329
ESRATEEXTSA	RATE3	CPSM	8	AVG	No	ESDSA extent increase rate		332
ESRATEEXTSR	RATE3	CPSM	8	AVG	No	ESDSA extent release rate		333
ESRATEFM	RATE3	CPSM	8	AVG	No	ESDSA FREEMAIN request rate		323
ESRATEGM	RATE3	CPSM	8	AVG	No	ESDSA GETMAIN request rate		322
ESRATESTORV	RATE3	CPSM	8	AVG	No	ESDSA storage violation rate		331
ETAVGTIMESOS	INTTSTP	CPSM	8	AVG	No	Average time spent short-on-storage in ETDSA	E640 E650 E660	458
ETNONIMMGET	BINARY	CPSM	8	AVG	No	Number of ETDSA non-immediate GETMAIN requests	E640 E650 E660	452
ETRATECREL	RATE3	CPSM	8	AVG	No	ETDSA cushion release rate	E640 E650 E660	457
ETRATEEXTSA	RATE3	CPSM	8	AVG	No	ETDSA extent increase rate	E640 E650 E660	460
ETRATEEXTSR	RATE3	CPSM	8	AVG	No	ETDSA extent release rate	E640 E650 E660	461

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
ETRATEFM	RATE3	CPSM	8	AVG	No	ETDSA FREEMAIN request rate	E640 E650 E660	451
ETRATEGM	RATE3	CPSM	8	AVG	No	ETDSA GETMAIN request rate	E640 E650 E660	450
ETRATESTORV	RATE3	CPSM	8	AVG	No	ETDSA storage violation rate	E640 E650 E660	459
EUAVGTIMESOS	INTTSTP	CPSM	8	AVG	No	Average time spent short-on-storage (SOS) in EUDSA		312
EUNONIMMGET	BINARY	CPSM	8	AVG	No	Number of EUDSA non-immediate GETMAIN requests		306
EURATECREL	RATE3	CPSM	8	AVG	No	EUDSA cushion release rate		311
EURATEEXTSA	RATE3	CPSM	8	AVG	No	EUDSA extent increase rate		314
EURATEEXTSR	RATE3	CPSM	8	AVG	No	EUDSA extent release rate		315
EURATEFM	RATE3	CPSM	8	AVG	No	EUDSA FREEMAIN request rate		305
EURATEGM	RATE3	CPSM	8	AVG	No	EUDSA GETMAIN request rate		304
EURATESTORV	RATE3	CPSM	8	AVG	No	EUDSA storage violation rate		313
GCAVGTIMESOS	INTTSTP	CPSM	8	AVG	No	Average time spent short-on-storage (SOS) in GCDSA	E640	389
GCNONIMMGET	BINARY	CPSM	8	AVG	No	Number of GCDSA non-immediate GETMAIN requests	E640	386
GCRATEFM	RATE3	CPSM	8	AVG	No	GCDSA FREEMAIN request rate	E640	385
GCRATEGM	RATE3	CPSM	8	AVG	No	GCDSA GETMAIN request rate	E640	384
GCRATESTORV	RATE3	CPSM	8	AVG	No	GCDSA storage violation rate	E640	390
LPCTCFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in CDSA		212
LPCTECFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in ECDSA		284
LPCTERFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in ERDSA		338
LPCTESFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in ESDSA		320
LPCTETFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in ETDSA	E640 E650 E660	448
LPCTEUFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in EUDSA		302
LPCTRFREE	PERCENT3	CPSM	4	AVG	No	Lowest percentage of free storage in RDSA		266

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
PCTETCSH	PERCENT3	CPSM	4	AVG	No	Percentage of cushion releases in ETDSA	E640 E650 E660	455
PCTETFREE	PERCENT3	CPSM	4	AVG	No	Percentage of free storage in ETDSA	E640 E650 E660	446
PCTETGMF	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN failures in ETDSA	E640 E650 E660	453
PCTETGMP	PERCENT3	CPSM	4	AVG	No	Percentage of GETMAIN requests purged in ETDSA	E640 E650 E660	454
PCTEUCSH	PERCENT3	CPSM	4	AVG	No	Percentage of cushion releases in EUDSA		309
PCTEUFREE	PERCENT3	CPSM	4	AVG	No	Percentage of free storage in EUDSA		300

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
PCTLFAETDSA	PERCENT3	CPSM	4	AVG	No	Largest percentage of free storage in ETDSA	E640 E650 E660	449
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

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
PCTSTGETDSA	PERCENT3	CPSM	4	AVG	No	Percentage of storage above 16MB in ETDSA	E640 E650 E660	444
PCTSTGEUDSA	PERCENT3	CPSM	4	AVG	No	Percentage of storage above 16MB in EUDSA		298
PCTSTGGCDSA	PERCENT3	CPSM	4	AVG	No	Percentage of storage above the bar in GCDSA	E640	382
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
PPCTERFREE	PERCENT3	CPSM	4	AVG	No	Peak percentage of free storage in ERDSA		337
PPCTESFREE	PERCENT3	CPSM	4	AVG	No	Peak percentage of free storage in ESDSA		319
PPCTETFREE	PERCENT3	CPSM	4	AVG	No	Peak percentage of free storage in ETDSA	E640 E650 E660	447
PPCTEUFREE	PERCENT3	CPSM	4	AVG	No	Peak percentage of free storage in EUDSA		301
PPCTRFREE	PERCENT3	CPSM	4	AVG	No	Peak percentage of free storage in RDSA		265
PPCTSFREE	PERCENT3	CPSM	4	AVG	No	Peak percentage of free storage in SDSA		247
PPCTSTGCDSA	PERCENT3	CPSM	4	AVG	No	Peak percentage in CDSA of peak storage below 16MB		209
PPCTSTGECDSA	PERCENT3	CPSM	4	AVG	No	Peak percent in ECDSA of peak storage above 16MB		281
PPCTSTGERDSA	PERCENT3	CPSM	4	AVG	No	Peak percent in ERDSA of peak storage above 16MB		335
PPCTSTGESDSA	PERCENT3	CPSM	4	AVG	No	Peak percent in ESDSA of peak storage above 16MB		317
PPCTSTGETDSA	PERCENT3	CPSM	4	AVG	No	Peak percent in ETDSA of peak storage above 16MB	E640 E650 E660	445
PPCTSTGEUDSA	PERCENT3	CPSM	4	AVG	No	Peak percent in EUDSA of peak storage above 16MB		299

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
SAVGTIMESOS	INTTSTP	CPSM	8	AVG	No	Average time spent short-on-storage (SOS) in SDSA		258
SMSASACTIVE	BINARY	STAT	8	AVG	No	Current address space storage that is addressable	E640	361
SMSATBCUSHLI	BINARY	STAT	8	AVG	No	Cushion limit	E640	366
SMSATBCUSHRE	BINARY	STAT	8	AVG	No	Number of GCDSA cushion releases	E640	365
SMSCASR	BINARY	STAT	4	AVG	No	Number of CDSA ADD_SUBPOOL requests		29
SMSCCREL	BINARY	STAT	4	AVG	No	Number of CDSA cushion releases		35
SMSCCRISS	BINARY	STAT	4	AVG	No	Number of CDSA requests failing with no storage		31
SMSCCSIZE	BINARY	STAT	4	AVG	No	Current CDSA cushion size		26
SMSCCSUBP	BINARY	STAT	4	AVG	No	Current number of CDSA subpools		38
SMSCDSASZ	BINARY	STAT	4	AVG	No	Current size of CDSA		24
SMSCDSR	BINARY	STAT	4	AVG	No	Number of CDSA DELETE_SUBPOOL requests		30
SMSCEXTS	BINARY	STAT	4	AVG	No	Number of extents in the CDSA		44

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSCEXTSA	BINARY	STAT	4	AVG	No	Number of CDSA extents added		45
SMSCEXTSR	BINARY	STAT	4	AVG	No	Number of CDSA extents released		46
SMSCFMREQ	BINARY	STAT	4	AVG	No	Number of CDSA FREEMAIN requests		28
SMSCFSTG	BINARY	STAT	4	AVG	No	Size of CDSA free storage including cushion		39
SMSCGMREQ	BINARY	STAT	4	AVG	No	Number of CDSA GETMAIN requests		27
SMSCHWMFSTG	BINARY	STAT	4	AVG	No	Peak free storage level in the CDSA		40
SMSCHWMSS	BINARY	STAT	4	AVG	No	Peak number of CDSA requests suspended		33
SMSCLFA	BINARY	STAT	4	AVG	No	Largest free area in the CDSA		42
SMSCLWMFSTG	BINARY	STAT	4	AVG	No	Lowest free storage level in the CDSA		41
SMSCPWWS	BINARY	STAT	4	AVG	No	Number of CDSA requests purged		34
SMSCSOS	BINARY	STAT	4	AVG	No	Number of times short-on-storage occurred in CDSA		37
SMSCSSCUM	BINARY	STAT	4	AVG	No	Total number of common subspace users		14
SMSCSSCUR	BINARY	STAT	4	AVG	No	Current number of common subspace users		13
SMSCSSHWM	BINARY	STAT	4	AVG	No	Peak number of common subspace users		15
SMSCSV	BINARY	STAT	4	AVG	No	Number of storage violations in the CDSA		43
SMSCTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short-on-storage in the CDSA		36
SMSCUCSS	BINARY	STAT	4	AVG	No	Number of CDSA requests suspended		32
SMSDSALIMIT	BINARY	STAT	4	AVG	Yes	Current DSA limit		16
SMSDSATOTAL	BINARY	STAT	4	AVG	No	Total storage currently allocated to DSAs		18
SMSECASR	BINARY	STAT	4	AVG	No	Number of ECDSA ADD_SUBPOOL requests		121
SMSECCREL	BINARY	STAT	4	AVG	No	Number of ECDSA cushion releases		127
SMSECCRISS	BINARY	STAT	4	AVG	No	Number of ECDSA requests failing with no storage		123
SMSECCSIZE	BINARY	STAT	4	AVG	No	Current ECDSA cushion size		118
SMSECCSUBP	BINARY	STAT	4	AVG	No	Current number of subpools in the ECDSA		130
SMSECDSASZ	BINARY	STAT	4	AVG	No	Current size of ECDSA		116

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSECDSR	BINARY	STAT	4	AVG	No	Number of ECDSA DELETE_SUBPOOL requests		122
SMSECEXTS	BINARY	STAT	4	AVG	No	Number of ECDSA extents		136
SMSECEXTSA	BINARY	STAT	4	AVG	No	Number of ECDSA extents added		137
SMSECEXTSR	BINARY	STAT	4	AVG	No	Number of ECDSA extents released		138
SMSECFMREQ	BINARY	STAT	4	AVG	No	Number of ECDSA FREEMAIN requests		120
SMSECFSTG	BINARY	STAT	4	AVG	No	Size of ECDSA free storage including cushion		131
SMSECGMREQ	BINARY	STAT	4	AVG	No	Number of ECDSA GETMAIN requests		119
SMSECHWMFSTG	BINARY	STAT	4	AVG	No	Peak ECDSA free storage level		132
SMSECHWMSS	BINARY	STAT	4	AVG	No	Peak number of ECDSA requests suspended		125
SMSECLFA	BINARY	STAT	4	AVG	No	Largest ECDSA free area		134
SMSECLWMFSTG	BINARY	STAT	4	AVG	No	Lowest ECDSA free storage level		133
SMSECPWWS	BINARY	STAT	4	AVG	No	Number of ECDSA requests purged		126
SMSECSOS	BINARY	STAT	4	AVG	No	Number of times short-on-storage occurred in ECDSA		129
SMSECSV	BINARY	STAT	4	AVG	No	Number of ECDSA storage violations		135
SMSECTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short-on-storage in the ECDSA		128
SMSECUCSS	BINARY	STAT	4	AVG	No	Number of ECDSA requests suspended		124
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

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSEREXTSA	BINARY	STAT	4	AVG	No	Number of ERDSA extents added		206
SMSEREXTSR	BINARY	STAT	4	AVG	No	Number of ERDSA extents released		207
SMSERFMREQ	BINARY	STAT	4	AVG	No	Number of ERDSA FREEMAIN requests		189
SMSERFSTG	BINARY	STAT	4	AVG	No	Size of ERDSA free storage including cushion		200
SMSERGMREQ	BINARY	STAT	4	AVG	No	Number of ERDSA GETMAIN requests		188
SMSERHWMFSTG	BINARY	STAT	4	AVG	No	Peak ERDSA free storage level		201
SMSERHWMSS	BINARY	STAT	4	AVG	No	Peak number of ERDSA requests suspended		194
SMSERLFA	BINARY	STAT	4	AVG	No	Largest ERDSA free area		203
SMSERLWMFSTG	BINARY	STAT	4	AVG	No	Lowest ERDSA free storage level		202
SMSERPWWS	BINARY	STAT	4	AVG	No	Number of ERDSA requests purged		195
SMSERSOS	BINARY	STAT	4	AVG	No	Number of times short-on-storage occurred in ERDSA		198
SMSERSV	BINARY	STAT	4	AVG	No	Number of ERDSA storage violations		204
SMSERTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short-on-storage (SOS) in ERDSA		197
SMSERUCSS	BINARY	STAT	4	AVG	No	Number of ERDSA requests suspended		193
SMSESASR	BINARY	STAT	4	AVG	No	Number of ESDSA ADD_SUBPOOL requests		167
SMSESCREL	BINARY	STAT	4	AVG	No	Number of ESDSA cushion releases		173
SMSESCRISS	BINARY	STAT	4	AVG	No	Number of ESDSA requests failing with no storage		169
SMSESCSIZE	BINARY	STAT	4	AVG	No	Current ESDSA cushion size		164
SMSESCSUBP	BINARY	STAT	4	AVG	No	Current number of ESDSA subpools		176
SMSESDSASZ	BINARY	STAT	4	AVG	No	Current size of ESDSA		162
SMSESDSR	BINARY	STAT	4	AVG	No	Number of ESDSA DELETE_SUBPOOL requests		168
SMSESEXTS	BINARY	STAT	4	AVG	No	Number of ESDSA extents		182
SMSESEXTSA	BINARY	STAT	4	AVG	No	Number of ESDSA extents added		183
SMSESEXTSR	BINARY	STAT	4	AVG	No	Number of ESDSA extents released		184
SMSESFMREQ	BINARY	STAT	4	AVG	No	Number of ESDSA FREEMAIN requests		166
SMSESFSTG	BINARY	STAT	4	AVG	No	ESDSA free storage including cushion		177

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSESGMREQ	BINARY	STAT	4	AVG	No	Number of ESDSA GETMAIN requests		165
SMSESHWMFSTG	BINARY	STAT	4	AVG	No	Peak ESDSA free storage level		178
SMSESHWMSS	BINARY	STAT	4	AVG	No	Peak number of ESDSA requests suspended		171
SMSESLFA	BINARY	STAT	4	AVG	No	Largest ESDSA free area		180
SMSESLWMFSTG	BINARY	STAT	4	AVG	No	Lowest ESDSA free storage level		179
SMSESPWWS	BINARY	STAT	4	AVG	No	Number of ESDSA requests purged		172
SMSESSOS	BINARY	STAT	4	AVG	No	Number of times short-on-storage occurred in ESDSA		175
SMSESSV	BINARY	STAT	4	AVG	No	Number of ESDSA storage violations		181
SMSESTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short-on-storage in the ESDSA		174
SMSESUCSS	BINARY	STAT	4	AVG	No	Number of ESDSA requests suspended		170
SMSETASR	BINARY	STAT	4	AVG	No	Number of ETDSA ADD_SUBPOOL requests	E640 E650 E660	425
SMSETCREL	BINARY	STAT	4	AVG	No	Number of ETDSA cushion releases	E640 E650 E660	431
SMSETCRISS	BINARY	STAT	4	AVG	No	Number of ETDSA requests failing with no storage	E640 E650 E660	427
SMSETCSIZE	BINARY	STAT	4	AVG	No	Current ETDSA cushion size	E640 E650 E660	422
SMSETCSUBP	BINARY	STAT	4	AVG	No	Current number of ETDSA subpools	E640 E650 E660	434
SMSETDSASZ	BINARY	STAT	4	AVG	No	Current size of ETDSA	E640 E650 E660	420
SMSETDSR	BINARY	STAT	4	AVG	No	Number of ETDSA DELETE_SUBPOOL requests	E640 E650 E660	426
SMSETEXTS	BINARY	STAT	4	AVG	No	Number of ETDSA extents	E640 E650 E660	440
SMSETEXTSA	BINARY	STAT	4	AVG	No	Number of ETDSA extents added	E640 E650 E660	441
SMSETEXTSR	BINARY	STAT	4	AVG	No	Number of ETDSA extents released	E640 E650 E660	443
SMSETFMREQ	BINARY	STAT	4	AVG	No	Number of ETDSA FREEMAIN requests	E640 E650 E660	424

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSETFSTG	BINARY	STAT	4	AVG	No	Size of ETDSA free storage including cushion	E640 E650 E660	435
SMSETGMREQ	BINARY	STAT	4	AVG	No	Number of ETDSA GETMAIN requests	E640 E650 E660	423
SMSETHWMFSTG	BINARY	STAT	4	AVG	No	Peak ETDSA free storage level	E640 E650 E660	436
SMSETHWMSS	BINARY	STAT	4	AVG	No	Peak number of ETDSA requests suspended	E640 E650 E660	429
SMSETLFA	BINARY	STAT	4	AVG	No	Largest ETDSA free area	E640 E650 E660	438
SMSETLWMFSTG	BINARY	STAT	4	AVG	No	Lowest ETDSA free storage level	E640 E650 E660	437
SMSETPWWS	BINARY	STAT	4	AVG	No	Number of ETDSA requests purged	E640 E650 E660	430
SMSETSOS	BINARY	STAT	4	AVG	No	Number of times short-on-storage occurred in ETDSA	E640 E650 E660	432
SMSETSV	BINARY	STAT	4	AVG	No	Number of ETDSA storage violations	E640 E650 E660	439
SMSETTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short-on-storage (SOS) in ETDSA	E640 E650 E660	433
SMSETUCSS	BINARY	STAT	4	AVG	No	Number of ETDSA requests suspended	E640 E650 E660	428
SMSEUASR	BINARY	STAT	4	AVG	No	Number of EUDSA ADD_SUBPOOL requests		144
SMSEUCREL	BINARY	STAT	4	AVG	No	Number of EUDSA cushion releases		150
SMSEUCRISS	BINARY	STAT	4	AVG	No	Number of EUDSA requests failing with no storage		146
SMSEUCSIZE	BINARY	STAT	4	AVG	No	Current EUDSA cushion size		141
SMSEUCSUBP	BINARY	STAT	4	AVG	No	Current number of EUDSA subpools		153
SMSEUDSASZ	BINARY	STAT	4	AVG	No	Current size of EUDSA		139
SMSEUDSR	BINARY	STAT	4	AVG	No	Number of EUDSA DELETE_SUBPOOL requests		145
SMSEUEXTS	BINARY	STAT	4	AVG	No	Number of EUDSA extents		159
SMSEUEXTSA	BINARY	STAT	4	AVG	No	Number of EUDSA extents added		160
SMSEUEXTSR	BINARY	STAT	4	AVG	No	Number of EUDSA extents released		161

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
SMSEUHWMSS	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
SMSFRMGFLSZ	BINARY	STAT	8	LIKE	No	The largest failing IARV64 CONVERT(FROMGUARD) request	E640 E650 E660	405
SMSFRMGRDFL	BINARY	STAT	8	LIKE	No	Number of IARV64 CONVERT(FROMGUARD) failures	E640 E650 E660	404
SMSGCASR	BINARY	STAT	4	AVG	No	Number of GCDSA ADD_SUBPOOL requests	E640	371
SMSGCCREL	BINARY	STAT	8	LIKE	No	Number of cushion releases	E640 E650 E660	413
SMSGCCRISS	BINARY	STAT	4	AVG	No	Number of GCDSA requests failing with no storage	E640	373
SMSGCCSIZE	BINARY	STAT	8	LIKE	No	Current GCDSA cushion size	E640 E650 E660	412
SMSGCCSS	BINARY	STAT	4	AVG	No	Current requests suspended for GCDSA storage	E640	375
SMSGCCSUBP	BINARY	STAT	4	AVG	No	Current number of subpools in GCDSA	E640	380
SMSGCDSASZ	BINARY	STAT	8	AVG	No	Current size of GCDSA	E640	367
SMSGCDSR	BINARY	STAT	4	AVG	No	Number of GCDSA DELETE_SUBPOOL requests	E640	372
SMSGCFMREQ	BINARY	STAT	4	AVG	No	Number of GCDSA FREEMAIN requests	E640	370

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSGCFSTG	BINARY	STAT	8	LIKE	No	GCDSA Free storage	E640 E650 E660	414
SMSGCGMREQ	BINARY	STAT	4	AVG	No	Number of GCDSA GETMAIN requests	E640	369
SMSGCHWMSS	BINARY	STAT	4	AVG	No	Peak number of GCDSA requests suspended	E640	376
SMSGCLFA	BINARY	STAT	8	LIKE	No	Largest free area in GCDSA	E640 E650 E660	417
SMSGCPWWS	BINARY	STAT	4	AVG	No	Number of GCDSA requests purged	E640	377
SMSGCSOS	BINARY	STAT	4	AVG	No	Number of times short-on-storage occured in GCDSA	E640	378
SMSGCSV	BINARY	STAT	4	AVG	No	Number of GCDSA storage violations	E640	381
SMSGCTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short-on-storage in the GCDSA	E640	379
SMSGCUCSS	BINARY	STAT	4	AVG	No	Number of GCDSA requests suspended	E640	374
SMSGDSAACTIV	BINARY	STAT	8	AVG	No	The current GDSA active	E640	363
SMSGDSAALOC	BINARY	STAT	8	LIKE	No	Current GDSA allocated	E640 E650 E660	406
SMSGDSALIMIT	CNUMERIC	STAT	8	AVG	Yes	Current GDSA limit	E640 E650 E660	442
SMSGDSATOTAL	BINARY	STAT	8	AVG	No	Total storage currently allocated to GDSAs	E640 E650 E660	418
SMSGETSTORSZ	BINARY	STAT	8	AVG	No	The GETSTOR request size	E640	360
SMSHGDSAALC	BINARY	STAT	8	LIKE	No	Peak GDSA allocated	E640 E650 E660	407
SMSHPGSNREAL	BINARY	STAT	8	LIKE	No	Peak number of real storage frames to back 64-bit private memory	E640 E650 E660	409
SMSHVAXSLTS	BINARY	STAT	8	LIKE	No	Number of aux slots used to back 64-bit private storage	E640 E650 E660	399
SMSHVGAXSTS	BINARY	STAT	8	LIKE	No	Peak number of aux slots used to back 64-bit private storage	E640 E650 E660	400
SMSHWMASACT	BINARY	STAT	8	AVG	No	Peak address space that can be addressed	E640	362
SMSHWMCDSA	BINARY	STAT	4	AVG	No	Peak size of CDSA		25
SMSHWMDSATOT	BINARY	STAT	4	AVG	No	Peak amount of storage allocated to DSAs		20
SMSHWMECDSA	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

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSHWMESDSA	BINARY	STAT	4	AVG	No	Peak size of ESDSA		163
SMSHWMETDSA	BINARY	STAT	4	AVG	No	Peak size of ETDSA	E640 E650 E660	421
SMSHWMEUDSA	BINARY	STAT	4	AVG	No	Peak size of EUDSA		140
SMSHWMGCDSA	BINARY	STAT	8	AVG	No	Peak size of GCDSA	E640	368
SMSHWMGCFSTG	BINARY	STAT	8	LIKE	No	Peak amount of GCDSA free storage (inc cushion)	E640 E650 E660	415
SMSHWMGDSAAC	BINARY	STAT	8	AVG	No	The peak amount of storage available for use above the bar	E640	364
SMSHWMGDSATO	BINARY	STAT	8	AVG	No	Peak amount of storage allocated to GDSAs	E640 E650 E660	419
SMSHWMRDSA	BINARY	STAT	4	AVG	No	Peak size of RDSA		94
SMSHWMSDSA	BINARY	STAT	4	AVG	No	Peak size of SDSA		71
SMSHWMUDSA	BINARY	STAT	4	AVG	No	Peak size of UDSA		48
SMSLRGMEMOBJ	BINARY	STAT	8	LIKE	No	Number of Large Memory Objects allocated	E640 E650 E660	410
SMSLRGPGBNRL	BINARY	STAT	8	LIKE	No	Number of Large Pages owned by this address space	E640 E650 E660	411
SMSLVABYTES	BINARY	STAT	8	LIKE	No	Number of bytes allocated from large virtual memory	E640 E650 E660	395
SMSLVGBYTES	BINARY	STAT	8	LIKE	No	Peak number of usable bytes within large virtual memory objects	E640 E650 E660	397
SMSLVHBYTES	BINARY	STAT	8	LIKE	No	Number of bytes hidden with large virtual memory objects	E640 E650 E660	396
SMSLVNMOMBS	BINARY	STAT	8	LIKE	No	Number of private memory objects allocated	E640 E650 E660	398
SMSLVSHRBTS	BINARY	STAT	8	LIKE	No	Number of shared bytes allocated from high virtual memory	E640 E650 E660	401
SMSLVSHRGBS	BINARY	STAT	8	LIKE	No	Peak number of shared bytes within large virtual memory objects	E640 E650 E660	402
SMSLVSHRNMO	BINARY	STAT	8	LIKE	No	Number of shared memory objects allocated	E640 E650 E660	403
SMSLWMGCFSTG	BINARY	STAT	8	LIKE	No	Lowest amount of GCDSA free storage (inc cushion)	E640 E650 E660	416
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							

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSNPAGP	BINARY	STAT	2	AVG	No	Number of page pools		5
SMSPGSINREAL	BINARY	STAT	8	LIKE	No	Number of real storage frames used for 64-bit private memory	E640 E650 E660	408
SMSRASR	BINARY	STAT	4	AVG	No	Number of RDSA ADD_SUBPOOL requests		98
SMSRCREL	BINARY	STAT	4	AVG	No	Number of RDSA cushion releases		104
SMSRCRISS	BINARY	STAT	4	AVG	No	Number of RDSA requests failing with no storage		100
SMSRCSIZE	BINARY	STAT	4	AVG	No	Current RDSA cushion size		95
SMSRCSUBP	BINARY	STAT	4	AVG	No	Current number of RDSA subpools		107
SMSRDSASZ	BINARY	STAT	4	AVG	No	Current size of RDSA		93
SMSRDSR	BINARY	STAT	4	AVG	No	Number of RDSA DELETE_SUBPOOL requests		99
SMSRENTPGM	EYUDA	STAT	4	LIKE	No	Reentrant program protection status		8
SMSRENTPGM Output valid values	REENTPROT, NOREENTPROT							
SMSREXTS	BINARY	STAT	4	AVG	No	Number of RDSA extents		113
SMSREXTSA	BINARY	STAT	4	AVG	No	Number of RDSA extents added		114
SMSREXTSR	BINARY	STAT	4	AVG	No	Number of RDSA extents released		115
SMSRFMREQ	BINARY	STAT	4	AVG	No	Number of RDSA FREEMAIN requests		97
SMSRFSTG	BINARY	STAT	4	AVG	No	Size of RDSA free storage including cushion		108
SMSRGMREQ	BINARY	STAT	4	AVG	No	Number of RDSA GETMAIN requests		96
SMSRHWMFSTG	BINARY	STAT	4	AVG	No	Peak RDSA free storage level		109
SMSRHWMSS	BINARY	STAT	4	AVG	No	Peak number of RDSA requests suspended		102
SMSRLFA	BINARY	STAT	4	AVG	No	Largest RDSA free area		111
SMSRLWMFSTG	BINARY	STAT	4	AVG	No	Lowest RDSA free storage level		110
SMSRPWWS	BINARY	STAT	4	AVG	No	Number of RDSA requests purged		103
SMSRQWAITMVS	BINARY	STAT	4	AVG	No	Number of requests for MVS storage causing wait		355
SMSRSOS	BINARY	STAT	4	AVG	No	Number of times short-on-storage occurred in RDSA		106
SMSRSV	BINARY	STAT	4	AVG	No	Number of RDSA storage violations		112
SMSRTSOS	INTTSTP	STAT	8	AVG	No	Total time spent short-on-storage in the RDSA		105

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
SMSSFMREQ	BINARY	STAT	4	AVG	No	Number of SDSA FREEMAIN requests		74
SMSSFSTG	BINARY	STAT	4	AVG	No	Size of SDSA free storage including cushion		85
SMSSGMREQ	BINARY	STAT	4	AVG	No	Number of SDSA GETMAIN requests		73
SMSSHWMFSTG	BINARY	STAT	4	AVG	No	Peak SDSA free storage level		86
SMSSHWMSS	BINARY	STAT	4	AVG	No	Peak number of SDSA requests suspended		79
SMSSLFA	BINARY	STAT	4	AVG	No	Largest SDSA free area		88
SMSSLWMFSTG	BINARY	STAT	4	AVG	No	Lowest SDSA free storage level		87
SMSSOSABAR	CVDAS	INQ	4	LIKE	No	Above the bar SOS indicator	E640	391
SMSSOSABAR Output valid values	SOS, NOTSOS							
SMSSOSALINE	CVDAS	INQ	4	LIKE	No	Above the line SOS indicator	E640	392
SMSSOSALINE Output valid values	SOS, NOTSOS							
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

Table 68. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
SMSUHWMSS	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 for pooled JVMs.

There is no key field for this resource class.

The following actions are supported:

PHASEOUT

Mark pooled JVMs for deletion.

PURGE

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

FORCEPURGE

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

START

Start the shared class cache for pooled JVMs.

RELOAD

Reload the shared class cache for pooled JVMs.

External resource name

CICSJVMClassCache

Length

80

Usage API or 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)	No
	PURGE	AUTOSTARTST(ENABLED|DISABLED)	No
	FORCEPURGE	AUTOSTARTST(ENABLED|DISABLED)	No
	START	CACHESIZE(value)	No
		PROFILE(value)	No
	RELOAD	CACHESIZE(value)	No
		PROFILE(value)	No

Table 70. CLCACHE resource table attributes

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

Table 70. CLCACHE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
AUTOSTARTST	CVDAS	INQ	4	LIKE	Yes	Autostart status	ENABLED		3
AUTOSTARTST Input/output valid values	ENABLED, DISABLED								
CACHEFREE	BINARY	INQ	8	AVG	No	Amount in bytes, of free space within the cache			7
CACHESIZE	BINARY	INQ	8	AVG	No	Size of the class cache in bytes			6
JVMREQSCACHE	BINARY	STAT	4	AVG	No	JVM requests - class cache			13
OLDCACHES	BINARY	INQ	4	AVG	No	Number of class caches waiting for JVMs to terminate			4
PEAKCACHEJVM	BINARY	STAT	4	AVG	No	Peak pooled (class cache) JVMs			12
PHASINGOUT	BINARY	INQ	4	AVG	No	Number of JVMs being phased-out			2
PROFILE	CHAR	INQ	8	DIFF	No	Profile used to start or used to reload the cache		E660PLUS	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 theCMAS 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

SECREBUILD

Rebuild the ESM Security profiles

These actions require no unique parameter data.

External resource name

CICSCICSManagingAddressSpaceList

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

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)	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
ACCESSTYPE Output valid values	N_A, LOCAL, ADJACENT, INDIRECT						
`CMASNAME-1`	CHAR	CPSM	8	DIFF	Yes	CMAS	4
CPSMVER	CHAR	CPSM	4	DIFF	No	CPSM version of CMAS	7
JOBID	CHAR	CPSM	8	DIFF	No	MVS job ID	12
JOBNAME	CHAR	CPSM	8	DIFF	No	MVS job name	11
STATUS	EYUDA	CPSM	4	LIKE	No	Status of CMAS	8
STATUS Output valid values	N_A, INACTIVE, ACTIVE, LOSTCON, CREATING						
SYSID	CHAR	CPSM	4	DIFF	No	CICS system ID	6
TRANSITCMAS	CHAR	CPSM	8	DIFF	No	First transit CMAS	5
TRANSITCNT	BINARY	CPSM	2	AVG	No	Number of transit CMASs	10

CMASPLEX Resource Table

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

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

The following actions are supported:

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

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

These action require no unique parameter data.

Length
48

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
EYUt2452

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	Maintenance point CMAS		18
`MPSTATE-2`	EYUDA	CPSM	4	LIKE	No	State of MP CMAS		19
MPSTATE-2 Output valid values	VALID, INVALID, NOTCONNECTED							
MPSTATUS	EYUDA	CPSM	4	LIKE	No	CMAS is maintenance point		5
MPSTATUS Output valid values	YES, NO							
PERFINTVL	BINARY	CPSM	2	AVG	No	Performance interval duration		7
`PLEXNAME-1`	CHAR	CPSM	8	DIFF	Yes	CICSplex		4
READRS	BINARY	CPSM	2	DIFF	No	RS server read interval	200	13
RSPOOLID	CHAR	CPSM	8	DIFF	No	RS server pool name	DFHRSTAT	17
TMEZONE	CHAR	CPSM	1	DIFF	No	Time zone		10
TMEZONEO	BINARY	CPSM	1	AVG	No	Time zone offset		9
TOPRSUPD	BINARY	CPSM	1	DIFF	No	RS server top tier	5	15
UPDATERS	BINARY	CPSM	1	DIFF	No	RS server update frequency	15	14

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
344

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
	RESETTIME	None	N/A
	CPSMDUMP	ASID(value)	No
		BAS	No

Table 76. Valid CPSM operations (continued)

		CHE	No
		COM	No
		DAT	No
		KNL	No
		MAS	No
		MON	No
		MSG	No
		QUE	No
		RTA	No
		SIM	No
		SLM	No
		SRV	No
		TOP	No
		TRC	No
		WLM	No
	COMMAND	CMDTEXT(value)	Yes

Table 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
24	INV_CMDTEXT	Command text 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
`CMASNAME-1`	CHAR	CPSM	8	DIFF	Yes	CMAS		4

Table 78. CMAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
COMTRACE	BITSTRIP	CPSM	4	AVG	Yes	Communications trace flags		40
CPSMVER	CHAR	CPSM	4	DIFF	No	CPSM version of CMAS		10
CPUTIME	INTUSEC	CPSM	8	MAX	No	Total CPU time used		12
CURRTASKS	BINARY	STAT	2	AVG	No	Current number of tasks		29
DATTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Data repository services trace flags		38
DAYLIGHT	EYUDA	CPSM	4	LIKE	Yes	Daylight saving time		58
DAYLIGHT Input/output valid values	YES, NO							
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							
JOBID	CHAR	CPSM	8	DIFF	No	MVS job ID		71
JOBNAME	CHAR	CPSM	8	DIFF	No	MVS job name		5
KNLTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Kernel linkage trace flags		33
MAXSTCB	BINARY	CPSM	4	AVG	No	Maximum number of STCBs allocated		57
MAXTASK	BINARY	STAT	4	AVG	Yes	Maximum number of active and suspended tasks		45
MAXTCNT	BINARY	STAT	2	AVG	No	Number of times maximum task limit reached		32
MEMLIMIT	CNUMERIC	INQ	8	LIKE	No	Maximum amount of storage above the bar	E640	67
MONMCONN	BINARY	CPSM	4	AVG	No	Number of pending connection-monitoring queues		49

Table 78. CMAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
MONMFILE	BINARY	CPSM	4	AVG	No	Number of pending file-monitoring queues		50
MONMJRNL	BINARY	CPSM	4	AVG	No	Number of pending journal-monitoring queues		51
MONMPROG	BINARY	CPSM	4	AVG	No	Number of pending program-monitoring queues		52
MONMSYS	BINARY	CPSM	4	AVG	No	Number of pending global-monitoring queues		56
MONMTDQ	BINARY	CPSM	4	AVG	No	Number of pending TD-monitoring queues		55
MONMTERM	BINARY	CPSM	4	AVG	No	Number of pending terminal-monitoring queues		53
MONMTRAN	BINARY	CPSM	4	AVG	No	Number of pending transaction-monitoring queues		54
MONTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Monitoring trace flags		42
MSGTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Message services trace flags		35
MVSLOC	CHAR	CPSM	4	DIFF	No	MVS system ID		7
NETALERT	BINARY	CPSM	8	AVG	No	Number of Netview alerts sent		60
NETVPPI	EYUDA	CPSM	4	LIKE	Yes	Netview PPI to be used		59
NETVPPI Input/output valid values	YES, NO							
PAGEIN	BINARY	CPSM	4	AVG	No	Number of page-in requests		13
PAGEOUT	BINARY	CPSM	4	AVG	No	Number of page-out requests		14
PEAKAMAX	BINARY	STAT	2	AVG	No	Peak number of user tasks eligible for dispatch		31
QUETRACE	BITSTRIP	CPSM	4	LIKE	Yes	Queue services trace flags		39
REALSTG	BINARY	CPSM	4	AVG	No	Real storage in use		15
RODMNAME	CHAR	CPSM	8	DIFF	No	Resource status facility name		63
RTATRACE	BITSTRIP	CPSM	4	LIKE	Yes	Real time analysis (RTA) trace flags		43
SDUMP	EYUDA	CPSM	4	LIKE	Yes	System dump option		62
SDUMP Input/output valid values	YES, NO, NEVER							
SOSABOVEBAR	CVDAS	INQ	4	LIKE	No	Short on storage status above the bar	E640	68
SOSABOVEBAR Output valid values	SOS, NOTSOS							
SOSABOVELINE	CVDAS	INQ	4	LIKE	No	Short on storage status above the line	E640	69
SOSABOVELINE Output valid values	SOS, NOTSOS							
SOSBELOWLINE	CVDAS	INQ	4	LIKE	No	Short on storage status below the line	E640	70

Table 78. CMAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SOSBELOWLINE Output valid values	SOS, NOTSOS							
SRVTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Common services trace flags		36
STRTTIME	TIMESTP	CPSM	8	MAX	No	Local time at which CMAS was started		11
SYSID	CHAR	CPSM	4	DIFF	No	CICS system ID		8
SYSTEMSTATUS	CVDAS	INQ	4	LIKE	Yes	System trace status		22
SYSTEMSTATUS Input/output valid values	SYSTEMON, SYSTEMOFF							
TIMEZONE	CHAR	CPSM	1	DIFF	Yes	CMAS time zone		46
TOPTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Topology trace flags		41
TOTLTASKS	BINARY	STAT	4	AVG	No	Total number of CICS tasks run in CMAS		28
TRATRACE	BITSTRIP	CPSM	4	LIKE	Yes	Trace services trace flags		34
USERSTATUS	CVDAS	INQ	4	LIKE	Yes	User trace status		23
USERSTATUS Input/output valid values	USERON, USEROFF							
VTAMACB	CVDAS	INQ	4	LIKE	Yes	VTAM ACB open status		19
VTAMACB Input/output valid values	OPEN, CLOSED							
VTAMACB Input valid values	IMMCLOSE, FORCECLOSE							
VTAMACB Output valid values	CLOSING, IMMCLOSING, FORCECLOSING							
WLMTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Workload management trace flags		44
XCFGROUP	CHAR	INQ	8	LIKE	No	XCF group ID	E640	65
ZONEOFFS	BINARY	CPSM	1	DIFF	Yes	CMAS time zone offset		47

CMDMPAPS Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
        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
`CMASNAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Primary CMAS	5
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	8
`SPEC-2`	CHAR	CPSM	8	Yes	DIFF	Yes	Analysis point specification	6

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	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	7
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	10
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	9
`CMASNAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Secondary CMAS	5
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	8
`SPEC-2`	CHAR	CPSM	8	Yes	DIFF	Yes	Analysis point specification	6

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	CVDAS	INQ	4	LIKE	Yes	Add option			2
ADD Input/output valid values	ADDABLE, NOTADDABLE								
ADDCNT	BINARY	STAT	4	AVG	No	Number of WRITE requests			26
ADDFRREAD	BINARY	STAT	4	AVG	No	Number of records added to table by READ requests			34
ADDREJ	BINARY	STAT	4	AVG	No	Number of add requests rejected by user exit			36
ADDREQ	BINARY	STAT	4	AVG	No	Number of records added from WRITE requests			35
ADDTFULL	BINARY	STAT	4	AVG	No	Number of add requests rejected when table full			37
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	76
BROWSE	CVDAS	INQ	4	LIKE	Yes	Browse option			3
BROWSE Input/output valid values	BROWSABLE, NOTBROWSABLE								
BROWSECNT	BINARY	STAT	4	AVG	No	Number of READNEXT and READPREV requests			25
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	68

Table 87. CMDT 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, TABLE, SYSTEM, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	69
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	70
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	67
CONTENTION	CNUMERIC	STAT	4	AVG	No	Number of CFDT contentions			66
CURCOUNT	BINARY	STAT	4	AVG	No	Current number of records in data table file			41
DATASETTYPE	CHAR	STAT	1	DIFF	No	Data set type			60
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	71
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	72
DELETE	CVDAS	INQ	4	LIKE	Yes	Delete option			4
DELETE Input/output valid values	DELETABLE, NOTDELETABLE								
DELETEREQ	BINARY	STAT	4	AVG	No	Number of DELETE requests			39
DEXCPCNT	BINARY	STAT	4	AVG	No	Number of I/O operations on data component			29
DISPOSITION	CVDAS	INQ	4	LIKE	Yes	Disposition of associated data set			5
DISPOSITION Input/output valid values	OLD, SHARE								
DSNAME	CHAR	INQ	44	DIFF	Yes	Data set name			6
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enablement status			7
ENABLESTATUS Input/output valid values	ENABLED, DISABLED								
ENABLESTATUS Output valid values	UNENABLED, DISABLING, UNENABLING								
FILE-1	CHAR	INQ	8	DIFF	Yes	File ID			1
FWDRECSTATUS	CVDAS	INQ	4	LIKE	No	Forward recovery option			8
FWDRECSTATUS Output valid values	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

Table 87. CMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
IEXCPCNT	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								
LOCDELCNT	BINARY	STAT	4	AVG	No	Number of DELETE requests			28
LSRPOOLID	BINARY	INQ	2	MAX	Yes	LSR Pool number			53
MAXNUMRECS	BINARY	INQ	4	AVG	Yes	Maximum number of records table can hold			11
MAXTSIZE	BINARY	STAT	4	AVG	No	Maximum table size			40
NUMACTSTRING	BINARY	STAT	2	AVG	No	Number of active strings			56
NUMDATBUFF	BINARY	STAT	2	AVG	No	Number of data buffers			54
NUMINDEXBUFF	BINARY	STAT	2	AVG	No	Number of index buffers			55
NUMSTRINGWT	BINARY	STAT	2	AVG	No	Number of active string waits			59
OPENSTATUS	CVDAS	INQ	4	LIKE	Yes	Open status			12
OPENSTATUS Input/output valid values	OPEN, CLOSED								
OPENSTATUS Output valid values	OPENING, CLOSING, CLOSEREQUEST								
POOLNAME	CHAR	INQ	8	DIFF	Yes	CFDT pool name			62
READ	CVDAS	INQ	4	LIKE	Yes	Read option			13
READ Input/output valid values	READABLE, NOTREADABLE								
READRETRY	BINARY	STAT	4	AVG	No	Number of read retries			42
READS	BINARY	STAT	4	AVG	No	Number of successful reads			32
RECNOTFND	BINARY	STAT	4	AVG	No	Total number of records not found in table			33
RECORDFORMAT	CVDAS	INQ	4	LIKE	No	Record format			14
RECORDFORMAT Output valid values	FIXED, VARIABLE, UNDEFINED								
RECORDSIZE	BINARY	INQ	4	AVG	No	Record size			15

Table 87. CMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
RECOVSTATUS	CVDAS	INQ	4	LIKE	No	Recovery type			16
RECOVSTATUS Output valid values	RECOVERABLE, NOTRECOVABLE								
REWRITE	BINARY	STAT	4	AVG	No	Number of REWRITE requests			38
STGALCINU	BINARY	STAT	4	AVG	No	Total storage in use (kilobytes)			44
STGALCTOT	BINARY	STAT	4	AVG	No	Total storage allocated (kilobytes)			43
STGDTAINU	BINARY	STAT	4	AVG	No	Storage in use for record data (kilobytes)			50
STGDTATOT	BINARY	STAT	4	AVG	No	Storage allocated for record data (kilobytes)			49
STGENTINU	BINARY	STAT	4	AVG	No	Storage in use for record entry blocks (KB)			46
STGENTTOT	BINARY	STAT	4	AVG	No	Storage allocated for record entry blocks (KB)			45
STGIDXINU	BINARY	STAT	4	AVG	No	Storage in use for index (kilobytes)			48
STGIDXTOT	BINARY	STAT	4	AVG	No	Storage allocated for index (kilobytes)			47
STRINGS	BINARY	INQ	4	AVG	Yes	Number of strings			17
TABLE	CVDAS	INQ	4	LIKE	Yes	Type of data table			18
TABLE Input/output valid values	CICSTABLE, USERTABLE, CFTABLE, NOTTABLE								
TABLE Output valid values	NOTAPPLIC								
TABLENAME	CHAR	INQ	8	DIFF	Yes	CFDT table name			63
TIMECLOSE	DECTSTP	STAT	4	MAX	No	Local time file was closed			22
TIMEOPEN	DECTSTP	STAT	4	MAX	No	Local time file was opened			21
UPDATE	CVDAS	INQ	4	LIKE	Yes	Update option			20
UPDATE Input/output valid values	UPDATABLE, NOTUPDATABLE								
UPDATECNT	BINARY	STAT	4	AVG	No	Number of REWRITE requests			27
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	Install to CICS CSD failed

Table 89. CMTCMDEF FEEDBACK error codes (continued)

24	CEDA_FAILURE_MOVE	Move 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_METH_STATUS	Unexpected return code from internal program call	33	TIMEOUT	Timeout
34	MISMATCH_TARGNAME	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/Applid	37	CRTE_FAILURE_DEFN	Creating the CICS CONNECTION or SESSION failed
38	CRTE_FAILURE_COMP	Completing the CICS connection failed	39	CRTE_FAILURE_DISC	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	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			19
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			22
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			21
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			20
DESC	CHAR	CPSM	58	No	DIFF	No	Description			12
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	18
MODENAME	CHAR	CPSM	8	No	DIFF	No	LU 6.2 mode			9
PROTOCOL	EYUDA	CPSM	4	Yes	LIKE	No	Link protocol			8
PROTOCOL Input/output valid values	LU62, MRO									
RECVBUF	BINARY	CPSM	2	Yes	AVG	No	Receive buffer size		256-30720	14
RECVPFX	CHAR	CPSM	2	No	DIFF	No	MRO receive prefix			10
SECATTACH	CHAR	CPSM	16	Yes	DIFF	No	Type of attach-time security to be used			15
SECATTACH Input/output valid values	LOCAL, IDENTIFY									
SECNAME	CHAR	CPSM	8	No	DIFF	No	User ID of remote system for security purposes			16

Table 90. CMTCMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
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
`TARGETNAME-1`	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

Table 91. Valid CPSM operations (continued)

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

Table 92. CMTCMLNK 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	RECNAME_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. CMTCMLNK resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
APPLID	CHAR	CPSM	8	DIFF	No	Application ID	24
CBYTRCVD	BINARY	CPSM	8	AVG	No	Number of bytes received (compressed)	19
CBYTSENT	BINARY	CPSM	8	AVG	No	Number of bytes sent (compressed)	14
CICSCONN	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
MALSSENT	BINARY	CPSM	8	AVG	No	Total requests sent	10
MSGSRCVD	BINARY	CPSM	8	AVG	No	Number of message packets received	16
MSGSSENT	BINARY	CPSM	8	AVG	No	Number of message packets sent	11
`NAME-1`	CHAR	CPSM	8	DIFF	Yes	Target CMAS	4
PROTOCOL	EYUDA	CPSM	4	LIKE	No	Link protocol	6
PROTOCOL Output valid values	LU62, MRO						
RCVCLK	INTUSEC	CPSM	8	MAX	No	Cumulative time to receive CICSPlex SM service requests	23
SCHEDCLK	INTUSEC	CPSM	8	MAX	No	Cumulative time to schedule CICSPlex SM service requests	20

Table 93. CMTCMLNK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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

CMTPMLNK 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. CMTPMLNK 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
> CICSCMASToMASLink

Length
> 160

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
> EYUt2445

Table 94. Valid CPSM operations

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

Table 95. CMTPMLNK 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	RECNAME_MISSING	Record name missing
27	PLEXNAME_MISSING	CICSplex name missing			

Table 96. CMTPMLNK resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
APPLID	CHAR	CPSM	8	DIFF	No	VTAM application ID	25
CBYTRCVD	BINARY	CPSM	8	AVG	No	Number of bytes received (compressed)	19
CBYTSENT	BINARY	CPSM	8	AVG	No	Number of bytes sent (compressed)	14
CICSCONN	CVDAS	INQ	4	LIKE	No	CICS connection status	7
CICSCONN Output valid values	RELEASED, OBTAINING, ACQUIRED, FREEING, AVAILABLE						
CICSSERV	CVDAS	INQ	4	LIKE	No	CICS service status	8
CICSSERV Output valid values	INSERVICE, OUTSERVICE, GOINGOUT						
CPSMCONN	EYUDA	CPSM	4	LIKE	No	CICSPlex SM connection status	9
CPSMCONN Output valid values	CONACT, RESET, PENDING						
EXECCLK	INTUSEC	CPSM	8	MAX	No	Total execution time for CICSPlex SM service requests	22
MALSRCVD	BINARY	CPSM	8	AVG	No	Number of service requests and responses received	15
MALSSENT	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
MSGSSENT	BINARY	CPSM	8	AVG	No	Number of message packets sent	11
`NAME-1`	CHAR	CPSM	8	DIFF	Yes	MAS name	4
PLEXNAME	CHAR	CPSM	8	DIFF	No	Name of CICSplex which MAS belongs to	24
PROTOCOL	EYUDA	CPSM	4	LIKE	No	Link protocol	6
PROTOCOL Output valid values	LU62, MRO, ESSS						
RCVCLK	INTUSEC	CPSM	8	MAX	No	Total receive time for CICSPlex SM service requests	23

Table 96. CMTPMLNK 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 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
> EYUt6145

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
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	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
`CONNGROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
`CONNNAME-2`	CHAR	CPSM	8	Yes	DIFF	Yes	Connection definition name	6
`CONNVER-3`	BINARY	CPSM	1	Yes	AVG	Yes	Connection definition version	7
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9

CONNDEF Resource Table

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

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

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

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

The following actions are supported:

INSTALL
> Install a Connection Definition.
>
> The parameter data for the INSTALL action is described in "Parameters for installing CICS definitions using BAS" on page 17.

External resource name
> CICSDefinitionISCMROConnection

Length
> 408

Usage API or Batch Utility or 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
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 101. CONNDEF FEEDBACK error codes (continued)

23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	REFASSGN_REQ	Referenced resource assignment required	52	REFASSIGN_NOTFND	Referenced resource assignment not found
53	SESS_NOTINSTL	Session not installed	54	NODEFS_SELECTED	No definitions selected
55	MORE_THAN_1_RELSYS	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
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 access error			

Table 102. CONNDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ACCESSMETHOD	CVDAS	CPSM	4	Yes	LIKE	No	Access method	VTAM			9
ACCESSMETHOD Input/output valid values	VTAM, IRC, INDIRECT, XM, NETBIOS, TCPIP										
ATTACHSEC	EYUDA	CPSM	4	Yes	LIKE	No	Level of attach-time security	LOCAL			10
ATTACHSEC Input/output valid values	LOCAL, IDENTIFY, MIXIDPE, PERSISTENT, VERIFY										
AUTOCONNECT	EYUDA	CPSM	4	Yes	LIKE	No	Autoconnect sessions for VTAM	NO			11

Table 102. CONNDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
AUTOCONNECT Input/output valid values	NO, ALL, YES										
BINDPASSWORD	HIDCHAR	CPSM	16	No	DIFF	No	Bind password			E410PLT2S	12
BINDSECURITY	EYUDA	CPSM	4	Yes	LIKE	No	Bind time security	NO			13
BINDSECURITY Input/output valid values	YES, NO										
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	50
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	52
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	51
CONNPRIORITY	CHAR	CPSM	4	No	DIFF	No	Connection priority	86	0-255	EALL	30
CONNTYPE	CVDAS	CPSM	4	Yes	LIKE	No	Nature of connection	NOTAPPLIC			14
CONNTYPE Input/output valid values	GENERIC, SPECIFIC, NOTAPPLIC, APPC, NETBIOS, TCPIP										
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				33
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	54
DATASTREAM	EYUDA	CPSM	4	Yes	LIKE	No	Data stream type	USER			15
DATASTREAM Input/output valid values	USER, LMS, SCS, STRFIELD, 3270										
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		49
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				37
INDSYS	CHAR	CPSM	4	No	DIFF	No	Intermediate system name				16
INSERVICE	EYUDA	CPSM	4	Yes	LIKE	No	Connection status	YES			17
INSERVICE Input/output valid values	YES, NO										
LOCLHOSTNAME	CHAR	CPSM	40	No	DIFF	No	TCP/IP local host name			EALL	46
LUALIAS	CHAR	CPSM	8	No	DIFF	No	Local logical unit alias name			EALL	31
MAXQTIME	CHAR	CPSM	8	No	DIFF	No	Maximum queue time	NO	0-9999		18
MAXQTIME Input/output valid values	NO										

Table 102. CONNDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
MODENAME	CHAR	CPSM	8	No	DIFF	No	Communication mode name			EALL	43
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
NETBIOSADAPT	CHAR	CPSM	1	No	DIFF	No	NETBIOS logical LAN adapter		0-1	EALL	44
NETBIOSADAPT Input/output valid values	B										
NETNAME	CHAR	CPSM	8	No	DIFF	No	Network name				19
PARTCODEPAGE	CHAR	CPSM	6	No	DIFF	No	Partner code page	37	1-99999	EALL	42
PARTLUALIAS	CHAR	CPSM	8	No	DIFF	No	Partner logical unit alias name			EALL	32
PROTOCOL	CVDAS	CPSM	4	Yes	LIKE	No	Protocol	APPC			20
PROTOCOL Input/output valid values	APPC, EXCI, LU61, NOTAPPLIC, N_A										
PSRECOVERY	EYUDA	CPSM	4	Yes	LIKE	No	Persistent session recovery	SYSDEFAULT			21
PSRECOVERY Input/output valid values	NONE, SYSDEFAULT, N_A										
QUEUELIMIT	CHAR	CPSM	8	No	DIFF	No	Queue limit	NO	0-9999		22
QUEUELIMIT Input/output valid values	NO										
RECORDFORMAT	EYUDA	CPSM	4	Yes	LIKE	No	Record format	U			23
RECORDFORMAT Input/output valid values	U, VB										
REMOTENAME	CHAR	CPSM	4	No	DIFF	No	Connection name in remote system				24
REMOTESYSNET	CHAR	CPSM	8	No	DIFF	No	Net name of the owning TOR				25
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	No	Remote connection name				26
REMSYSAPPLID	CHAR	CPSM	8	No	DIFF	No	NETBIOS remote system application ID			EALL	45
REMTHOSTNAME	CHAR	CPSM	40	No	DIFF	No	TCP/IP remote host name			EALL	47
REMTHOSTPORT	CHAR	CPSM	6	No	DIFF	No	TCP/IP remote host port	1435	1-65535	EALL	48
REMTHOSTPORT Input/output valid values	*										
SECURITYNAME	CHAR	CPSM	8	No	DIFF	No	Security name for remote system				27
SESSBUFFSIZE	CHAR	CPSM	6	No	DIFF	No	Maximum session buffer size	16384	512-40000	EALL	40
SESSCOUNT	CHAR	CPSM	2	No	DIFF	No	Number of concurrently active sessions	1	1-99	EALL	41

Table 102. CONNDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
SINGLESESS	EYUDA	CPSM	4	Yes	LIKE	No	APPC terminal on single session APPC link	NO			28
SINGLESESS Input/output valid values	YES, NO, N_A										
USEDFLTUSER	EYUDA	CPSM	4	Yes	LIKE	No	Use default user ID	N_A			39
USEDFLTUSER Input/output valid values	NO, YES, N_A										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				34
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				35
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				36
XLNACTION	EYUDA	CPSM	4	Yes	LIKE	No	Exchange lognames (XLN) action	N_A			29
XLNACTION Input/output valid values	KEEP, FORCE, N_A										

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

Table 103. Valid CPSM operations (continued)

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			
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
BIDSSENT	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								

Table 104. CONNECT 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	72
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	73
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	71
CONCURBIDS	BINARY	STAT	2	AVG	No	Number of bids currently in progress			15
CONNCREATIME	TIMESTP	STAT	8	MAX	No	Local connection create time			51
CONNDELETIME	TIMESTP	STAT	8	MAX	No	Local connection delete time			53
CONNSTATUS	CVDAS	INQ	4	LIKE	Yes	Connection status			5
CONNSTATUS Input/output valid values	RELEASED, ACQUIRED								
CONNSTATUS Output valid values	OBTAINING, FREEING, AVAILABLE, NOTAPPLIC								
CONNTYPE	CVDAS	INQ	4	LIKE	No	External CICS interface type			35
CONNTYPE Output valid values	SPECIFIC, GENERIC, NOTAPPLIC								
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	74
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	75
DLIFUNCSHIP	BINARY	STAT	4	AVG	No	Number of DL/I function ships			30
DPLFUNCSHIP	BINARY	STAT	4	AVG	No	Number of Distributed Program Link function ships			58
ESTICCHNL	BINARY	STAT	4	AVG	No	Interval Control FS start requests with channels			64
ESTICCHNRCVD	BINARY	STAT	8	AVG	No	Number of bytes received on START channel requests			66
ESTICCHNSENT	BINARY	STAT	8	AVG	No	Number of bytes sent on START channel requests			65
ESTPCCHNL	BINARY	STAT	4	AVG	No	Program Control FS LINK requests with channels			61
ESTPCCHNRCVD	BINARY	STAT	8	AVG	No	Bytes received on LINK channel requests			63
ESTPCCHNSENT	BINARY	STAT	8	AVG	No	Bytes sent on LINK channel requests			62
ESTTCCHNL	BINARY	STAT	4	AVG	No	Number of terminal sharing channel requests			67
ESTTCCHNRCVD	BINARY	STAT	8	AVG	No	Bytes received on terminal sharing channel requests			69

Table 104. CONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
ESTTCCHNSENT	BINARY	STAT	8	AVG	No	Bytes sent on terminal sharing channel requests			68
EXITTRACING	CVDAS	INQ	4	LIKE	Yes	Exit Tracing status			7
EXITTRACING Input/output valid values	EXITTRACE, NOEXITTRACE								
EXITTRACING Output valid values	NOTAPPLIC								
EXIT_REJALLC	BINARY	STAT	4	AVG	No	Allocates rejected because QUEUELIMIT reached			34
FAILEDOTHERS	BINARY	STAT	4	AVG	No	Number of allocate requests with other failure			25
FAILINKALLOC	BINARY	STAT	4	AVG	No	Number of allocate requests with link failure			24
FCFUNCSHIP	BINARY	STAT	4	AVG	No	Number of File Control function ships			26
GMTCREATIME	TIMESTP	STAT	8	MAX	No	GMT connection create time			50
GMTDELETIME	TIMESTP	STAT	8	MAX	No	GMT connection delete time			52
GRNAME	CHAR	INQ	8	DIFF	No	APPC generic resource			56
ICFUNCSHIP	BINARY	STAT	4	AVG	No	Number of Interval Control function ships			27
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	78
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, AUTOINSTALL, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	77
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	76
LINKSYSTEM	CHAR	INQ	4	DIFF	No	Name of real link towards TOR			49
MAXBIDS	BINARY	STAT	2	AVG	No	Maximum number of concurrent bids			17
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

Table 104. CONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
`NAME-1`	CHAR	INQ	4	DIFF	Yes	Connection ID			1
NETNAME	CHAR	INQ	8	DIFF	No	Net name			8
NONSPECAIDS	BINARY	STAT	2	AVG	No	Number of AIDs waiting for a session			14
NQNAME	CHAR	INQ	17	DIFF	No	Network qualified name			59
OUTSALLOC	BINARY	STAT	2	AVG	No	Peak number of outstanding allocate requests			18
PENDSTATUS	CVDAS	INQ	4	LIKE	Yes	Pending status			10
PENDSTATUS Input/output valid values	NOTPENDING								
PENDSTATUS Output valid values	PENDING, NOTAPPLIC								
PRICURRUSED	BINARY	STAT	2	AVG	No	Number of primaries currently in use			54
PROTOCOL	CVDAS	INQ	4	LIKE	No	Connection protocol			2
PROTOCOL Output valid values	EXCI, LU61, APPC, NOTAPPLIC								
QUEDALLOCATE	BINARY	STAT	4	AVG	No	Number of queued allocate requests			23
RECEIVECOUNT	CNUMERIC	INQ	4	AVG	No	Number of defined receive sessions			36
RECOVSTATUS	CVDAS	INQ	4	LIKE	Yes	Recovery status			45
RECOVSTATUS Input/output valid values	NORECOVDATA								
RECOVSTATUS Output valid values	RECOVDATA, NRS, NOTAPPLIC								
REMOTENAME	CHAR	INQ	4	DIFF	No	Connection name in remote system			48
REMOTESYSNET	CHAR	INQ	8	DIFF	No	Net name of the owning TOR			47
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote connection name			46
SECCURRUSED	BINARY	STAT	2	AVG	No	Number of secondaries currently in use			55
SENDCOUNT	CNUMERIC	INQ	4	AVG	No	Number of defined send sessions			37
SERVSTATUS	CVDAS	INQ	4	LIKE	Yes	Service status			9
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE								
SERVSTATUS Output valid values	GOINGOUT								
TDFUNCSHIP	BINARY	STAT	4	AVG	No	Number of Transient Data function ships			28
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

Table 104. CONNECT resource table attributes (continued)

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

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
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_CORRUPT	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_CORRUPT	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

Table 106. CPLEXDEF FEEDBACK error codes (continued)

32	CMAS_LEVEL	CMAS at higher level	33	LCL_EYUDREP_FAILURE	Error in local repository
34	LCL_REP_INV_LENGTH	Record length error in local repository			

Table 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									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			35
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			34
`CICSPLEX-1`	CHAR	CPSM	8	Yes	DIFF	Yes	CICSplex name			5
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			33
DAYLGHTSV	EYUDA	CPSM	4	Yes	LIKE	No	Daylight saving time	NO		17
DAYLGHTSV Input/output valid values	YES, NO									
DESC	CHAR	CPSM	58	No	DIFF	No	Description			8
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	28
INTVL	BINARY	CPSM	2	Yes	AVG	No	Monitor interval (minutes)	480	15-1440	9
READRS	BINARY	CPSM	2	Yes	DIFF	No	RS server read interval	200	0-2000	30
RODMPOP	EYUDA	CPSM	4	Yes	LIKE	No	Resource status facility population	NO		27
RODMPOP Input/output valid values	YES, NO									
RSPOOLID	CHAR	CPSM	8	Yes	DIFF	No	RS server pool name	DFHRSTAT		39
SECBYPASS	EYUDA	CPSM	4	Yes	LIKE	No	Security checking exemption	NO		10
SECBYPASS 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_REP_INV_LRNGTH	Record length error in local repository	21	CPLXCMAS_REMOTE_METH_FAIL	Attempt to run program in remote system failed
22	CPLXCMAS_REM_EYUDREP_CORRUPT	Corrupting remote data repository	26	MAS_ACTIVE	MAS active
27	CPLXCMAS_LCL_EYUDREP_CORRUPT	Corrupting 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
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			42
`CICSPLEX-2`	CHAR	CPSM	8	Yes	DIFF	Yes	CICSplex			6
`CMASNAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	CMAS			5
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			41
DAYLGHTSV	EYUDA	CPSM	4	Yes	LIKE	No	Daylight saving time in effect			23
DAYLGHTSV Input/output valid values	YES, NO									

Table 110. CPLXCMAS resource table attributes (continued)

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

Table 118. CRESCONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
`NAME-1`	CHAR	CPSM	4	DIFF	Yes	Connection	5
NETNAME	CHAR	INQ	8	DIFF	No	Net name of remote system	6
SERVSTATUS	CVDAS	INQ	4	LIKE	No	Service status	9
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE, GOINGOUT						

CRESDB2C Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
  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

Table 120. CRESDB2C resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
`NAME-1`	CHAR	CPSM	8	DIFF	Yes	DB2 connection	4

CRESDB2E Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
    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)						

Table 122. CRESDB2E resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
`NAME-1`	CHAR	CPSM	8	DIFF	Yes	DB2 entry	4

CRESDB2T Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
> 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)						
`NAME-1`	CHAR	CPSM	8	DIFF	Yes	DB2 transaction	4

CRESDOCT Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
> 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)						
`NAME-1`	CHAR	CPSM	8	DIFF	Yes	Document template	4

CRESDSNM Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
  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)						

Table 128. CRESDSNM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
`NAME-1`	CHAR	CPSM	44	DIFF	Yes	Data set	5
VALIDITY	CVDAS	INQ	4	LIKE	No	Validity status	8
VALIDITY Output valid values	VALID, INVALID						

CRESENQM Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
> 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. CRESENQM resource table attributes

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

Table 130. CRESENQM resource table attributes (continued)

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

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

Table 132. CRESEVBD resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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)						
`NAME-1`	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 hasno object specific actions.

External resource name
> CICSTopologyCaptureSpecification

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
> 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	AttrID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
`EVENTBINDING-1`	CHAR	CPSM	32	DIFF	Yes	Event binding name	4
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status 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)						
`NAME-2`	CHAR	CPSM	32	DIFF	Yes	Event processing capture specification name	5
NUMDATAPRED	BINARY	INQ	4	SUM	No	Data predicate count	9
NUMINFOSRCE	BINARY	INQ	4	SUM	No	Information source count	10
NUMOPTPRED	BINARY	INQ	4	SUM	No	Option predicate count	8

CRESEVSD Resource Table

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

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

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

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

This resource class has no object specific actions.

External resource name
CICSTopologyCaptureSpecificationDataPredicate

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
EYUt2851

Table 135. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 136. CRESEVSD resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
`CAPTURESPEC-2`	CHAR	CPSM	32	DIFF	Yes	Event processing capture specification name	5
ENABLESTATUS	CVDAS	INQ	4	LIKE	No	Enabled status	3
ENABLESTATUS Output valid values	ENABLED, DISABLED						
`EVENTBINDING-1`	CHAR	CPSM	32	DIFF	Yes	Event binding name	4

Table 136. CRESEVSD resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)					
SEQNUMBER-3	BINARY	CPSM	4	MAX	Yes	Browse sequence number

CRESEVSI Resource Table

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

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

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

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

This resource class has no object specific actions.

External resource name
> CICSTopologyCaptureSpecificationInformationSource

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
> EYUt2852

Table 137. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 138. CRESEVSI resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved
`CAPTURESPEC-2`	CHAR	CPSM	32	DIFF	Yes	Event processing capture specification name
`EVENTBINDING-1`	CHAR	CPSM	32	DIFF	Yes	Event binding name
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)					
`SEQNUMBER-3`	BINARY	CPSM	4	MAX	Yes	Browse sequence number

CRESEVSO Resource Table

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

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

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

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

This resource class has no object specific actions.

External resource name
> CICSTopologyCaptureSpecificationOptionPredicate

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
> EYUt2850

Table 139. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 140. CRESEVSO resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Att ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
`CAPTURESPEC-2`	CHAR	CPSM	32	DIFF	Yes	Event processing capture specification name	5
ENABLESTATUS	CVDAS	INQ	4	LIKE	No	Enabled status	3
ENABLESTATUS Output valid values	ENABLED, DISABLED						
`EVENTBINDING-1`	CHAR	CPSM	32	DIFF	Yes	Event binding name	4
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)						

| *Table 140. CRESEVSO resource table attributes (continued)* |

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SEQNUMBER-3	BINARY	CPSM	4	MAX	Yes	Browse sequence number	

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 141. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 142. 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						

Table 142. CRESFECO resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
MONSTAT	BIT	CPSM	1	LIKE	No	FEPI connection monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
`NAME-1`	CHAR	CPSM	16	DIFF	Yes	Target and node names of connection	4
SERVSTATUS	CVDAS	INQ	4	LIKE	No	Service status	7
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE, GOINGOUT						

CRESFEND Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
> 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 143. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 144. CRESFEND resource table attributes

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

CRESFEPO Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
>   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 145. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 146. CRESFEPO resource table attributes

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

Table 146. CRESFEPO 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	
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically Deleted	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED)						
`NAME-1`	CHAR	CPSM	8	DIFF	Yes	FEPI pool	4

CRESFETR Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
>   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 147. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 148. 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	

Table 148. CRESFETR resource table attributes (continued)

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

CRESFILE Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
> 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 149. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 150. 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	

Table 150. CRESFILE resource table attributes (continued)

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

CRESGLUE Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
> 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 151. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 152. CRESGLUE resource table attributes

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

CRESIPCN Resource Table

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

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

The following actions are supported:

GET   Get data for the named IPCONN.

External resource name
        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 153. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 154. 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)						
`NAME-1`	CHAR	CPSM	8	DIFF	Yes	Connection name	5
NETNAME	CHAR	INQ	8	DIFF	No	Net name of remote system	6
SERVSTATUS	CVDAS	INQ	4	LIKE	No	Service status	9
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE, GOINGOUT						

CRESJRNL Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
32

Usage   API 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
EYUt2804

Table 155. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 156. CRESJRNL resource table attributes

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

CRESJRNM Resource Table

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

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

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 157. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 158. 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	
JNTYPE	CVDAS	CPSM	4	LIKE	No	Journal type	4
JNTYPE Output valid values	MVS, SMF, DUMMY						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	6
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
`NAME-1`	CHAR	CPSM	8	DIFF	Yes	Journal	5
STATUS	CVDAS	CPSM	4	LIKE	No	Journal status	7
STATUS Output valid values	ENABLED, DISABLED, FAILED						

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 159. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 160. 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)						
`NAME-1`	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 161. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 162. 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)						
`NAME-1`	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 163. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 164. CRESMODE resource table attributes

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

CRESOSGB Resource Table

A CPSM Topology Manager object that describes an instance of an OSGi bundle in a CICS system.

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

There are no object specific actions for this resource class.

External resource name
> CICSTopologyOSGIBundle

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
EYUt2854

Table 165. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 166. CRESOSGB resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attrib ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
`JVMSERVER-2`	CHAR	CPSM	8	DIFF	Yes	JVM server name	5
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	9
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
`OSGIBUNDLEID-1`	BINARY	CPSM	8	DIFF	Yes	OSGi bundle ID	4
OSGISTATUS	CVDAS	INQ	4	LIKE	No	OSGi bundle Status	6
OSGISTATUS Input/output valid values	ACTIVE, INSTALLED, RESOLVED, STARTING, STOPPING, UNINSTALLED						

CRESOSGS Resource Table

A CPSM Topology Manager object that describes an instance of an OSGi service in a CICS system.

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

There are no object specific actions for this resource class.

External resource name
CICSTopologyOSGIService

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
EYUt2853

Table 167. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 168. CRESOSGS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
`JVMSERVER-2`	CHAR	CPSM	8	DIFF	Yes	JVM server name	5

Table 168. CRESOSGS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description Attribute ID
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active 9
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)					
`OSGISERVID-1`	BINARY	CPSM	8	DIFF	Yes	OSGi service ID 13
SRVCSTATUS	CVDAS	INQ	4	LIKE	No	Service status 6
SRVCSTATUS Input/output valid values	ACTIVE, INACTIVE					

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 169. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 170. CRESPART resource table attributes

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

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 171. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 172. 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	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)						
`NAME-1`	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 173. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 174. CRESPRGM resource table attributes

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

CRESPROF Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
> 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 175. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 176. CRESPROF resource table attributes

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

CRESPRTY 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
> CICSTopologyBTSProcessType

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 177. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 178. CRESPRTY resource table attributes

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

CRESRQMD Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
> 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 179. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 180. CRESRQMD resource table attributes

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

CRESSDMP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
  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 181. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 182. CRESSDMP resource table attributes

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

CRESTCPS Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
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 183. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 184. CRESTCPS resource table attributes

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

CRESTDMP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
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 185. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 185. Valid CPSM operations (continued)

GET	None	N/A

Table 186. CRESTDMP resource table attributes

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

CRESTDQ Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
> 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 187. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 188. CRESTDQ resource table attributes

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

Operations	Actions	Parameters	Required
GET		None	N/A

Table 190. CRESTERM resource table attributes

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

Operations	Actions	Parameters	Required
GET		None	N/A

Table 192. CRESTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ENABLESTATUS	CVDAS	INQ	4	LIKE	No	Enabled status	9
ENABLESTATUS Output valid values	ENABLED, DISABLED						
MONSTAT	BIT	CPSM	1	LIKE	No	Transaction monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	8
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
`NAME-1`	CHAR	CPSM	4	DIFF	Yes	Transaction ID	5
PGMNAME	CHAR	CPSM	8	DIFF	No	First program name	10
REMOTENAME	CHAR	CPSM	8	DIFF	No	Transaction ID on remote system	6
REMOTESYSTEM	CHAR	CPSM	4	DIFF	No	Remote system ID	7
TTYPE	EYUDA	CPSM	4	LIKE	No	Transaction type	4
TTYPE Output valid values	LTRAN, RTRAN						

CRESTRUE Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
> 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 193. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 194. CRESTRUE resource table attributes

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

Table 194. CRESTRUE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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 195. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 196. 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

Table 196. CRESTSMD resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
`NAME-1`	CHAR	CPSM	8	DIFF	Yes	Temporary storage model	4

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 197. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 198. 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	CVDAS	INQ	4	LIKE	Yes	Enable status	6
ENABLESTATUS Input/output valid values	ENABLED, DISABLED, DISABLEDHOST						

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
`NAME-1`	CHAR	CPSM	8	DIFF	Yes	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 199. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 200. 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	

Table 200. CRESWEBS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring statusPossible DataCollect DataUser Monitor DefinitionSystem Monitor DefinitionResource Logically DeletedResource Status Facility Active	5
MONSTAT Input/output valid values	1 (POSDATA), 2 (COLDATA), 4 (USERDEF), 8 (SYSDEF), 16 (DELETED), 32 (RODMACT)						
`NAME-1`	CHAR	CPSM	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

Table 201. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 202. CRESXMLT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	

Table 202. CRESXMLT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ENABLESTATUS	CVDAS	INQ	4	LIKE	No	Enabled status	6
ENABLESTATUS Input/output valid values	ENABLED, DISABLED						
ENABLESTATUS Output valid values	ENABLING, DISABLING						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status 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)						
`NAME-1`	CHAR	CPSM	32	DIFF	Yes	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 203. Valid CPSM operations

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

Table 204. 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 access error

Table 205. CSDGROUP resource table attributes

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

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 206. Valid CPSM operations

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

Table 207. 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 access error			

Table 208. CSDINGRP resource table attributes

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

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
    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
    EYUt3750

Table 209. Valid CPSM operations

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

Table 210. CSDINLST FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
21	REC_NOT_REMOVED	Requested resource not removed	22	CSD_ERROR	CSD access error

Table 211. CSDINLST resource table attributes

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

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 212. Valid CPSM operations

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

Table 212. Valid CPSM operations (continued)

CSDLOCK	None	N/A	
CSDUNLOCK	None	N/A	

Table 213. 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 access error			

Table 214. CSDLIST resource table attributes

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

CSGLCGCG Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
> 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 215. Valid CPSM operations

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

Table 216. 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_SET	BAS inconsistent set
23	CYCLIC_GROUPS	Link causes cyclical groups	24	INCONSISTENT_SCOPES	Inconsistent scopes
25	INV_ATTR	Must be a system group			

Table 217. CSGLCGCG resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	7
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	10
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	9
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	8
`GROUP-2`	CHAR	CPSM	8	Yes	DIFF	Yes	Group within containing group	5
`TOGROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name of containing group	6

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 218. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		MONSPC_INHRT(KEEP | NULL | FORCE)	No
		RTASPC_INHRT(KEEP | NULL | FORCE)	No
		WLMSPC_INHRT(KEEP | NULL | FORCE)	No
REMOVE		MONSPC_INHRT(NONE | KEEP)	No
		RTASPC_INHRT(NONE | KEEP)	No
		WLMSPC_INHRT(NONE | KEEP)	No

Table 219. 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	BAS inconsistent set
23	INCONSISTENT_SCOPES	Inconsistent scopes	24	UNKNOWN_SCOPE	Unknown scope
25	INV_ATTR	Must be a system definition			

Table 220. CSGLCGCS resource table attributes

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

CSYSDEF Resource Table

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

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

There are no object specific actions for this resource class.

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

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

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

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
>472

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 221. 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	ADDTOGRP	MONSPC_INHRT(KEEP | NULL | FORCE)	No
		RTASPC_INHRT(KEEP | NULL | FORCE)	No
		TOGROUP(value)	Yes
		WLMSPC_INHRT(KEEP | NULL | FORCE)	No

Table 222. 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_SET	BAS inconsistent set	26	INCONSISTENT_SCOPES	BAS inconsistent Scopes
27	ASSOCIATION	Invalid group association	28	CYCLIC_GROUPS	Link causes cyclic groups
29	CICSSYS_IN_USE	Requested resource in use			

Table 223. 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, COLDONLY, WARMONLY									
BOTRSUPD	BINARY	CPSM	1	Yes	DIFF	No	RS server bottom tier	*	1-25	61
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			53
CHANGEAGENT Input/output valid values	DREPAPI, DREPBATCH									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			56

Table 223. CSYSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			55
CICSSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for CICS region monitoring	INHERIT	0-86400	8
CONNSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for connection monitoring	INHERIT	0-86400	11
CONTEXT	CHAR	CPSM	8	No	DIFF	No	CSYSDEF context			59
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			54
DAYLGHTSV	EYUDA	CPSM	4	Yes	LIKE	No	Daylight saving time in effect	INHERIT		41
DAYLGHTSV Input/output valid values	YES, NO, INHERIT									
DBXSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for DB2/DBCTRL monitoring	INHERIT	0-86400	10
DESC	CHAR	CPSM	58	No	DIFF	No	Description			38
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	47
DYNROUTE	EYUDA	CPSM	4	Yes	LIKE	No	Target region active at startup	YES		6
DYNROUTE Input/output valid values	YES, NO									
FILESAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for file monitoring	INHERIT	0-86400	12
GLBLSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for global region monitoring	INHERIT	0-86400	9
HOST	CHAR	CPSM	116	No	DIFF	Yes	Host name			49
JRNLSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for journal monitoring	INHERIT	0-86400	13
MONSTATUS	EYUDA	CPSM	4	Yes	LIKE	No	Monitoring status	INHERIT		18
MONSTATUS Input/output valid values	YES, NO, INHERIT									
MPCMASID	CHAR	CPSM	8	No	DIFF	No	Maintenance point CMAS id			58
MXTACTION	CHAR	CPSM	8	No	DIFF	No	Action for CICS-at-maximum-tasks event	*		34
MXTSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for CICS-at-maximum-tasks event	HS		28
MXTSEV Input/output valid values	N_A, NO, VLS, LS, LW, HW, HS, VHS, INHERIT									
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	CICS system definition name			5
NETWORKID	CHAR	CPSM	8	No	DIFF	No	Network ID			48

Table 223. CSYSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
NRMACTION	CHAR	CPSM	8	No	DIFF	No	Action for Non-responsive-MAS event	*		66
NRMSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for Non-responsive-MAS event	HW		65
NRMSEV Input/output valid values	N_A, NO, VLS, LS, LW, HW, HS, VHS, INHERIT									
PORT	CHAR	CPSM	8	No	DIFF	No	Port number		1-65535	50
PRICMAS	CHAR	CPSM	8	No	DIFF	No	Primary CMAS name			36
PROGSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for program monitoring	INHERIT	0-86400	14
READRS	BINARY	CPSM	2	No	DIFF	No	RS server read interval	*	0-2000	51
RETENTION	BINARY	CPSM	4	Yes	AVG	No	Time data is kept after monitoring stops (minutes)	INHERIT	0-1440	7
RTASTATUS	EYUDA	CPSM	4	Yes	LIKE	No	Real time analysis status	YES		19
RTASTATUS Input/output valid values	YES, NO, SAM, MRM									
SAMACTION	CHAR	CPSM	8	No	DIFF	No	Action for system availability monitoring event	*		30
SAMSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for system availability monitoring event	VHS		24
SAMSEV Input/output valid values	N_A, NO, VLS, LS, LW, HW, HS, VHS, INHERIT									
SDMACTION	CHAR	CPSM	8	No	DIFF	No	Action for system dump event	*		32
SDMSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for system dump event	VHS		26
SDMSEV Input/output valid values	N_A, NO, VLS, LS, LW, HW, HS, VHS, INHERIT									
SECBYPASS	EYUDA	CPSM	4	Yes	LIKE	No	Exemption from simulated security checks	INHERIT		23
SECBYPASS Input/output valid values	YES, NO, INHERIT									
SECCMDCHK	EYUDA	CPSM	4	Yes	LIKE	No	Simulated CICS-command security checking status	INHERIT		21
SECCMDCHK Input/output valid values	YES, NO, INHERIT									

Table 223. CSYSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
SECRESCHK	EYUDA	CPSM	4	Yes	LIKE	No	Simulated CICS-resource security checking 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
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									

Table 223. CSYSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
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 224. 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	ADDTOGRP	TOGROUP(value)	Yes

Table 225. 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

Table 225. CSYSGRP FEEDBACK error codes (continued)

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_SET	BAS inconsistent set	25	CYCLIC_GROUPS	Link causes cyclic groups
26	INCONSISTENT_SCOPES	BAS inconsistent set			

Table 226. CSYSGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			8
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed			1
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
`GROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	System group name			5

D2CINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
    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
EYUt6162

Table 227. Valid CPSM operations

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

Table 228. D2CINGRP FEEDBACK error codes

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

Table 229. D2CINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
`DB2CGROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
`DB2CNAME-2`	CHAR	CPSM	8	Yes	DIFF	Yes	DB2 connection definition name	6
`DB2CVER-3`	BINARY	CPSM	1	Yes	AVG	Yes	DB2 connection definition version	7

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 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
EYUt6163

Table 230. Valid CPSM operations

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

Table 231. 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 232. 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
`DB2EGROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
`DB2ENAME-2`	CHAR	CPSM	8	Yes	DIFF	Yes	DB2 entry definition name	6

Table 232. D2EINGRP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
`DB2EVER-3`	BINARY	CPSM	1	Yes	AVG	Yes	DB2 entry definition version	7

D2TINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
        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
        EYUt6164

Table 233. Valid CPSM operations

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

Table 234. 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 235. D2TINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
`DB2TGROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
`DB2TNAME-2`	CHAR	CPSM	8	Yes	DIFF	Yes	DB2 transaction definition name	6
`DB2TVER-3`	BINARY	CPSM	1	Yes	AVG	Yes	DB2 transaction definition version	7

DB2CDEF Resource Table

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

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

The following actions are supported:

INSTALL
> Install a DB2 connection definition.
>
> The parameter data for the INSTALL action is described in "Parameters for installing CICS definitions using BAS" on page 17.

External resource name
> CICSDefinitionDb2Connection

Length
> 280

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 236. 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 237. 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	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

Table 237. DB2CDEF FEEDBACK error codes (continued)

47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_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 access error			

Table 238. DB2CDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ACCOUNTREC	CVDAS	CPSM	4	Yes	LIKE	No	Accounting record option	NONE			22
ACCOUNTREC Input/output valid values	NONE, UOW, TASK, TXID										
AUTHID	CHAR	CPSM	8	No	DIFF	No	Pool thread authorization ID				23
AUTHTYPE	CVDAS	CPSM	4	Yes	LIKE	No	Pool thread authorization type	NOTAPPLIC			24
AUTHTYPE Input/output valid values	USERID, GROUP, TERM, TX, OPID, SIGN, NOTAPPLIC										
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	43
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	45
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	44
COMAUTHID	CHAR	CPSM	8	No	DIFF	No	Command thread authorization ID				32
COMAUTHTYPE	CVDAS	CPSM	4	Yes	LIKE	No	Command thread authorization type	NOTAPPLIC			33
COMAUTHTYPE Input/output valid values	USERID, GROUP, TERM, TX, OPID, SIGN, NOTAPPLIC										
COMTHREADLIM	CHAR	CPSM	4	Yes	DIFF	No	Maximum number of command threads	3	0-2000		31

Table 238. DB2CDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CONNECTERROR	CVDAS	CPSM	4	Yes	LIKE	No	Connection error processing option	SQLCODE			9
CONNECTERROR Input/output valid values	ABEND, SQLCODE										
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				34
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	47
DB2GROUPID	CHAR	CPSM	4	No	DIFF	No	DB2 data sharing group ID				40
DB2ID	CHAR	CPSM	4	No	DIFF	No	DB2 subsystem ID				10
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		42
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				38
DROLLBACK	EYUDA	CPSM	4	Yes	LIKE	No	Deadlock resoultion rollback option	YES			25
DROLLBACK Input/output valid values	YES, NO										
MSGQUEUE1	CHAR	CPSM	4	Yes	DIFF	No	Unsolicited error message TDQ name 1	CDB2			11
MSGQUEUE2	CHAR	CPSM	4	No	DIFF	No	Unsolicited error message TDQ name 2				12
MSGQUEUE3	CHAR	CPSM	4	No	DIFF	No	Unsolicited error message TDQ name 3				13
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
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
PURGECYCLES	CHAR	CPSM	2	Yes	DIFF	No	Protected thread purge cycle (seconds)	30	0-59		16

Table 238. DB2CDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
RESYNCMEMBER	EYUDA	CPSM	4	Yes	LIKE	No	Resynchronization member	YES			41
RESYNCMEMBER Input/output valid values	YES, NO										
REUSELIMIT	CHAR	CPSM	5	Yes	LIKE	No	Thread reuse limit	1000	0-10000	E640 E650 E660	48
SIGNID	CHAR	CPSM	8	No	DIFF	No	Authorization ID used by CICS-DB2 attach				17
STANDBYMODE	CVDAS	CPSM	4	Yes	LIKE	No	Standby mode	RECONNECT			18
STANDBYMODE Input/output valid values	RECONNECT, NOCONNECT, CONNECT										
STATSQUEUE	CHAR	CPSM	4	Yes	DIFF	No	Attachment statistics TDQ name	CDB2			19
TCBLIMIT	CHAR	CPSM	4	Yes	DIFF	No	Maximum number of connections into DB2	12	4-2000		20
THREADERROR	CVDAS	CPSM	4	Yes	LIKE	No	Action following thread error	N906D			21
THREADERROR Input/output valid values	ABEND, N906D, N906										
THREADLIMIT	CHAR	CPSM	4	Yes	DIFF	No	Maximum number of pool threads	3	3-2000		30
THREADWAIT	EYUDA	CPSM	4	Yes	LIKE	No	Thread wait option	YES			29
THREADWAIT Input/output valid values	YES, NO										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				35
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				36
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				37

DB2CONN Resource Table

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

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

The following actions are supported:

REBUILD
> Rebuild the security environment.

CONNECT
> Connect to the DB2 environment.

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

DISCONNECT
Disconnect from the DB2 environment.

The parameter data for the DISCONNECT action is:

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

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

FORCE
Force disconnection from the DB2 environment.

DISCARD
Discard the DB2 connection.

External resource name
CICSDb2Connection

Length
400

Usage   API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0086

Table 239. 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)	Yes
	FORCE	None	N/A
	DISCARD	None	N/A

Table 240. DB2CONN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
ACCOUNTREC	CVDAS	INQ	4	LIKE	Yes	Accounting record option			2
ACCOUNTREC Input/output valid values	UOW, TXID, NONE, TASK								
AUTHID	CHAR	INQ	8	DIFF	Yes	Pool thread authorization ID			3
AUTHTYPE	CVDAS	INQ	4	LIKE	Yes	Pool thread authorization type			4
AUTHTYPE Input/output valid values	GROUP, SIGN, TERM, TX, OPID, USERID								
AUTHTYPE Output valid values	NOTAPPLIC								
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	77
CCALLS	CNUMERIC	STAT	4	AVG	No	Number of calls using command threads			55
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	69
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	70
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	72
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	68
COMAUTHID	CHAR	INQ	8	DIFF	Yes	Command thread authorization ID			7
COMAUTHTYPE	CVDAS	INQ	4	LIKE	Yes	Command thread authorization type			8
COMAUTHTYPE Input/output valid values	CGROUP, CSIGN, CTERM, CTX, COPID, CUSERID								
COMAUTHTYPE Output valid values	NOTAPPLIC								
COMTHREADLIM	CNUMERIC	INQ	4	AVG	Yes	Maximum number of command threads			6
COMTHREADS	CNUMERIC	INQ	4	AVG	No	Number of active command threads			5
CONNECTERROR	CVDAS	INQ	4	LIKE	Yes	Connection error processing option			9
CONNECTERROR Input/output valid values	ABEND, SQLCODE								
CONNECTST	CVDAS	INQ	4	LIKE	Yes	Connection status			10

Table 240. DB2CONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
CONNECTST Input/output valid values	CONNECTED, NOTCONNECTED								
CONNECTST Output valid values	CONNECTING, DISCONNING								
CSIGNONS	CNUMERIC	STAT	4	AVG	No	Number of command thread signons			56
CTCURR	CNUMERIC	STAT	4	AVG	No	Current number of command threads			60
CTHWM	CNUMERIC	STAT	4	AVG	No	Peak number of command threads			61
CTIMEGMT	TIMESTP	STAT	8	MAX	No	GMT connect time			32
CTIMELOC	TIMESTP	STAT	8	MAX	No	Local connect time			33
CTLIMIT	CNUMERIC	STAT	4	AVG	No	Maximum number of command threads			59
CTOVERF	CNUMERIC	STAT	4	AVG	No	Number of command thread overflows to pool			58
CTTERM	CNUMERIC	STAT	4	AVG	No	Number of command thread terminations			57
DB2GROUPID	CHAR	INQ	4	DIFF	Yes	DB2 data sharing group ID			65
DB2ID	CHAR	INQ	4	DIFF	Yes	DB2 subsystem ID			11
DB2RELEASE	CHAR	INQ	4	DIFF	No	DB2 version and release			12
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	73
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	74
DROLLBACK	CVDAS	INQ	4	LIKE	No	Deadlock resolution rollback option			13
DROLLBACK Output valid values	ROLLBACK, NOROLLBACK								
DTIMEGMT	TIMESTP	STAT	8	MAX	No	GMT disconnect time			34
DTIMELOC	TIMESTP	STAT	8	MAX	No	Local disconnect time			35
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	71
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	76
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	75
MSGQUEUE1	CHAR	INQ	4	DIFF	Yes	Unsolicited error message TDQ name 1			14
MSGQUEUE2	CHAR	INQ	4	DIFF	Yes	Unsolicited error message TDQ name 2			15
MSGQUEUE3	CHAR	INQ	4	DIFF	Yes	Unsolicited error message TDQ name 3			16
`NAME-1`	CHAR	INQ	8	DIFF	Yes	DB2 connection name			1

Table 240. DB2CONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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
PREUSELIMCT	BINARY	STAT	4	AVG	No	Number of times a pool thread reached REUSELIMIT		E640 E650 E660	80
PRIORITY	CVDAS	INQ	4	LIKE	Yes	TCB priority			20
PRIORITY Input/output valid values	HIGH, EQUAL, LOW								
PRQCUR	CNUMERIC	STAT	4	AVG	No	Current number of tasks waiting for pool thread			53
PRQHWM	CNUMERIC	STAT	4	AVG	No	Peak number of tasks waiting for pool thread			54
PSIGNONS	CNUMERIC	STAT	4	AVG	No	Number of pool thread signons			40
PSPHASE	CNUMERIC	STAT	4	AVG	No	Number of units of work with single phase commit			43
PTCURR	CNUMERIC	STAT	4	AVG	No	Current number of active pool threads			48
PTHWM	CNUMERIC	STAT	4	AVG	No	Peak number of active pool threads			49
PTLIMIT	CNUMERIC	STAT	4	AVG	No	Maximum number of pool threads			47
PTREUSE	CNUMERIC	STAT	4	AVG	No	Number of times transactions reused pool threads			44
PTTERM	CNUMERIC	STAT	4	AVG	No	Number of times threads terminated			45
PTWAIT	CNUMERIC	STAT	4	AVG	No	Number of pool thread waits			46
PURGECYCLEM	CNUMERIC	INQ	4	AVG	Yes	Protected thread purge cycle (minutes)			21
PURGECYCLES	CNUMERIC	INQ	4	AVG	Yes	Protected thread purge cycle (seconds)			22
PXCURR	CNUMERIC	STAT	4	AVG	No	Current number of tasks using a pool thread			50

Table 240. 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								
REUSELIMIT	BINARY	INQ	4	AVG	Yes	Thread reuse limit		E640 E650 E660	79
SIGNID	CHAR	INQ	8	DIFF	Yes	Authorization ID used by CICS-DB2 attach			23
STANDBYMODE	CVDAS	INQ	4	LIKE	Yes	Standby mode action			31
STANDBYMODE Input/output valid values	NOCONNECT, CONNECT, RECONNECT								
STATSQUEUE	CHAR	INQ	4	DIFF	Yes	Attachment statistics TDQ name			24
TCBFREE	CNUMERIC	STAT	4	AVG	No	Current number of connections without a TCB			62
TCBLIMIT	CNUMERIC	INQ	4	AVG	Yes	Maximum number of connections (TCBLIMIT)			26
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 following actions are supported:

INSTALL

Install a DB2 entry definition.

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

External resource name

CICSDefinitionDb2Entry

Length

200

Usage   API or Batch Utility or 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 241. 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

Table 241. Valid CPSM operations (continued)

DUPACTION(DUPERROR | DUPNOREPLACE | DUPREPLACE)	No
TO_CSDGROUP(value)	No

Table 242. DB2EDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_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 access error			

Table 243. 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
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	27
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				20
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	30
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		25
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				24
DROLLBACK	EYUDA	CPSM	4	Yes	LIKE	No	Deadlock rollback option	YES			14
DROLLBACK Input/output valid values	YES, NO										
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
PLAN	CHAR	CPSM	8	No	DIFF	No	Plan name				15
PLANEXITNAME	CHAR	CPSM	8	No	DIFF	No	Dynamic plan exit name				16
PRIORITY	CVDAS	CPSM	4	Yes	LIKE	No	TCB priority	HIGH			17
PRIORITY Input/output valid values	HIGH, EQUAL, LOW										
PROTECTNUM	CHAR	CPSM	4	Yes	DIFF	No	Maximum number of protected threads	0	0-2000		18
THREADLIMIT	CHAR	CPSM	4	Yes	DIFF	No	Maximum number of active threads	0	0-2000		11
THREADWAIT	EYUDA	CPSM	4	Yes	LIKE	No	Thread wait option	POOL			19
THREADWAIT Input/output valid values	POOL, YES, NO										
TRANSID	CHAR	CPSM	4	Yes	DIFF	No	Transaction ID				9

Table 243. DB2EDEF 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				21
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				22
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				23

DB2ENTRY Resource Table

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

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

The following actions are supported:

DISCARD
Discard the DB2 entry.

DISABLE
Disable the DB2 entry.

The parameter data for the DISABLE action is:

    PARM('BUSY(cvda).')

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

External resource name
CICSDb2Entry

Length
240

Usage API or 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 244. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 244. Valid CPSM operations (continued)

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

Table 245. 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
COMMITS	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 245. 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
`NAME-1`	CHAR	INQ	8	DIFF	Yes	DB2 entry name			1
PLAN	CHAR	INQ	8	DIFF	Yes	Plan name			10
PLANEXITNAME	CHAR	INQ	8	DIFF	Yes	Dynamic plan exit name			11
PRIORITY	CVDAS	INQ	4	LIKE	Yes	TCB priority			12
PRIORITY Input/output valid values	HIGH, EQUAL, LOW								
PROTECTNUM	CNUMERIC	INQ	4	AVG	Yes	Maximum number of protected threads			15
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
REUSELIMCT	BINARY	STAT	4	AVG	No	Number of times a DB2ENTRY thread reached REUSELIMIT		E640 E650 E660	46
RQCUR	CNUMERIC	STAT	4	AVG	No	Current number of tasks waiting for thread			33
RQHWM	CNUMERIC	STAT	4	AVG	No	Peak number of tasks waiting for thread			34
SIGNONS	CNUMERIC	STAT	4	AVG	No	Number of signons			17
SPHASE	CNUMERIC	STAT	4	AVG	No	Number of UOWs with single phase commit			20
TCURR	CNUMERIC	STAT	4	AVG	No	Current number of threads			25
THREADLIMIT	CNUMERIC	INQ	4	AVG	Yes	Maximum number of active threads			14
THREADS	CNUMERIC	INQ	4	AVG	No	Number of active threads			5
THREADWAIT	CVDAS	INQ	4	LIKE	Yes	Thread wait option			13
THREADWAIT Input/output valid values	TWAIT, NOTWAIT, TPOOL								

Table 245. DB2ENTRY resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
THWM	CNUMERIC	STAT	4	AVG	No	Peak number of active threads			26
TLIMIT	CNUMERIC	STAT	4	AVG	No	Maximum number of threads			24
TREUSE	CNUMERIC	STAT	4	AVG	No	Number of times threads reused			21
TTERM	CNUMERIC	STAT	4	AVG	No	Number of times threads terminated			22
TWORO	CNUMERIC	STAT	4	AVG	No	Number of thread waits or overflows			23
XCURR	CNUMERIC	STAT	4	AVG	No	Current number of tasks			30
XHWM	CNUMERIC	STAT	4	AVG	No	Peak number of tasks			31
XTOTAL	CNUMERIC	STAT	4	AVG	No	Total number of tasks			32

DB2SS Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
> 80

Usage   API or 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
> EYUt0032

Table 246. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 247. DB2SS resource table attributes

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

DB2TDEF Resource Table

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

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

The following actions are supported:

INSTALL
> Install a DB2 transaction definition.
>
> The parameter data for the INSTALL action is described in "Parameters for installing CICS definitions 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 248. 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 249. 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	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

Table 249. DB2TDEF FEEDBACK error codes (continued)

35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_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 access error			

Table 250. DB2TDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	17
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	19
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	18
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				11
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	21
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		16
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				15
ENTRY	CHAR	CPSM	8	Yes	DIFF	No	Name of associated DB2 entry				9
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7

Table 250. DB2TDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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 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
EYUt0033

Table 251. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 252. 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						

Table 252. DB2THRD resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CURTHREADS	BINARY	CPSM	2	AVG	No	Number of current threads	6
DPMODE	EYUDA	CPSM	4	LIKE	No	Dispatching mode	3
DPMODE Output valid values	HIGH, LOW, EQ						
`INITTRAN-1`	CHAR	CPSM	4	DIFF	Yes	Initial transaction	1
MAXTHREADS	BINARY	CPSM	2	AVG	No	Maximum number of threads	5
NAME	CHAR	CPSM	4	DIFF	No	DB2 subsystem	18
OTHERIDS	BINARY	CPSM	4	AVG	No	Number of transactions in group	16
PLANNAME	CHAR	CPSM	8	DIFF	No	Plan	10
PLANPRGM	CHAR	CPSM	8	DIFF	No	Dynamic plan exit for pool threads	9
READCOMMIT	BINARY	CPSM	4	AVG	No	Number of read-only commits	15
ROLLBACKOPT	EYUDA	CPSM	4	LIKE	No	Rollback option	4
ROLLBACKOPT Output valid values	YES, NO						
RSVTHREADS	BINARY	CPSM	4	AVG	No	Number of reserved threads	7
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 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
    EYUt0034

Table 253. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 254. DB2TRAN resource table attributes

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

DB2TRN Resource Table

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

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

The following actions are supported:

DISCARD
    Discard the DB2 transaction.

These actions require no unique parameter data.

External resource name
    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
    EYUt0088

Table 255. Valid CPSM operations

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

Table 256. DB2TRN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	15
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	6
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, DYNAMIC, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	8
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	10
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	7
DB2ENTRY	CHAR	INQ	8	DIFF	Yes	DB2 entry name for DB2TRN			2
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	11
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	12
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	9
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, DYNAMIC, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	14
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	13
`NAME-1`	CHAR	INQ	8	DIFF	Yes	DB2 transaction name			1
PLAN	CHAR	CPSM	8	DIFF	No	Plan name			4
PLANEXITNAME	CHAR	CPSM	8	DIFF	No	Plan exit name			5
TRANSID	CHAR	INQ	4	DIFF	Yes	Transaction ID associated with DB2 entry			3

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 257. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 258. 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
DBCTLOVERIDE	CHAR	CPSM	4	DIFF	No	DBCTL ID override	16
LOCATION	CHAR	CPSM	4	DIFF	No	MVS system ID	2
MAXTHRDCNT	BINARY	CPSM	4	AVG	No	Number of times maximum threads reached	12
MAXTHRDTIME	BINARY	CPSM	4	AVG	No	Elapsed time at maximum threads condition	13
MAXTHREAD	BINARY	CPSM	2	AVG	No	Maximum number of threads	10
MINTHRDCNT	BINARY	CPSM	4	AVG	No	Number of times minimum threads reached	11
MINTHREAD	BINARY	CPSM	2	AVG	No	Minimum number of threads	9
`NAME-1`	CHAR	CPSM	4	DIFF	Yes	DBCTL subsystem name	1

Table 258. DBCTLSS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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 following actions are supported:

INSTALL
> Install a document Template Definition.
>
> The parameter data for the INSTALL action is described in "Parameters for installing CICS definitions using BAS" on page 17.

External resource name
> CICSDefinitionDocumentTemplate

Length
> 512

Usage API or Batch Utility or 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 259. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 259. 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 260. DOCDEF FEEDBACK error codes

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

Table 260. DOCDEF FEEDBACK error codes (continued)

47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_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 access error			

Table 261. DOCDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
APPENDCRLF	EYUDA	CPSM	4	Yes	LIKE	No	Carriage return line feed (CRLF) append option	YES			23
APPENDCRLF Input/output valid values	YES, NO										
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	27
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	29
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	28
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				16
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	31
DDNAME	CHAR	CPSM	8	No	DIFF	No	DDname of partitioned data set				10
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		26
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				20
DOCTYPE	CVDAS	CPSM	4	Yes	LIKE	No	Document content type	EBCDIC			24
DOCTYPE Input/output valid values	EBCDIC, BINARY										
EXITPGM	CHAR	CPSM	8	No	DIFF	No	Exit program name				8
FILE	CHAR	CPSM	8	No	DIFF	No	File name				9

Table 261. DOCDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
HFSFILE	CHAR	CPSM	255	No	DIFF	No	Hierarchical File System template file				25
MEMBERNAME	CHAR	CPSM	8	No	DIFF	No	Member of partitioned data set				11
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
PROGRAM	CHAR	CPSM	8	No	DIFF	No	Program name				12
TDQUEUE	CHAR	CPSM	4	No	DIFF	No	Transient data queue name				14
TEMPLATENAME	CHAR	CPSM	48	No	DIFF	No	Document template name				21
TSQUEUE	CHAR	CPSM	16	No	DIFF	No	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 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
>	EYUt6169

Table 262. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 262. Valid CPSM operations (continued)

CREATE	None	N/A
REMOVE	None	N/A

Table 263. 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 264. DOCINGRP resource table attributes

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

DOCTEMP Resource Table

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

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

The following actions are supported:

DISCARD
> Discard a Document Template

These actions require no unique parameter data.

External resource name
> 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 265. Valid CPSM operations

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

Table 266. 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

Table 266. DOCTEMP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
COPY	CVDAS	INQ	4	LIKE	Yes	New copy status of the DOCTEMPLATE		E640	16
COPY Input valid values	NEWCOPY								
COPY Output valid values	N_A								
DDNAME	CHAR	CPSM	8	DIFF	No	DD name of the partitioned data set			4
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	27
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	28
DOCTYPE	CVDAS	CPSM	4	LIKE	No	Document content type			12
DOCTYPE Output valid values	BINARY, EBCDIC								
DSNAME	CHAR	CPSM	44	DIFF	No	Data set name of partitioned data set			11
EXITPGM	CHAR	CPSM	8	DIFF	No	Exit program name			2
FILE	CHAR	CPSM	8	DIFF	No	File name			3
HFSFILE	CHAR	CPSM	255	DIFF	No	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
`NAME-1`	CHAR	INQ	8	DIFF	Yes	Document template name			1
NEWCOPYCNT	BINARY	STAT	4	AVG	No	Total number of NEWCOPY requests issued		E640	19
PROGRAM	CHAR	CPSM	8	DIFF	No	Program name			6
READCOUNT	BINARY	STAT	4	AVG	No	Total number of DOCTEMPLATE reads		E640	20
TDQUEUE	CHAR	CPSM	4	DIFF	No	Transient data queue name			8
TEMPLATENAME	CHAR	CPSM	48	DIFF	No	Extended document template name			10
TEMPLATETYPE	CVDAS	CPSM	4	LIKE	No	Document template type			9
TEMPLATETYPE Output valid values	MEMBER, FILE, PROGRAM, TSQUEUE, TDQUEUE, EXITPGM, HFS								
TSQUEUE	CHAR	CPSM	16	DIFF	No	Temporary storage queue name			7

Table 266. DOCTEMP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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 267. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 268. 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

Table 268. DOMSPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
FREEMAINRTE	RATE3	CPSM	8	AVG	No	FREEMAIN rate since last reset	33
GETMAINRTE	RATE3	CPSM	8	AVG	No	GETMAIN rate since last reset	32
PAGEELEMPCT	PERCENT3	CPSM	4	AVG	No	Percentage of page pool used by elements	34
PAGEPAGEPCT	PERCENT3	CPSM	4	AVG	No	Percentage of page pool used by pages	35
PAGEPAGPPCT	PERCENT3	CPSM	4	AVG	No	Peak percentage of page pool used by pages	36
SMDACCESS	EYUDA	STAT	4	LIKE	No	Subpool access type	15
SMDACCESS Output valid values	CICS, USER, READONLY, TRUSTED						
SMDBNDRY	BINARY	STAT	4	AVG	No	Subpool element boundary	13
SMDCELEM	BINARY	STAT	4	AVG	No	Current number of elements	21
SMDCES	BINARY	STAT	4	AVG	No	Sum of all element lengths	19
SMDCPS	BINARY	STAT	4	AVG	No	Current page storage	20
SMDDSANAME	CHAR	INQ	8	DIFF	No	Name of dynamic storage area (DSA)	6
SMDELCHN	BIT	STAT	1	LIKE	No	Element chaining indicator	10
SMDETYPE	BIT	STAT	1	LIKE	No	Subpool element type	7
SMDFLEN	BINARY	STAT	4	AVG	No	Subpool element length	9
SMDFMREQ	BINARY	STAT	4	AVG	No	Number of FREEMAIN requests	18
SMDGMREQ	BINARY	STAT	4	AVG	No	Number of GETMAIN requests	17
SMDHWMPS	BINARY	STAT	4	AVG	No	Peak page storage	22
SMDIFREE	BINARY	STAT	4	AVG	No	Initial free area size	16
SMDLOCN	EYUDA	STAT	4	LIKE	No	Location above/below 16M or above the bar	14
SMDLOCN Output valid values	ABOVE, BELOW, ABOVEBAR						
`SMDSPN-1`	CHAR	INQ	8	DIFF	Yes	Domain subpool name	5
SMSDSABYTES	BINARY	STAT	8	AVG	No	Current size of DSA in bytes	39
SMSDSASZ	BINARY	STAT	4	AVG	No	Current size of DSA	27
SMSDSATOTAL	BINARY	STAT	4	AVG	No	Current DSA total	26

DSKJRNL Resource Table

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

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

The following actions are supported:

ADVANCE
> Advance to the next journal.

CLOSE
> Close the journal.

OPEN

Open the journal.

These actions require no unique parameter data.

External resource name

Length

64

Usage   EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0013

Table 269. 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 270. DSKJRNL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ARCHSTAT	CVDAS	INQ	4	LIKE	No	Archive status	5
ARCHSTAT Output valid values	AUTOARCH, NOAUTOARCH, REVERTED						
ARCHSUBCNT	BINARY	STAT	2	AVG	No	Number of archives submitted	7
ARCHWCNT	BINARY	STAT	2	AVG	No	Number of waits for archive to complete	2
AVGSIZE	BINARY	STAT	2	AVG	No	Average block size	12
BLKWRCNT	DECIMAL	STAT	4	AVG	No	Number of blocks written	11
BUFULLCNT	DECIMAL	STAT	3	AVG	No	Number of times buffer was full	14
DISKASTATUS	CVDAS	INQ	4	LIKE	No	Disk A status	8
DISKASTATUS Output valid values	CURRENT, READY, NOTREADY, NOTAPPLIC						
DISKBSTATUS	CVDAS	INQ	4	LIKE	No	Disk B status	9

Table 270. DSKJRNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
DISKBSTATUS Output valid values	CURRENT, READY, NOTREADY, NOTAPPLIC						
DISKXSTATUS	CVDAS	INQ	4	LIKE	No	Disk X status	10
DISKXSTATUS Output valid values	CURRENT, READY, NOTREADY						
DSOPENCNT	BINARY	STAT	2	AVG	No	Number of journal data sets opened	6
`JOURNALNUM-1`	BINARY	INQ	2	AVG	Yes	Journal number	1
OPENSTATUS	CVDAS	INQ	4	LIKE	Yes	Open status	4
OPENSTATUS Input/output valid values	OPENOUTPUT, CLOSED						
OPENSTATUS Input valid values	ADVANCE, CLOSELEAVE						
RECWRCNT	DECIMAL	STAT	5	AVG	No	Number of records written	13
TYPE	CVDAS	INQ	4	LIKE	No	Journal type	3
TYPE Output valid values	TAPE1, TAPE2, DISK1, DISK2, DISK2PAUSE, SMF						

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 271. 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 272. DSNAME resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ACCESSMETHOD	CVDAS	INQ	4	LIKE	No	Access method		2
ACCESSMETHOD Input/output valid values	VSAM, BDAM, NOTAPPLIC							
AVAILABILITY	CVDAS	INQ	4	LIKE	Yes	Availability status		12
AVAILABILITY Input/output valid values	AVAILABLE, UNAVAILABLE							

Table 272. DSNAME resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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	E510PLUS	5
BKOUTSTATUS Input/output valid values	NORMALBKOUT, FAILEDBKOUT							
BKOUTSTATUS Output valid values	FAILINGBKOUT, NOTAPPLIC							
`DSNAME-1`	CHAR	INQ	44	DIFF	Yes	Data set name		1
FILECOUNT	BINARY	INQ	4	AVG	No	Number of file definitions that reference data set		6
FWDRECOVLOG	CNUMERIC	INQ	2	AVG	No	Journal number		10
FWDRECOVLSN	CHAR	INQ	26	DIFF	No	Forward recovery log stream name		11
LOSTLOCKS	CVDAS	INQ	4	LIKE	No	Lost locks status		13
LOSTLOCKS Output valid values	NOLOSTLOCKS, REMLOSTLOCKS, RECOVERLOCKS, NOTAPPLIC							
OBJECT	CVDAS	INQ	4	LIKE	No	Data set type		7
OBJECT Output valid values	BASE, PATH, NOTAPPLIC							
QUIESCESTATE	CVDAS	INQ	4	LIKE	Yes	Record level sharing (RLS) quiesce state		14
QUIESCESTATE Input/output valid values	UNQUIESCED, QUIESCED							
QUIESCESTATE Output valid values	QUIESCING, NOTAPPLIC							
RECOVSTATUS	CVDAS	INQ	4	LIKE	No	Recovery status		8
RECOVSTATUS Output valid values	RECOVERABLE, FWDRECOVABLE, NOTRECOVABLE, UNDETERMINED, NOTAPPLIC							
RETLOCKS	CVDAS	INQ	4	LIKE	No	Retained record locks status		15
RETLOCKS Output valid values	RETAINED, NORETAINED, NOTAPPLIC							
VALIDITY	CVDAS	INQ	4	LIKE	No	Data set validity status		9
VALIDITY Output valid values	VALID, INVALID							

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 273. Valid CPSM operations

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

Table 274. 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

Table 274. DSPGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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 275. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 276. 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

Table 276. DSPMODE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
DSGTCBAF	BINARY	STAT	4	AVG	No	Number of TCB attach failures	11
DSGTCBAL	BINARY	STAT	4	AVG	No	Number of TCBs allocated	16
DSGTCBCA	BINARY	STAT	4	AVG	No	Current number of TCBs attached	12
DSGTCBCU	BINARY	STAT	4	AVG	No	Current number of TCBs used by mode	14
DSGTCBDO	BINARY	STAT	4	AVG	No	Number of other detaches	20
DSGTCBDS	BINARY	STAT	4	AVG	No	Number of stolen detaches	18
DSGTCBDU	BINARY	STAT	4	AVG	No	Number of unclean detaches	17
DSGTCBDX	BINARY	STAT	4	AVG	No	Number of excess detaches	19
DSGTCBMD	EYUDA	STAT	4	LIKE	No	Open status	7
DSGTCBMD Output valid values	OPEN, NOTOPEN, UNKNOWN						
DSGTCBMM	BINARY	STAT	4	AVG	No	Number of TCB mismatches	22
DSGTCBMP	BINARY	STAT	2	MIN	No	TCB mode pool numberNot applicableOpenJVMHot poolingXPLinkSSLTHREADED	8
DSGTCBMP Input/output valid values	0 (NOTAPPLI), 1 (OPEN), 2 (JVM), 3 (HOTPOOL), 3 (XPLINK), 4 (SSL), 5 (THREADED)						
`DSGTCBNM-1`	CHAR	STAT	2	DIFF	Yes	TCB mode name	5
DSGTCBPA	BINARY	STAT	4	AVG	No	Peak number of TCBs attached	13
DSGTCBPU	BINARY	STAT	4	AVG	No	Peak number of TCBs used by mode	15
DSGTCBST	BINARY	STAT	4	AVG	No	Number of TCB steals	21
DSGTCT	INTTSTP	STAT	8	LIKE	No	CPU time used by this TCB for dispatcher task	27
DSGTDT	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 277. Valid CPSM operations

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

Table 278. 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
DSGPMMWS	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

Table 278. DSPPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
DSGTOTNW	BINARY	STAT	4	AVG	No	Total number of waits	16
DSGTOTWL	INTTSTP	STAT	8	LIKE	No	Total waiting time at TCB limit	14
`POOLNAME-1`	CHAR	CPSM	12	DIFF	Yes	TCB pool name	19

DTRINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
> 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 279. Valid CPSM operations

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

Table 280. 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 281. DTRINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification userid	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
PCONV	EYUDA	CPSM	4	Yes	LIKE	No	Pseudo-conversational mode	7
PCONV Input/output valid values	START, END, N_A							
`TRANGRP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Transaction group	5
`TRANID-2`	CHAR	CPSM	8	Yes	DIFF	Yes	Transaction	6

EACTNTFN Resource Table

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

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

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

External resource name

Length
> 200

Usage API

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICSPlex SM Notification

Copybook identifier
> EYUt2527

Table 282. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 283. 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 actionCreate external ntfnUpdate external ntfnRemove external ntfnExternal 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
ACTNTIME	TIMESTP	CPSM	8	LIKE	Local time at which this action occurred	16
DEFTYPE	BINARY	CPSM	1	LIKE	Action reference typeRTASAM sensed conditionAPM RTADEF True transitionMRM true transition	10
DEFTYPE Input/output valid values	1 (SAM), 2 (APM), 3 (MRM)					
KEY	CHAR	CPSM	134	LIKE	Resource key	14
NTFNTYPE	BIT	CPSM	1	LIKE	Type of external notificationCPSM EventExternal MessageSNA Alert	9
NTFNTYPE Input/output valid values	128 (EVENT), 64 (EXTMSG), 32 (ALERT)					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
RESTYPE	CHAR	CPSM	8	LIKE	Resource type	13
SCOPE	CHAR	CPSM	8	LIKE	Scope target	5
SEVERITY	EYUDA	CPSM	4	LIKE	Current severity	12
SEVERITY Output valid values	VLS, LS, LW, HW, HS, VHS					
SPEC	CHAR	CPSM	8	LIKE	RTA or analysis point specification name	6

ECSYSCHG Resource Table

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

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

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

External resource name

Length
24

Usage   API

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Notification

Copybook identifier
EYUt2518

Table 284. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 285. ECSYSCHG resource table attributes

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

EDEFCHG Resource Table

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

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

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

External resource name

Length
64

Usage None

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Notification

Copybook identifier
EYUt2464

Table 286. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 287. EDEFCHG resource table attributes

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

EJCINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

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
> EYUt6176

Table 288. Valid CPSM operations

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

Table 289. EJCINGRP FEEDBACK error codes

Value	Code	Description	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 290. EJCINGRP resource table attributes

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

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 291. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 292. EJCOBEAN resource table attributes

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

EJCODEF Resource Table

A CICS Definition that describes a CorbaServer.

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

The following action is supported:

INSTALL
>   Install a CorbaServer definition.
>
>   The parameter data for the INSTALL action is described in "Parameters for installing CICS definitions 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 293. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM 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 294. EJCODEF FEEDBACK error codes

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

Table 294. EJCODEF FEEDBACK error codes (continued)

25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	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
63	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required	67	CSD_ERROR	CSD access error

Table 295. EJCODEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ASSERTED	CHAR	CPSM	8	No	DIFF	No	TCP/IP service for Asserted Identity protocol				29
AUTOPUBLISH	EYUDA	CPSM	4	Yes	LIKE	No	Auto publish beans to Java naming directory (JNDI)	NO			24
AUTOPUBLISH Input/output valid values	NO, YES										
CERTIFICATE	CHAR	CPSM	56	No	DIFF	No	Secure sockets layer (SSL) client certificate				22
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	33

Table 295. EJCODEF 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	35
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	34
CIPHERS	CHAR	CPSM	56	No	LIKE	No	SSL cipher suite codes				31
CLIENTCERT	CHAR	CPSM	8	No	DIFF	No	TCP/IP service for client certificated protocol				26
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				9
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	37
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		32
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				13
DJARDIR	CHAR	CPSM	255	No	DIFF	No	CICS-deployed JAR file pickup directory				23
HOST	CHAR	CPSM	255	Yes	DIFF	No	TCP/IP host address				21
JNDIPREFIX	CHAR	CPSM	255	No	DIFF	No	Java naming directory (JNDI) prefix				18
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
OUTPRIVACY	CVDAS	CPSM	4	No	LIKE	No	Outbound privacy	SUPPORTED		E640PL	30S
OUTPRIVACY Input/output valid values	REQUIRED, SUPPORTED, NOTSUPPORTED										
PORT	CHAR	CPSM	5	No	DIFF	No	TCP/IP port number		1-65535	E620PL	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		E620PL	15S
SSL Input/output valid values	YES, NO, CLIENTCERT										
SSLPORT	CHAR	CPSM	5	No	DIFF	No	Secure socket layer (SSL) port number		1-65535	E620PL	17S
SSLPORT Input/output valid values	NO										

Table 295. 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 AUTHENTICATE=NO protocol				27
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Status	ENABLED			28
STATUS Input/output valid values	ENABLED, DISABLED										
UNAUTH	CHAR	CPSM	8	Yes	DIFF	No	TCP/IP service for unauthenticated protocol				25
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				12

EJCOSE Resource Table

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

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

The following actions are supported:

PUBLISH
Publish the Corbaserver to the JNDI directory.

RETRACT
Retract the CorbaServer from the JNDI directory.

DISCARD
Discard the CorbaServer from its associated MAS.

External resource name
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 296. 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 297. EJCOSE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
ASSERTED	CHAR	INQ	8	DIFF	No	TCP/IP service for Asserted Identity protocol			20
AUTOPUBLISH	CVDAS	INQ	4	LIKE	Yes	Auto publish beans to Java naming directory (JNDI)	NOAUTO		12
AUTOPUBLISH Input/output valid values	AUTOPUB, NOAUTO								
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	34
CERTIFICATE	CHAR	INQ	56	DIFF	No	Secure sockets layer (SSL) client certificate			9
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	25
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, 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
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								

Table 297. EJCOSE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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
`NAME-1`	CHAR	INQ	4	DIFF	Yes	CorbaServer name			1
NUMCIPHERS	BINARY	INQ	2	LIKE	No	Number of SSL cipher suite codes			23
OBJACTIVATES	BINARY	STAT	4	AVG	No	Number of Object Activates			17
OBJSTORES	BINARY	STAT	4	AVG	No	Number of Object Stores			18
OUTPRIVACY	CVDAS	INQ	4	LIKE	Yes	Outbound privacy			21
OUTPRIVACY Input/output valid values	REQUIRED, SUPPORTED, NOTSUPPORTED								
PORT	BINARY	INQ	4	AVG	No	TCP/IP port number		E620PLUS	3
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	E620PLUS	3
SSL Output valid values	NOSSL, SSL, CLIENTCERT								
SSLPORT	BINARY	INQ	4	AVG	No	Secure sockets layer (SSL) port number		E620PLUS	6
SSLUNAUTH	CHAR	INQ	8	DIFF	No	TCP/IP service for SSL AUTHENTICATE=NO protocol			15
STATE	CVDAS	INQ	4	LIKE	No	CorbaServer state usage	UNUSABLE	E630PLUS	4

Table 297. EJCOSE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
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 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
> EYUt6177

Table 298. Valid CPSM operations

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

Table 299. EJDINGRP FEEDBACK error codes

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

Table 299. EJDINGRP FEEDBACK error codes (continued)

22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 300. EJDINGRP 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
`EJDGROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
`EJDNAME-2`	CHAR	CPSM	8	Yes	DIFF	Yes	CICS-deployed JAR file definition name	6
`EJDVER-3`	BINARY	CPSM	1	Yes	AVG	Yes	CICS-deployed JAR file definition version	7

EJDJAR Resource Table

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

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

The following actions are supported:

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

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

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

External resource name
> 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 301. 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 302. EJDJAR resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	16
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	7
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, DYNAMIC, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	9
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	10
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	8
CORBASERVER	CHAR	INQ	4	DIFF	No	CorbaServer name			2
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	11
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	12
HFSFILE	CHAR	INQ	255	DIFF	No	Hierarchical file system (HFS) path			4
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	15
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, DYNAMIC, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	14
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	13
LASTMODTIME	DATETIME	INQ	8	MAX	No	Time the DJAR was last modified			6
`NAME-1`	CHAR	INQ	32	DIFF	Yes	CICS-deployed JAR file			1

Table 302. EJDJAR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
STATE	CVDAS	INQ	4	LIKE	No	CICS-deployed JAR file status	UNUSABLE		3
STATE Output valid values	INITING, INSERVICE, PENDINIT, PENDRESOLVE, UNRESOLVED, UNUSABLE, DISCARDING, RESOLVING								

EJDJBEAN Resource Table

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

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

There are no actions supported against it.

External resource name
> 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 303. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 304. EJDJBEAN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
BEANACTIVATE	BINARY	STAT	4	AVG	No	Number of Bean state Activates	4
BEANCREATES	BINARY	STAT	4	AVG	No	Number of Bean Creates	6
BEANMETHCALL	BINARY	STAT	4	AVG	No	Number of Bean Method calls	8

Table 304. EJDJBEAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
`BEANNAME-2`	CHAR	INQ	240	DIFF	Yes	Enterprise bean name	2
BEANPASSIVAT	BINARY	STAT	4	AVG	No	Number of Bean state Passivates	5
BEANREMOVES	BINARY	STAT	4	AVG	No	Number of Bean Removes	7
`CORBASERVER-3`	CHAR	INQ	4	DIFF	No	CorbaServer name	3
`NAME-1`	CHAR	INQ	32	DIFF	Yes	CICS-deployed JAR file	1

EJDJDEF Resource Table

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

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

The following actions are supported:

INSTALL

Install a CICS-deployed JAR file definition.

The parameter data for the INSTALL action is described in "Parameters for installing CICS definitions 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 305. Valid CPSM operations

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

Table 305. Valid CPSM operations (continued)

		MODE(value)	No
		NOTIFY(NO | INACTIVE | RELEASE | FULL)	
		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 306. EJDJDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid overtype	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_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

Table 306. EJDJDEF FEEDBACK error codes (continued)

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 access error			

Table 307. EJDJDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	18
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	19
CORBASERVER	CHAR	CPSM	4	Yes	DIFF	No	CorbaServer name				15
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				9
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	22
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		17
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				13
HFSFILE	CHAR	CPSM	255	Yes	DIFF	No	Hierarchical file system (HFS) path				16
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				12

ELSIGNAL 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.

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

External resource name

Length
48

Usage   API

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICSPlex SM Notification

Copybook identifier
> EYUt2568

Table 308. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 309. 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 310. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 311. EMASJOIN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CECNAME	CHAR	CPSM	8	LIKE	CEC name	24
CMASNAME	CHAR	CPSM	8	LIKE	CMAS name	4
CSYSAPPL	CHAR	CPSM	8	LIKE	VTAM application ID	14
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	6
DAYLGHTSV	EYUDA	CPSM	4	LIKE	Daylight saving time in effect	19
DAYLGHTSV Output valid values	YES, NO					
DESC	CHAR	CPSM	58	DIFF	Description	13
DYNROUTE	BINARY	CPSM	1	LIKE	Dynamic routing mode Routing active Routing 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.

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

External resource name

Length
208

Usage API

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Notification

Copybook identifier
EYUt2402

Table 312. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 313. EMASSICK resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CHGSTALL1	BIT	CPSM	1	LIKE	First stall indicator flag Enqueue suspended Task wait suspended DLI suspended DB control suspended Storage suspended Unknown suspended Dispable (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)					

Table 313. EMASSICK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CHGSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flag Dispatcher suspended Allocate session suspended Terminal control suspended Interval control suspended File I/O suspended Temporary storage suspend Transient data suspended Journal suspended	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 suspended Log Manager suspended Interregn link suspended DB2 suspended Lock manager suspended XRF suspended Program manager suspended Transaction manager suspended	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 suspended Resource manager suspended Console domain suspended Sockets domain suspended MQSeries suspended User suspended Web services suspended	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 suspended Task wait suspended DLI suspended DB control suspended Storage suspended Unknown suspended 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 suspended Allocate session suspended Terminal control suspended Interval control suspended File I/O suspended Temporary storage suspended Transient data suspended Journal suspended	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 suspended Log Manager suspended Interregn link suspended DB2 suspended Lock manager suspended XRF suspended Program manager suspended Transaction manager suspended	36
CURSTALL3 Input/output valid values	128 (EJB), 64 (LOGGER), 32 (IRLINK), 16 (DB2), 8 (LOCK), 4 (XRF), 2 (PROGRAM), 1 (TRANSACT)					

Table 313. EMASSICK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CURSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag IP interconnectivity suspended Resource manager suspended Console domain suspended Sockets domain suspended MQSeries suspended User suspended Web services suspended	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
LOSTMAS_TIM	TIMESTP	CPSM	8	LIKE	MAS lost contact time	46
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, LOSTMAS					
SOSABOVE_TIM	TIMESTP	CPSM	8	LIKE	Time detected SOS above 16M	24
SOSBELOW_TIM	TIMESTP	CPSM	8	LIKE	Time detected SOS below 16M	25
SOSCDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected CDSA SOS	17
SOSCONDS	BIT	CPSM	1	LIKE	Storage health indicators UDSA SOS CDSA SOS EUDSA SOS ECDSA SOS ERDSA SOS SDSA SOS ESDSA SOS 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 SOS above 16M SOS below 16M MVS is short on storage SOS Above bar	9
SOSCONDS2 Input/output valid values	128 (SOSABOVE), 64 (SOSBELOW), 32 (SOSMVS), 16 (SOSGCDSA)					
SOSECDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected ECDSA SOS	19
SOSERDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected ERDSA SOS	20
SOSESDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected ESDSA SOS	22
SOSEUDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected EUDSA SOS	18
SOSGCDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected SOS above bar	45
SOSMVS_TIM	TIMESTP	CPSM	8	LIKE	Time detected MVS SOS	44
SOSRDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected RDSA SOS	23
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

Table 313. EMASSICK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
SYSCONDS	BIT	CPSM	1	LIKE	System health indicators System dumping Transaction dumping Max tasks 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 314. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 315. EMASSTOP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CECNAME	CHAR	CPSM	8	LIKE	CEC name	20
CMASNAME	CHAR	CPSM	8	LIKE	CMAS name	4

Table 315. EMASSTOP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSAPPL	CHAR	CPSM	8	LIKE	VTAM application ID	14
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	6
DESC	CHAR	CPSM	58	DIFF	Description	13
DYNROUTE	BINARY	CPSM	1	LIKE	Dynamic routing mode Routing active Routing 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 316. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 317. EMASSTRT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CECNAME	CHAR	CPSM	8	LIKE	CEC name	24
CMASNAME	CHAR	CPSM	8	LIKE	CMAS name	4
CSYSAPPL	CHAR	CPSM	8	LIKE	VTAM application ID	14
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	6
DAYLGHTSV	EYUDA	CPSM	4	LIKE	Daylight saving time in effect	19
DAYLGHTSV Output valid values	YES, NO					
DESC	CHAR	CPSM	58	DIFF	Description	13
DYNROUTE	BINARY	CPSM	1	LIKE	Dynamic routing modeRouting ACTIVERouting SUSPENDED	11
DYNROUTE Input/output valid values	1 (ACTIVE), 2 (SUSPEND)					
DYNTYPE	CHAR	CPSM	3	LIKE	Dynamic routing type	12
JOBNAME	CHAR	CPSM	8	LIKE	MAS job name	23
MASSTART	TIMESTP	CPSM	8	LIKE	MAS start time	15
MON_SPEC	CHAR	CPSM	8	LIKE	Monitor specification name	7
MVSNAME	CHAR	CPSM	4	LIKE	MVS system name	22
OPSYSREL	CHAR	CPSM	4	LIKE	MAS operating system release	21
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	5
RTA_SPEC	CHAR	CPSM	8	LIKE	Real Time Analysis (RTA) specification name	8
STATUS	BIT	CPSM	1	LIKE	StatusLocal MASRemote MAS	10
STATUS Input/output valid values	128 (LOCAL), 64 (REMOTE)					
SYSID	CHAR	CPSM	4	LIKE	MAS system ID	20
SYSPLEX	CHAR	CPSM	8	LIKE	SYSPlex name	25
TMEZONE	CHAR	CPSM	1	LIKE	Time zone	17
TMEZONEO	BINARY	CPSM	1	LIKE	Time zone offset	16
WLM_SPEC	CHAR	CPSM	8	LIKE	Workload manager specification name	9

EMASWELL Resource Table

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

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

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

External resource name

Length
208

Usage   API

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Notification

Copybook identifier
EYUt2403

Table 318. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 319. 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)					

Table 319. EMASWELL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
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
CURSTALL1	BIT	CPSM	1	LIKE	First stall indicator flagEnqueue suspendTask wait suspendDLI suspendDB control suspendStorage suspendUnknown suspendDispable (not used)Running (not used)	38
CURSTALL1 Input/output valid values	128 (ENQUEUE), 64 (TASKWAIT), 32 (DLI), 16 (DBCTRL), 8 (STORAGE), 4 (UNKNOWN), 2 (DISPABLE), 1 (RUNNING)					
CURSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flagDispatcher suspendAllc session suspendTerminal 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 (TRANSACT)					
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

Table 319. EMASWELL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
DUMP_USERID	CHAR	CPSM	8	LIKE	Last dump user ID	29
LOSTMAS_TIM	TIMESTP	CPSM	8	LIKE	Time relieved MAS lost contact	46
MASTYPE	BIT	CPSM	1	LIKE	StatusLocal MASRemote MAS	6
MASTYPE Input/output valid values	128 (LOCAL), 64 (REMOTE)					
MAXTASK_TIM	TIMESTP	CPSM	8	LIKE	Time relieved maximum task limit	13
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
SOSABOVE_TIM	TIMESTP	CPSM	8	LIKE	Time relieved SOS above 16M	24
SOSBELOW_TIM	TIMESTP	CPSM	8	LIKE	Time relieved SOS below 16M	25
SOSCDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved CDSA SOS	17
SOSCONDS	BIT	CPSM	1	LIKE	Storage health indicatorsOn-not UDSA SOSOn-not CDSA SOSOn-not EUDSA SOSOn-not ECDSA SOSOn-not ERDSA SOSOn-not SDSA SOSOn-not ESDSA SOSOn-not RDSA SOS	8
SOSCONDS Input/output valid values	128 (SOSUDSA), 64 (SOSCDSA), 32 (SOSEUDSA), 16 (SOSECDSA), 8 (SOSERDSA), 4 (SOSSDSA), 2 (SOSESDSA), 1 (SOSRDSA)					
SOSCONDS2	BIT	CPSM	1	LIKE	Storage health indicatorsOn-not SOS above 16MOn-not SOS below 16MOn-not SOS in MVSOn-not SOS above bar	9
SOSCONDS2 Input/output valid values	128 (SOSABOVE), 64 (SOSBELOW), 32 (SOSMVS), 16 (SOSGCDSA)					
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 indicatorsOn-not sys dumpingOn-not tran dumpingOn-not at max tasksOn-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, LOSTMAS					

EMCICS Resource Table

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

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

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

External resource name

Length
24

Usage API

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Notification

Copybook identifier
EYUt2467

Table 320. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 321. EMCICS resource table attributes

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

EMCONN Resource Table

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

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

EMCONN is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MCONN resource class. This notification can be used

to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS .

External resource name

Length
>   24

Usage API

API view
>   No

CMAS context
>   No

SCOPE applies
>   No

Only query CMASs in workload
>   No

Object type
>   CICSPlex SM Notification

Copybook identifier
>   EYUt2470

Table 322. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 323. EMCONN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	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 324. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 325. EMDBX resource table attributes

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

EMFILE Resource Table

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

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

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

External resource name

Length
> 24

Usage API

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
CICSPlex SM Notification

Copybook identifier
EYUt2471

Table 326. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 327. EMFILE resource table attributes

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

EMGLBL Resource Table

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

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

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

External resource name

Length
24

Usage API

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Notification

Copybook identifier
EYUt2468

Table 328. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 329. EMGLBL resource table attributes

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

EMJRNL Resource Table

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

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

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

External resource name

Length
24

Usage API

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Notification

Copybook identifier
EYUt2472

Table 330. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 331. EMJRNL resource table attributes

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

EMPROG Resource Table

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

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

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

External resource name

Length
24

Usage   API

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Notification

Copybook identifier
EYUt2473

Table 332. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 333. 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 recieve the asynchronous output on a regular and frequent basis. A program should assume that each MAS generates an EMSTATUS notification at least every 15 seconds for as long as it is connected to the CICSplex. In a CICSplex with 50 active MAS instances, this can result in 200 EMSTATUS notifications every minute in every CMAS managing the CICSplex. If a program registers interest in EMSTATUS, but does not process the notifications in a timely manner, large amounts of data space storage will be used to hold copies of these notifications.

External resource name

Length
224

Usage API

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Notification

Copybook identifier
EYUt2507

Table 334. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 335. EMSTATUS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
AMAXTASKS	BINARY	INQ	4	LIKE	Maximum number of active tasks	35
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
CURRTASKS	BINARY	INQ	4	LIKE	Current number of tasks	36
CURSTALL1	BIT	CPSM	1	LIKE	First stall indicator flag Enqueue suspended Task wait suspended DLI suspended DB control suspended Storage suspended Unknown suspended Dispatched-unused Running-unused	46

Table 335. EMSTATUS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CURSTALL1 Input/output valid values	128 (ENQUEUE), 64 (TASKWAIT), 32 (DLI), 16 (DBCTRL), 8 (STORAGE), 4 (UNKNOWN), 2 (DISABLE), 1 (RUNNING)					
CURSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flag Dispatcher suspended Allocate session suspended Terminal control suspended Interval control suspended File I/O suspended Temporary storage suspend Transient data suspended Journal suspended	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 suspended Log manager suspended Interregn link suspended DB2 suspended Lock manager suspended XRF suspended Program manager suspended Transaction Manager suspended	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 suspended Resource manager suspended Console suspended Sockets domain suspended MQSeries suspended User suspended Web services suspended	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, LOSTMAS					
LOSTCON_TIM	TIMESTP	CPSM	8	LIKE	MAS lost contact time	50
MASTYPE	BIT	CPSM	1	LIKE	Status Local MAS Remote MAS Using CPSM WRAM program RS 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

Table 335. EMSTATUS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
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 UDSA SOS CDSA SOS EUDSA SOS ECDSA SOS ERDSA SOS SDSA SOS ESDSA SOS 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 SOS above 16M SOS below 16M Short of MVS storage 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 indicators System dumping Transaction dumping At max tasks Stalled CICS V3 modename Queue 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 336. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 337. EMTDQS resource table attributes

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

EMTERM Resource Table

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

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

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

External resource name

Length
24

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSPlex SM Notification

Copybook identifier

EYUt2534

Table 338. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 339. EMTERM resource table attributes

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

EMTRAN Resource Table

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

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

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

External resource name

Length

24

Usage   API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload
No

Object type
CICSPlex SM Notification

Copybook identifier
EYUt2475

Table 340. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 341. EMTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	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 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
EYUt6167

Table 342. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 342. Valid CPSM operations (continued)

CREATE	None	N/A
REMOVE	None	N/A

Table 343. 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 344. ENQINGRP resource table attributes

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

ENQMDEF Resource Table

A CICS Definition that describes an ENQ/DEQ model.

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

The following actions are supported:

INSTALL
Install an ENQ/DEQ Model Definition.

The parameter data for the INSTALL action is described in "Parameters for installing CICS definitions 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 345. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM 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 346. 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

Table 346. ENQMDEF FEEDBACK error codes (continued)

25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_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 access error			

Table 347. ENQMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	18
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	19
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				12
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	22
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		17
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				16

Table 347. ENQMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ENQNAME	CHAR	CPSM	255	Yes	DIFF	No	Enqueue resource name				11
ENQSCOPE	CHAR	CPSM	4	No	DIFF	No	Enqueue scope name				9
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Enqueue status	ENABLED			10
STATUS Input/output valid values	ENABLED, DISABLED										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				13
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				14
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				15

ENQMODEL Resource Table

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

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

The following actions are supported:

DISABLE
> Disable an ENQ/DEQ model.

DISCARD
> Discard an ENQ/DEQ model.

ENABLE
> Enable an ENQ/DEQ model.

These actions require no unique parameter data.

External resource name
> 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

Table 348. 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 349. ENQMODEL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	15
CHANGEAGENT	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
`NAME-1`	CHAR	INQ	8	DIFF	Yes	Enqueue model name			1

ENQUEUE Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
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 350. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 351. ENQUEUE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
NQGACNQRT	INTTSTP	STAT	8	MAX	No	Average retention time for enqueue requests	28
NQGAGNQWT	INTTSTP	STAT	8	MAX	No	Average waiting time for sysplex enqueue requests	26
NQGATNQWT	INTTSTP	STAT	8	MAX	No	Average waiting time for enqueue requests	24
NQGCACNQRT	INTTSTP	STAT	8	MAX	No	Average retention time for current enqueues	29
NQGCAGNQWT	INTTSTP	STAT	8	MAX	No	Average waiting time for current sysplex enqueues	27
NQGCATNQWT	INTTSTP	STAT	8	MAX	No	Average waiting time for current waiting enqueues	25
NQGCNQRT	INTTSTP	STAT	8	MAX	No	Retention time for enqueues retained currently	23

Table 351. ENQUEUE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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
`NQGPOOL-1`	CHAR	STAT	8	DIFF	Yes	Enqueue pool ID	5
NQGSNQSW	BINARY	STAT	4	AVG	No	Sysplex enqueue request count waiting currently	10
NQGSNQWT	INTTSTP	STAT	8	MAX	No	Waiting time for current sysplex enqueue requests	21
NQGTIRJB	BINARY	STAT	4	AVG	No	Total enqueue requests rejected with ENQBUSY	13
NQGTIRJR	BINARY	STAT	4	AVG	No	Total enqueue requests rejected ENQ retained	14
NQGTNQRT	INTTSTP	STAT	8	MAX	No	Total retention time for enqueue requests	22
NQGTNQSI	BINARY	STAT	4	AVG	No	Total number of enqueues issued	6
NQGTNQSR	BINARY	STAT	4	AVG	No	Total enqueue requests that were retained	11
NQGTNQSW	BINARY	STAT	4	AVG	No	Total number of enqueue requests that waited	7
NQGTNQWT	INTTSTP	STAT	8	MAX	No	Total waiting time for enqueue requests	18
NQGTWPOP	BINARY	STAT	4	AVG	No	Total waiting enqueue requests purged by operator	16
NQGTWPTO	BINARY	STAT	4	AVG	No	Total waiting enqueue requests purged by timeout	17
NQGTWRJR	BINARY	STAT	4	AVG	No	Total waiting enqueues rejected ENQ retained	15

EPADAPT Resource Table

This CICS resource object provides information about event processing adapters.

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

The following actions are supported:

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

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

External resource name
> CICSEPAdapter

Length
> 240

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
> EYUt0199

Table 352. 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 353. EPADAPT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ADAPTERTYPE	CVDAS	INQ	4	LIKE	Yes	Adapter type	3
ADAPTERTYPE Input/output valid values	CUSTOM, HTTP, TRANSTART, TSQUEUE, WMQ						
AUTHORITY	CVDAS	INQ	4	LIKE	Yes	Authority	4
AUTHORITY Input/output valid values	CONTEXT, REGION, USERID						
AUTHUSERID	CHAR	INQ	8	DIFF	Yes	Authority user ID	16
BUNDLE	CHAR	INQ	8	DIFF	Yes	Bundle name	25
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent	6
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC						
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release	7
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time	14
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID	8
CONFIGDATA1	CHAR	INQ	64	DIFF	Yes	Event processing adapter configuration data	17
DATAFORMAT	CVDAS	INQ	4	LIKE	Yes	Event format	18
DATAFORMAT Input/output valid values	USER, CBER, CBE, CCE, CFE, WBE						

Table 353. EPADAPT 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
EMITMODE	CVDAS	INQ	4	LIKE	Yes	Emission mode	19
EMITMODE Input/output valid values	ASYNCHRONOUS, SYNCHRONOUS						
ENABLESTATUS	CVDAS	CPSM	4	LIKE	Yes	Enabled status	2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED						
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent	10
INSTALLAGENT Input/output valid values	BUNDLE						
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time	15
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID	11
INVOKETYPE	CVDAS	INQ	4	LIKE	Yes	Invoke type	20
INVOKETYPE Input/output valid values	ATTACH, LINK						
`NAME-1`	CHAR	INQ	32	DIFF	Yes	Name	1
PRIORITY	CVDAS	INQ	4	LIKE	Yes	Priority	21
PRIORITY Input/output valid values	HIGH, NORMAL						
PROGRAM	CHAR	INQ	8	DIFF	Yes	Program	22
PUTEVENTS	BINARY	STAT	4	MAX	No	Number of events emitted	26
TRANSACTION	CHAR	INQ	4	DIFF	Yes	Transaction	23
TRANSMODE	CVDAS	INQ	4	LIKE	Yes	Transactionality	24
TRANSMODE Input/output valid values	NONTRANS, TRANS						

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 354. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 355. 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 356. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 357. 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 358. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 359. ERMCAIMD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actionInstall ResourceDiscard ResourceUpdate Resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	Autoinstalled model name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCATOM Resource Table

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

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

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

External resource name

Length
32

Usage   API

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Notification

Copybook identifier
EYUt2651

Table 360. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 361. ERMCATOM 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	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 362. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 363. 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)					

Table 363. ERMCBUND 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	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 364. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 365. 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

Table 365. ERMCCONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
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

ERMCDB2C 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.

ERMCDB2C 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 366. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 367. ERMCDB2C 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

ERMCDB2E 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.

ERMCDB2E 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 368. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 369. ERMCDB2E 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

ERMCDB2T 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.

ERMCDB2T 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 370. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 371. ERMCDB2T 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

ERMCDOCT Resource Table

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

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

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

External resource name

Length
>32

Usage API

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Notification

Copybook identifier
EYUt2631

Table 372. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 373. ERMCDOCT resource table attributes

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

ERMCDSNM Resource Table

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

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

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

External resource name

Length
72

Usage API

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Notification

Copybook identifier
EYUt2585

Table 374. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 375. ERMCDSNM 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

ERMCENQM 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.

ERMCENQM 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 376. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 377. ERMCENQM 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 378. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 379. 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	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 380. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 381. 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)					

Table 381. ERMCEVCS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
EVENTBINDING	CHAR	CPSM	32	LIKE	Event binding name	7
NAME	CHAR	CPSM	32	LIKE	Event Processing Capture Spec name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

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 382. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 383. 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 384. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 385. 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 386. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 387. 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 388. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 389. 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

ERMCFILE Resource Table

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

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

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

External resource name

Length
> 48

Usage API

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
No

Object type
CICSPlex SM Notification

Copybook identifier
EYUt2493

Table 390. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 391. 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

ERMCGLUE 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.

ERMCGLUE 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 392. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 393. 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

ERMCIPCN Resource Table

The ERMCIPCN 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 394. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 395. ERMCIPCN 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

ERMCJRNL 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.

ERMCJRNL 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 396. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 397. ERMCJRNL 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
JRNLTYPE	CVDAS	INQ	4	LIKE	Journal type	6
JRNLTYPE 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

ERMCJRNM 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.

ERMCJRNM 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 398. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 399. ERMCJRNM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actionInstall resourceDiscard resourceUpdate resource	8

Table 399. ERMCJRNM 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
JRNLTYPE	CVDAS	INQ	4	LIKE	Log stream type	6
JRNLTYPE Output valid values	MVS, SMF, DUMMY					
NAME	BINARY	INQ	2	LIKE	Journal name	7
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCJVMS 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.

ERMCJVMS is emitted by a Topology control object when a JVMSERVER 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 400. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 401. ERMCJVMS 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 401. ERMCJVMS 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	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 402. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 403. 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
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 404. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 405. 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

ERMCOSGB Resource Table

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

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

ERMCOSGB is emitted by topology control object when an OSGIBUNDLE resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length
    40

Usage API

API view
    No

CMAS context
    No

SCOPE applies
    No

Only query CMASs in workload
    No

Object type
    CICSPlex SM Notification

Copybook identifier
    EYUt2668

Table 406. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 407. ERMCOSGB resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	11
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
JVMSERVER	CHAR	CPSM	8	LIKE	JVM Server name	7
OSGIBUNDLEID	BINARY	CPSM	8	LIKE	OSGI bundle ID	6
OSGISTATUS	CVDAS	INQ	4	LIKE	OSGI bundle Status	8
OSGISTATUS Input/output valid values	ACTIVE, INSTALLED, RESOLVED, STARTING, STOPPING, UNINSTALLED					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCOSGS Resource Table

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

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

ERMCOSGS is emitted by topology control object when an OSGISERVICE resource map is changed. The resource that caused the change and the action are described in the notification.

| External resource name

| Length
| 40

| Usage   API

| API view
| No

| CMAS context
| No

| SCOPE applies
| No

| Only query CMASs in workload
| No

| Object type
| CICSPlex SM Notification

| Copybook identifier
| EYUt2667

| *Table 408. Valid CPSM operations*

Operations	Actions	Parameters	Required

| *Table 409. ERMCOSGS resource table attributes*

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	11
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
JVMSERVER	CHAR	CPSM	8	LIKE	JVM Server name	7
OSGISERVID	BINARY	CPSM	8	LIKE	OSGI service ID	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
SRVCSTATUS	CVDAS	INQ	4	LIKE	Service Status	8
SRVCSTATUS Input/output valid values	ACTIVE, INACTIVE					

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 410. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 411. 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

ERMCPIPE Resource Table

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

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

ERMCPIPE is emitted by a topology control object when a pipeline resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length
>   32

Usage API

API view
>   No

CMAS context
>   No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Notification

Copybook identifier
EYUt2650

Table 412. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 413. ERMCPIPE 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 414. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 415. ERMCPRGM resource table attributes

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

ERMCPROF Resource Table

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

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

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

External resource name

Length
        32

Usage API

API view
        No

CMAS context
        No

SCOPE applies
        No

Only query CMASs in workload
        No

Object type
        CICSPlex SM Notification

Copybook identifier
        EYUt2562

Table 416. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 417. 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 418. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 419. 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

Table 419. ERMCPRTY resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
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 420. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 421. 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

ERMCSDMP 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.

ERMCSDMP 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 422. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 423. ERMCSDMP resource table attributes

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

ERMCTCPS Resource Table

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

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

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

External resource name

Length
32

Usage API

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Notification

Copybook identifier
EYUt2630

Table 424. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 425. 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 426. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 427. 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 428. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 429. 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 430. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 431. 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 432. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 433. 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 434. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 435. ERMCTRUE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actionInstall resourceDiscard resourceUpdate resource	7
ACTION Input/output valid values	I (INS), D (DSC), U (UPD)					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
ENTRYNME	CHAR	CPSM	8	LIKE	Entry Name	8
NAME	CHAR	CPSM	8	LIKE	Task-related user exit program name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCTSMD Resource Table

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

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

ERMCTSMD is emitted by a Topology control object when a temporary storage queue resource map is changed. The resource that caused the change and the action are described in the notification.

External resource name

Length
32

Usage API

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Notification

Copybook identifier
EYUt2624

Table 436. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 437. ERMCTSMD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change actioninstall resourcediscard resourceupdate resource	7

Table 437. ERMCTSMD 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	TS model name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4

ERMCURIM Resource Table

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

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

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

External resource name

Length
> 32

Usage   API

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICSPlex SM Notification

Copybook identifier
> EYUt2649

Table 438. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 439. 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

Name	Datatype	Source	Len	Sum	Description	Attr ID
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 440. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 441. ERMCWEBS 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

ERMCXMLT Resource Table

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

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

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

External resource name

Length
> 56

Usage API

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICSPlex SM Notification

Copybook identifier
> EYUt2658

Table 442. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 443. ERMCXMLT 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	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 444. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 445. 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 446. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 447. 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 448. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 449. ERMMJRNL resource table attributes

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

ERMMPRGM Resource Table

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

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

ERMMPRGM is emitted by a Topology control object when a program resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

External resource name

Length
> 16

Usage   API

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICSPlex SM Notification

Copybook identifier
> EYUt2503

Table 450. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 451. 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 452. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 453. 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 454. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 455. ERMMTERM resource table attributes

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

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 456. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 457. 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 458. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 459. 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 460. Valid CPSM operations

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

Table 461. 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

Table 461. EVALDEF FEEDBACK error codes (continued)

6	INV_RESTYPE					Invalid resource type	7	INV_ATTR		Attribute does not exist or is not settable

Table 462. 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
EVALDATA	CHAR	CPSM	44	Yes	DIFF	No	Evaluation data value			33
EVALOPER	EYUDA	CPSM	4	Yes	LIKE	No	Evaluation logical operator	N_A		9
EVALOPER Input/output valid values	N_A, EQ, NE, LT, GT, LE, GE									
EVALTYPE	EYUDA	CPSM	4	Yes	LIKE	No	Evaluation type			7
EVALTYPE Input/output valid values	VALUE, THRESHOLD									
FILTER	CHAR	CPSM	800	No	DIFF	No	Filter string			37
GETPARMS	CHAR	CPSM	42	No	DIFF	No	Get parameters			42
HSDATA	CHAR	CPSM	12	Yes	DIFF	No	Lower bound of range for HS			21
HWDATA	CHAR	CPSM	12	Yes	DIFF	No	Lower bound of range for HW			19
INSTANCE	CHAR	CPSM	44	Yes	DIFF	No	Instance identifier of evaluated resource			31
LSDATA	CHAR	CPSM	12	Yes	DIFF	No	Upper bound of range for LS			15
LWDATA	CHAR	CPSM	12	Yes	DIFF	No	Upper bound of range for LW			17
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name			5
OPRSTRING	CHAR	CPSM	320	No	DIFF	No	Modification string			39
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

Table 462. EVALDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
SEPTASK Input/output valid values	YES, NO									
SETACTION	EYUDA	CPSM	4	Yes	LIKE	No	Method of evaluating results in result set			8
SETACTION Input/output valid values	ALL, ANY, SUM, MIN, MAX, AVG, CNT									
SEVERITY	EYUDA	CPSM	4	Yes	LIKE	No	Severity assigned when result meets criteria	N_A		11
SEVERITY Input/output valid values	N_A, VLS, LS, LW, HW, HS, VHS									
TABLE	CHAR	CPSM	8	Yes	DIFF	No	Resource table			25
VHSDATA	CHAR	CPSM	12	Yes	DIFF	No	Lower bound of range for VHS			23
VIEW	CHAR	CPSM	8	No	DIFF	No	View that may provide extra information			24
VLSDATA	CHAR	CPSM	12	Yes	DIFF	No	Upper bound of range for VLS			13

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
240

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 463. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 464. EVCSPEC resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
CAPTUREPOINT	CHAR	INQ	25	DIFF	No	Capture point		6
`CAPTURESPEC-2`	CHAR	INQ	32	DIFF	Yes	Capture specification name		1
CAPTURETYPE	CVDAS	INQ	4	LIKE	No	Capture point type		3
CAPTURETYPE Output valid values	PRECOMMAND, POSTCOMMAND, PROGRAMINIT, SYSTEM							
CURRPGM	CHAR	INQ	8	DIFF	No	Current program filter value	E640 E650 E660	9
CURRPGMOP	CVDAS	INQ	4	DIFF	No	Current program filter operator	E640 E650 E660	10
CURRPGMOP Output valid values	ALLVALUES, DOESNOTEQUAL, DOESNOTSTART, EQUALS, GREATERTHAN, ISNOTGREATER, ISNOTLESS, LESSTHAN, STARTSWITH							
CURRTRANID	CHAR	INQ	4	DIFF	No	Current transaction ID filter value	E640 E650 E660	11
CURRTRANIDOP	CVDAS	INQ	4	DIFF	No	Current transaction ID filter operator	E640 E650 E660	12
CURRTRANIDOP Output valid values	ALLVALUES, DOESNOTEQUAL, DOESNOTSTART, EQUALS, GREATERTHAN, ISNOTGREATER, ISNOTLESS, LESSTHAN, STARTSWITH							
CURRUSERID	CHAR	INQ	8	DIFF	No	Current user ID filter value	E640 E650 E660	13
CURRUSERIDOP	CVDAS	INQ	4	DIFF	No	Current user ID filter operator	E640 E650 E660	14
CURRUSERIDOP Output valid values	ALLVALUES, DOESNOTEQUAL, DOESNOTSTART, EQUALS, GREATERTHAN, ISNOTGREATER, ISNOTLESS, LESSTHAN, STARTSWITH							
`EVENTBINDING-1`	CHAR	INQ	32	DIFF	No	Event binding name		2
EVENTNAME	CHAR	INQ	32	DIFF	No	Event name		4
EVNTCAPFAIL	BINARY	STAT	4	DIFF	No	Capture failures	E640 E650 E660	8
EVNTCAPTURED	BINARY	STAT	8	SUM	No	Events captured		5

Table 464. EVCSPEC resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
NUMDATAPRED	BINARY	INQ	4	SUM	No	Data predicate count	E640 E650 E660	19
NUMINFOSRCE	BINARY	INQ	4	SUM	No	Information source count	E640 E650 E660	20
NUMOPTPRED	BINARY	INQ	4	SUM	No	Option predicate count	E640 E650 E660	18
PRIMPRED	CHAR	INQ	32	DIFF	No	Primary predicate filter value	E640 E650 E660	15
PRIMPREDOP	CVDAS	INQ	4	DIFF	No	Primary predicate filter operator	E640 E650 E660	16
PRIMPREDOP Output valid values	ALLVALUES, DOESNOTEQUAL, DOESNOTSTART, EQUALS, GREATERTHAN, ISNOTGREATER, ISNOTLESS, LESSTHAN, STARTSWITH							
PRIMPREDTYPE	CVDAS	INQ	4	DIFF	No	Primary predicate type	E640 E650 E660	17
PRIMPREDTYPE Output valid values	CONTAINER, CURRENTPGM, EVENT, FILE, MAP, NONE, PROGRAM, TDQUEUE, TRANCLASS, TSQUEUE, SERVICE, TRANSACTION							

EVCSDATA Resource Table

This CICS resource object provides information about deployed data predicates.

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

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

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

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

This resource class has no object specific actions.

External resource name
> CICSCaptureSpecificationDataPredicate

Length
> 496

Usage   API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
CICS Resource

Copybook identifier
EYUt0202

Table 465. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 466. EVCSDATA resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
`CAPTURESPEC-2`	CHAR	INQ	32	DIFF	Yes	Capture specification name	1
CONTAINER	CHAR	INQ	16	DIFF	No	Container name	3
`EVENTBINDING-1`	CHAR	INQ	32	DIFF	No	Event binding name	2
FIELDLENGTH	BINARY	INQ	4	MAX	No	Field length	4
FIELDOFFSET	BINARY	INQ	4	MAX	No	The data offset within the data source	5
FILENAME	CHAR	INQ	32	DIFF	No	Language structure file name	6
FILTERVALUE	CHAR	INQ	255	DIFF	No	Application data predicate value	14
LOCATION	CHAR	INQ	32	DIFF	No	Location of the data	8
OPERATOR	CVDAS	INQ	4	LIKE	No	Comparative operator for this predicate	12
OPERATOR Output valid values	DOESNOTEQUAL, DOESNOTEXIST, DOESNOTSTART, EQUALS, EXISTS, GREATERTHAN, ISNOTGREATER, ISNOTLESS, LESSTHAN, STARTSWITH						
`SEQNUMBER-3`	BINARY	CPSM	4	MAX	No	Browse sequence number	13
STRUCTNAME	CHAR	INQ	32	DIFF	No	Language structure name	10
VARIABLENAME	CHAR	INQ	32	DIFF	No	Language structure variable name	11

EVCSINFO Resource Table

This CICS resource object provides information about deployed information sources.

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

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

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

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

This resource class has no object specific actions.

External resource name
CICSCaptureSpecificationInformationSource

Length
> 272

Usage API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Resource

Copybook identifier
> EYUt0203

Table 467. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 468. EVCSINFO resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
`CAPTURESPEC-2`	CHAR	INQ	32	DIFF	Yes	Capture specification name	1
CONTAINER	CHAR	INQ	16	DIFF	No	Container name	3
`EVENTBINDING-1`	CHAR	INQ	32	DIFF	No	Event binding name	2
FIELDLENGTH	BINARY	INQ	4	MAX	No	Field length	4
FIELDOFFSET	BINARY	INQ	4	MAX	No	The data offset within the data source	5
FILENAME	CHAR	INQ	32	DIFF	No	Language structure file name	6
ITEMNAME	CHAR	INQ	32	DIFF	No	Emitted business information name	12
LOCATION	CHAR	INQ	32	DIFF	No	Location of the data	8
`SEQNUMBER-3`	BINARY	CPSM	4	MAX	No	Browse sequence number	13
STRUCTNAME	CHAR	INQ	32	DIFF	No	Language structure name	10
VARIABLENAME	CHAR	INQ	32	DIFF	No	Language structure variable name	11

EVCSOPT Resource Table

This CICS resource object provides information about deployed option predicates.

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

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

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

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

This resource class has no object specific actions.

External resource name
CICSCaptureSpecificationOptionPredicate

Length
376

Usage   API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0201

Table 469. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 470. EVCSOPT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
`CAPTURESPEC-2`	CHAR	INQ	32	DIFF	Yes	Capture specification name	1
`EVENTBINDING-1`	CHAR	INQ	32	DIFF	No	Event binding name	2
FILTERVALUE	CHAR	INQ	255	DIFF	No	Filter value	5
OPERATOR	CVDAS	INQ	4	DIFF	No	Comparative operator for this predicate	4
OPERATOR Output valid values	DOESNOTEQUAL, DOESNOTEXIST, DOESNOTSTART, EQUALS, EXISTS, GOHIGHERTHAN, GOLOWERTHAN, GREATERTHAN, ISNOTGREATER, ISNOTLESS, LESSTHAN, STARTSWITH						
OPTIONNAME	CHAR		32	LIKE	Yes	Option name	0
`SEQNUMBER-3`	BINARY	CPSM	4	MAX	No	Browse sequence number	13

EVENTDTL Resource Table

A CPSM Real Time Analysis Manager object that describes an evaluation that participated in the generation of an EVENT. Not all events have detail objects (refer to the DETAIL attribute of the EVENT resource table.) When present, an EVENTDTL instance is the runtime object built from an EVALDEF definition.

While the EVENT resource class identifies multiple key attributes, only the NAME attribute can be specified in an EVALDEF INSTANCE attribute.

There are no object specific actions for this resource class.

When EVENTDTL instances are requested using the API GET or REFRESH commands, the data values returned are the most current values used by the evaluation service. It is possible to see intermediate evaluation state transitions that occur before an analysis of the RTADEF that references the evaluation.

External resource name
　　CICSRTAEventDetail

Length
　　480

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 471. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 472. EVENTDTL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
`CONTEXT-1`	CHAR	CPSM	8	DIFF	Yes	Context	35
CURRDATA	TEXT	CPSM	44	DIFF	No	Actual data value at last evaluation	31
DATETIME	DATETIME	CPSM	8	MAX	No	Date and time when evaluation was last true	24
EDEFTIME	DATETIME	CPSM	8	MAX	No	Date and time when evaluation definition created	23
EVALCOL	CHAR	CPSM	12	DIFF	No	Name of field being evaluated	27
EVALDATA	TEXT	CPSM	44	DIFF	No	Evaluation data value	29
EVALOPER	EYUDA	CPSM	4	LIKE	No	Evaluation logical operator	10
EVALOPER Output valid values	EQ, NE, LT, GT, LE, GE						

Table 472. EVENTDTL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EVALTYPE	EYUDA	CPSM	4	LIKE	No	Evaluation type	9
EVALTYPE Output valid values	VALUE, THRESHOLD						
`EVENT-2`	CHAR	CPSM	8	DIFF	Yes	Associated event name	5
`EVNTSEV-4`	EYUDA	CPSM	4	LIKE	Yes	Event severity	36
EVNTSEV-4 Output valid values	VLS, LS, LW, NM, HW, HS, VHS						
HSDATA	CHAR	CPSM	12	DIFF	No	Lower boundary for severity of HS	21
HWDATA	CHAR	CPSM	12	DIFF	No	Lower boundary for severity of HW	20
INSTANCE	CHAR	CPSM	44	DIFF	No	Name of resource being evaluated	26
KEY	CHAR	CPSM	134	DIFF	No	Identifier of specific resource that caused event	34
LSDATA	CHAR	CPSM	12	DIFF	No	Lower boundary for severity of LS	18
LWDATA	CHAR	CPSM	12	DIFF	No	Lower boundary for severity of LW	19
`NAME-7`	CHAR	CPSM	8	DIFF	Yes	Name of associated evaluation definition	4
`PRIORITY-5`	BINARY	CPSM	1	AVG	Yes	Event priority	37
RATE	BINARY	CPSM	4	AVG	No	Evaluation interval (seconds)	16
RESTYPE	CHAR	CPSM	8	DIFF	No	Resource type	33
`SEQUENCE-6`	BINARY	CPSM	4	AVG	Yes	Event sequence number	38
SETACTION	EYUDA	CPSM	4	LIKE	No	Result set evaluation type	15
SETACTION Output valid values	ALL, ANY, SUM, MIN, MAX, AVG, CNT						
SEVERITY	EYUDA	CPSM	4	LIKE	No	Current severity	8
SEVERITY Output valid values	VLS, LS, LW, NM, HW, HS, VHS						
STATE	EYUDA	CPSM	4	LIKE	No	Result of evaluation	7
STATE Output valid values	TRUE, FALSE						
TABLE	CHAR	CPSM	8	DIFF	No	Resource table name	25
`TARGET-3`	CHAR	CPSM	8	DIFF	Yes	Name of CICS system or group that is target of evaluation	6
VHSDATA	CHAR	CPSM	12	DIFF	No	Lower boundary for severity of VHS	22
VIEW	CHAR	CPSM	8	DIFF	No	Name of a view that may provide extra information	32
VLSDATA	CHAR	CPSM	12	DIFF	No	Lower boundary for severity of VLS	17

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
    408

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 473. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 474. EVENT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACTION	CHAR	CPSM	8	DIFF	No	Action name	39
CMAS	CHAR	CPSM	8	DIFF	No	CMAS in which event was raised	38
`CONTEXT-1`	CHAR	CPSM	8	DIFF	Yes	Name of context to which event applies	46
CURHSENTRY	BINARY	CPSM	4	AVG	No	Current HS true evaluation count	28
CURHSEXIT	BINARY	CPSM	4	AVG	No	Current HS false evaluation count	34
CURHWENTRY	BINARY	CPSM	4	AVG	No	Current HW true evaluation count	27

Table 474. EVENT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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
CURVLSENTRY	BINARY	CPSM	4	AVG	No	Current VLS true evaluation count	24
CURVLSEXIT	BINARY	CPSM	4	AVG	No	Current VLS false evaluation count	30
DATETIME	DATETIME	CPSM	8	MAX	No	Date and time when event was created	37
DESC	CHAR	CPSM	58	DIFF	No	Event description	42
DETAIL	EYUDA	CPSM	4	LIKE	No	Detailed information availability	8
DETAIL Output valid values	YES, NO						
EVALTYPE	EYUDA	CPSM	4	LIKE	No	Event type	7
EVALTYPE Output valid values	SAM, APM, MRM						
GENALERT	EYUDA	CPSM	4	LIKE	No	SNA generic alert generation	10
GENALERT Output valid values	YES, NO						
GENEXTMSG	EYUDA	CPSM	4	LIKE	No	External message generation	9
GENEXTMSG Output valid values	YES, NO						
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	134	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
`NAME-2`	CHAR	CPSM	8	DIFF	Yes	Event name	4

Table 474. EVENT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
NETVIEW	CHAR	CPSM	8	DIFF	No	CMAS to which Netview attached	36
`PRIORITY-5`	BINARY	CPSM	1	AVG	Yes	Event priority	41
RATE	BINARY	CPSM	4	AVG	No	Interval between evaluations	11
RESTYPE	CHAR	CPSM	8	DIFF	No	Resource type	44
`SEQUENCE-6`	BINARY	CPSM	4	AVG	Yes	Event sequence number	43
`SEVERITY-4`	EYUDA	CPSM	4	LIKE	Yes	Event severity	6
SEVERITY-4 Output valid values VHS, LS, LW, HW, HS, VHS							
`TARGET-3`	CHAR	CPSM	8	DIFF	Yes	Current event target	5
VHSENTRY	BINARY	CPSM	4	AVG	No	Evaluation count with VHS true before event	17
VHSEXIT	BINARY	CPSM	4	AVG	No	Evaluation count with VHS false before resolution	23
VIEW	CHAR	CPSM	8	DIFF	No	Associated user data	40
VLSENTRY	BINARY	CPSM	4	AVG	No	Evaluation count with VLS true before event	12
VLSEXIT	BINARY	CPSM	4	AVG	No	Evaluation count with VLS false before resolution	18

EVNTBIND Resource Table

This CICS resource object provides information about event bindings.

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

The following actions are supported:

ENABLE
> The event binding is enabled. Capture of events matching capture specifications in this event binding starts immediately.

DISABLE
> The event binding is disabled. Capture of events matching capture specifications in this event binding is stopped immediately. Any events already captured are emitted.

External resource name
> CICSEventBinding

Length
> 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
EYUt0192

Table 475. Valid CPSM operations

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

Table 476. EVNTBIND resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
BUNDLE	CHAR	INQ	8	DIFF	Yes	Bundle name		4
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		6
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC							
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		7
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		14
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		8
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		9
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		13
ENABLESTATUS	CVDAS	CPSM	4	LIKE	Yes	Enabled status		2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED							
EPADAPTER	CHAR	INQ	32	DIFF	Yes	Event processing adapter	E640 E650 E660	16
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		10
INSTALLAGENT Input/output valid values	BUNDLE							
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		15
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		11
`NAME-1`	CHAR	INQ	32	DIFF	Yes	Name		1
USERTAG	CHAR	INQ	8	DIFF	Yes	User tag		3

EVNTGBL Resource Table

This CICS resource object provides information about event processing.

A particular CICS region has only one instance of the resource.

The following actions are supported:

START

> The EVENTPROCESS state is changed to STARTED. For inflight transactions, the capture of nontransactional events starts immediately and the capture of transactional events starts at the next sync point.

DRAIN

> The EVENTPROCESS state is changed to DRAIN, and event capture is stopped immediately. Any transactional events on the dispatcher queue are deleted. Transactional events are not considered captured until a sync point occurs and a sync point event will not now be captured. Any nontransactional events are emitted. When the last event on the queue is emitted, the EVENTPROCESS state changes to STOPPED.

STOP The EVENTPROCESS state is changed to STOPPED, and event capture is stopped immediately. All events on the dispatcher queue are deleted.

External resource name

> CICSEventProcessing

Length

> 168

Usage API or 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 477. 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 478. EVNTGBL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
EPSTATUS	CVDAS	CPSM	4	LIKE	Yes	Event processing status		1
EPSTATUS Input/output valid values	STARTED, STOPPED, DRAIN							

Table 478. EVNTGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EVNTBACKOUT	BINARY	STAT	4	MAX	No	Commit backward events		7
EVNTCAPOPSF	BINARY	STAT	4	MAX	No	Capture operations failed		26
EVNTCOMMIT	BINARY	STAT	4	MAX	No	Commit forward events		6
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
EVNTHTTPCNT	BINARY	STAT	4	MAX	No	Events to HTTP EP adapter	E640 E650	33
EVNTLOSTAU	BINARY	STAT	4	MAX	No	Events lost - adapter unavailable	E640 E650 E660	35
EVNTLOSTCO	BINARY	STAT	4	MAX	No	Events lost (adapter) - config		27
EVNTLOSTOT	BINARY	STAT	4	MAX	No	Events lost (adapter) - other		28
EVNTMQADAPT	BINARY	STAT	4	MAX	No	Events to Websphere MQ EP adapter		19
EVNTNORM	BINARY	STAT	4	MAX	No	Async normal events		12
EVNTPEAKDSP	BINARY	STAT	4	MAX	No	Peak dispatcher tasks		18
EVNTPEAKEVQ	BINARY	STAT	4	MAX	No	Peak event capture queue		9
EVNTPEAKTRQ	BINARY	STAT	4	MAX	No	Peak transactional queue		11
EVNTPRIO	BINARY	STAT	4	MAX	No	Async priority events		13
EVNTPUT	BINARY	STAT	4	MAX	No	Put events		5
EVNTSYNCCAP	BINARY	STAT	4	MAX	No	Synchronous events	E640 E650 E660	31
EVNTSYNCFAIL	BINARY	STAT	4	MAX	No	Synchronous events failed	E640 E650 E660	32
EVNTSYSCAP	BINARY	STAT	8	MAX	No	Total system events captured	E640 E650 E660	36
EVNTTRAN	BINARY	STAT	4	MAX	No	Transactional events		14
EVNTTRANATT	BINARY	STAT	4	MAX	No	Dispatcher tasks attached		16
EVNTTRANDIS	BINARY	STAT	4	MAX	No	Transactional events discarded		15

Table 478. EVNTGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EVNTTRANSAD	BINARY	STAT	4	MAX	No	Events to Transaction EP adapter		21
EVNTTSQSTAT	BINARY	STAT	4	MAX	No	Events to Tsqueue EP adapter		20
SCHEMALEVEL	CHAR	STAT	4	MAX	No	Highest schema level supported	E640 E650 E660	34

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
> CICSEXCIRequest

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
> EYUt0168

Table 479. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 480. 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	
`LUWID-1`	CHAR	INQ	35	DIFF	EXCI client identifier	2
MVSSYSID	CHAR	CPSM	4	DIFF	EXCI client MVS system ID	5
RRMSURID	HEX	CPSM	16	DIFF	RRMS/MVS Unit of Recovery Identifier	3

Table 480. EXCI resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
`TASK-2`	BINARY	INQ	4	DIFF	Task Number	1

EXITGLUE Resource Table

A CICS Resource that describes a global user exit in an active CICS system being managed by CICSPlex SM.

While the EXITGLUE resource class identifies multiple key attributes, only the PROGRAM attribute can be specified in an EVALDEF INSTANCE attribute.

There are no object specific actions for this resource class.

External resource name
> 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 481. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 482. EXITGLUE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ENTRY	ADDRESS	INQ	4	MAX	No	Entry address of global user exit	9
ENTRYNAME	CHAR	INQ	8	DIFF	No	Entry name	3
`EXITPOINT-2`	CHAR	INQ	8	DIFF	Yes	Exit name	2
GAENTRYNAME	CHAR	INQ	8	DIFF	No	Name of exit which owns global work area	4
GALENGTH	BINARY	INQ	2	AVG	No	Length of global work area	7

Table 482. EXITGLUE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
GAUSECOUNT	BINARY	INQ	4	AVG	No	Number of global work area users	6
NUMEXITS	BINARY	INQ	2	AVG	No	Number of global exit points where exit is enabled	8
`PROGRAM-1`	CHAR	INQ	8	DIFF	Yes	Program name	1
STARTSTATUS	CVDAS	INQ	4	LIKE	No	Exit program availability status	5
STARTSTATUS Output valid values	STARTED, STOPPED						

EXITTRUE Resource Table

A CICS Resource that describes a task related user exit in an active CICS system being managed by CICSPlex SM.

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

There are no object specific actions for this resource class.

External resource name
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 483. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 484. 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

Table 484. EXITTRUE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
APIST Output valid values	OPENAPI, BASEAPI, NOTAPPLIC						
CONCURRENTST	CVDAS	INQ	4	LIKE	No	Concurrency type	16
CONCURRENTST Output valid values	QUASIRENT, THREADSAFE, NOTAPPLIC						
CONNECTST	CVDAS	INQ	4	LIKE	No	Connect status	12
CONNECTST Output valid values	CONNECTED, NOTCONNECTED, UNKNOWN, NOTAPPLIC						
ENTRY	ADDRESS	INQ	4	MAX	No	Entry-point address of task related user exit	11
`ENTRYNAME-2`	CHAR	INQ	8	DIFF	Yes	Entry name	2
FORMATEDFST	CVDAS	INQ	4	LIKE	No	Format execution diagnostic facility (EDF) status	4
FORMATEDFST Output valid values	FORMATEDF, NOFORMATEDF, NOTAPPLIC						
GAENTRYNAME	CHAR	INQ	8	DIFF	No	Name of exit owning global work area	3
GALENGTH	BINARY	INQ	2	AVG	No	Length of global work area	9
GAUSECOUNT	BINARY	INQ	4	AVG	No	Number of work area users	8
INDOUBTST	CVDAS	INQ	4	LIKE	No	INDOUBTWAIT enabled status	13
INDOUBTST Output valid values	WAIT, NOWAIT, NOTAPPLIC						
`PROGRAM-1`	CHAR	INQ	8	DIFF	Yes	Program name	1
PURGEABLEST	CVDAS	INQ	4	LIKE	No	Purgeable status	18
PURGEABLEST Output valid values	PURGEABLE, NOTPURGEABLE, NOTAPPLIC						
QUALIFIER	CHAR	INQ	8	DIFF	No	SPI qualifier	14
SHUTDOWNST	CVDAS	INQ	4	LIKE	No	Exit CICS shutdown status	5
SHUTDOWNST Output valid values	SHUTDOWN, NOSHUTDOWN, NOTAPPLIC						
SPIST	CVDAS	INQ	4	LIKE	No	Exit-enabled-for-(SPI) calls option	15
SPIST Output valid values	SPI, NOSPI, NOTAPPLIC						
STARTSTATUS	CVDAS	INQ	4	LIKE	No	Exit program availability status	6
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 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
  EYUt0140

Table 485. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 486. 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
`EXITPOINT-1`	CHAR	INQ	8	DIFF	Yes	Exit name	1
`EXITPOSITION-2`	BINARY	CPSM	4	AVG	Yes	Exit position	2
GAENTRYNAME	CHAR	INQ	8	DIFF	No	Name of exit which owns global work area	5
GALENGTH	BINARY	INQ	2	AVG	No	Length of global work area	8
GAUSECOUNT	BINARY	INQ	4	AVG	No	Number of global work area users	7
NUMEXITS	BINARY	INQ	2	AVG	No	Number of global exit points where exit is enabled	9
`PROGRAM-3`	CHAR	INQ	8	DIFF	Yes	Program name	3
STARTSTATUS	CVDAS	INQ	4	LIKE	No	Exit program availability status	6
STARTSTATUS Output valid values	STARTED, STOPPED						
USECOUNT	BINARY	INQ	4	AVG	No	Program use count	11

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 487. 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 488. 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
ENABLESTATUS Input/output valid values	ENABLED, DISABLED								
ENABLESTATUS Output valid values	NOTAPPLIC								
ERROROPTION	CVDAS	INQ	4	LIKE	No	CICS action for I/O error			14
ERROROPTION Output valid values	IGNORERR, SKIP, NOTAPPLIC								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	24
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST, SYSTEM								

Table 488. EXTRATDQ 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	29
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	28
IOTYPE	CVDAS	INQ	4	LIKE	No	I/O type			5
IOTYPE Output valid values	INPUT, OUTPUT, RDBACK, NOTAPPLIC								
MEMBER	CHAR	INQ	8	DIFF	No	Member name			19
OPENSTATUS	CVDAS	INQ	4	LIKE	Yes	Open status			6
OPENSTATUS Input/output valid values	OPEN, CLOSED								
OPENSTATUS Output valid values	OPENING, CLOSING, SWITCHING, NOTAPPLIC								
OUTCNT	BINARY	STAT	4	AVG	No	Number of READ and WRITE requests			10
PRINTCONTROL	CVDAS	INQ	4	LIKE	No	Print control type			7
PRINTCONTROL Output valid values	ASACTL, MCHCTL, NOCTL, NOTAPPLIC								
RECORDFORMAT	CVDAS	INQ	4	LIKE	No	Record format			8
RECORDFORMAT Output valid values	FIXED, VARIABLE, NOTAPPLIC								
RECORDLENGTH	CNUMERIC	INQ	4	AVG	No	Record length (bytes)			9
REWIND	CVDAS	INQ	4	LIKE	No	Rewind action when data set on tape closed			15
REWIND Output valid values	LEAVE, REREAD, NOTAPPLIC								
SYSOUTCLASS	CHAR	INQ	1	DIFF	No	SYSOUT class if spool file			18
`TDQUEUE-1`	CHAR	INQ	4	DIFF	Yes	Queue ID			1

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 489. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 490. FEEDBACK resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ATTRDATAVAL	CHAR	CPSM	1	LIKE	Attribute data availableAttribute Ids validNo Attribute Id data	5
ATTRDATAVAL Input/output valid values	Y (YES), N (NO)					
ATTR_DTYP1	BINARY	CPSM	1	LIKE	Attribute datatypeComponent IdentifierBinary NumericBinary Derived RateBinary Derived PercentBinary Derived SumBinary Derived RatioBinary Derived AverageSystem/390 TimestampBitText Unknown LengthCharacterEYUDACVDA StandardCVDA TerminalResource TypePacked DecimalDateInternal Label FieldBinary HHMMInterval Store ClockInterval MicrosecondsInterval MillisecondsInterval 16 MicrosecondsInterval SecondsInterval Store Clock DeltaDate Time GroupPacked Decimal TimestampAddressCoded NumericNon Display CharacterHexadecimalTable versionBinary derived rate 3DPBinary derived percent 3DPBinary derived sum 3DPBinary derived average 3DPPacked Decimal Time - No TenthsInterval Store Clock Length 12	18
ATTR_DTYP1 Input/output valid values	0 (COMP), 4 (BIN), 8 (RATE), 12 (PER), 16 (SUM), 20 (RATO), 24 (AVG), 28 (TSTP), 32 (BIT), 36 (TEXT), 40 (CHAR), 44 (EYUD), 48 (CVDS), 52 (CVDT), 56 (REST), 60 (PACK), 64 (DATE), 68 (ILBL), 72 (HHMM), 76 (SCLK), 80 (IUSC), 84 (IMSC), 88 (16US), 92 (ISEC), 96 (IUSS), 100 (DTGP), 104 (DECT), 108 (ADDR), 112 (CNUM), 116 (HCHR), 120 (HEX), 124 (TBLV), 128 (RAT3), 132 (PER3), 136 (SUM3), 140 (AVG3), 144 (DECS), 152 (SC12)					
ATTR_DTYP2	BINARY	CPSM	1	LIKE	Attribute datatype	23
ATTR_DTYP3	BINARY	CPSM	1	LIKE	Attribute datatype	28
ATTR_DTYP4	BINARY	CPSM	1	LIKE	Attribute datatype	33
ATTR_DTYP5	BINARY	CPSM	1	LIKE	Attribute datatype	38

Table 490. FEEDBACK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
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 codeNOOPCancelConnectCopyCreateDeleteDiscardDisconnectFetchGetLocateMarkOrderPerformSetPerform 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
CSDAPI Input/output valid values	Y (YES), N (NO)					

Table 490. FEEDBACK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
DIAGNOSTIC	BINARY	CPSM	32	LIKE	Internal diagnostic data	43
ERRCODEVAL	CHAR	CPSM	1	LIKE	Error code value availableError Code validNo Error Code Data	7
ERRCODEVAL Input/output valid values	Y (YES), N (NO)					
ERROR_CODE	BINARY	CPSM	4	LIKE	Error code	10
ERR_COUNT	BINARY	CPSM	4	LIKE	Error result count	45
ERR_OBJECT	CHAR	CPSM	8	LIKE	Feedback error object name	47
ERR_RESULT	BINARY	CPSM	4	LIKE	Error result token	44
EXPANSION	CHAR	CPSM	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 **Secondary** key field for this resource class is DEFVER.

The following actions are supported:

INSTALL
> Install a FEPI Node Definition.
>
> The parameter data for the INSTALL action is described in "Parameters for installing CICS definitions using BAS" on page 17.

External resource name
> CICSDefinitionFEPINode

Length
> 1168

Usage API or Batch Utility or 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 491. 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
	ADDTOGRP	RESGROUP(value)	Yes

Table 492. 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	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict

Table 492. FENODDEF FEEDBACK error codes (continued)

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 493. FENODDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ACQSTATUS	CVDAS	CPSM	4	Yes	LIKE	No	Acquired status	ACQUIRED			15
ACQSTATUS Input/output valid values	ACQUIRED, RELEASED										
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	20
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	22
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	21
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				9
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		19
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				13
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
NODELIST	CHAR	CPSM	512	No	DIFF	No	Node list				18
PASSWORDS	CHAR	CPSM	512	No	DIFF	No	Password list				17
SERVSTATUS	CVDAS	CPSM	4	Yes	LIKE	No	Node service status	INSERVICE			16
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				12

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
> EYUt0057

Table 494. 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 495. FEPICONN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACQSTATUS	CVDAS	INQ	4	LIKE	Yes	Acquired status	11
ACQSTATUS Input/output valid values	ACQUIRED, RELEASED						
ACQSTATUS Output valid values	ACQUIRING, RELEASING						
ACQUIRES	BINARY	STAT	4	AVG	No	Number of acquires	4
CHARSRECVD	BINARY	STAT	4	AVG	No	Number of characters received	8
CHARSSENT	BINARY	STAT	4	AVG	No	Number of characters sent	7
CONVERSATNS	BINARY	STAT	4	AVG	No	Number of conversations	5

Table 495. FEPICONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ERRORS	BINARY	STAT	4	AVG	No	Number of error conditions	10
INSTLSTATUS	CVDAS	INQ	4	LIKE	No	Connections install status	12
INSTLSTATUS Output valid values	INSTALLED, NOTINSTALLED						
LASTACQCODE	BINARY	INQ	4	AVG	No	Sense code from last REQSESS request	13
`NODENAME-2`	CHAR	INQ	8	DIFF	Yes	Node name	2
POOLNAME	CHAR	STAT	8	DIFF	No	Pool name	3
RECVTIMEOUT	BINARY	STAT	4	AVG	No	Number of receive timeouts	9
SERVSTATUS	CVDAS	INQ	4	LIKE	Yes	Connection service status	14
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE						
SERVSTATUS Output valid values	GOINGOUT						
STATE	CVDAS	INQ	4	LIKE	No	Conversation status	15
STATE Output valid values	NOCONV, PENDSTSN, STSN, PENDBEGIN, BEGINSESSION, APPLICATION, PENDDATA, PENDSTART, PENDFREE, FREE, PENDRELEASE, RELEASE, PENDUNSOL, UNSOLDATA, PENDPASS						
`TARGETNAME-1`	CHAR	INQ	8	DIFF	Yes	Target name	1
UNSOLICINP	BINARY	STAT	4	AVG	No	Number of unsolicited inputs	6
USERDATA	CHAR	INQ	64	MIN	Yes	User data for connection	17
WAITCONVNUM	BINARY	INQ	4	AVG	No	Number of conversations waiting for connection	16

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 496. Valid CPSM operations

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

Table 497. FEPINODE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACQNUM	BINARY	INQ	4	AVG	No	Number of node acquires	2
ACQSTATUS	CVDAS	INQ	4	LIKE	Yes	Acquired status	3
ACQSTATUS Input/output valid values	ACQUIRED, RELEASED						
ACQSTATUS Output valid values	ACQUIRING, RELEASING						
INSTLSTATUS	CVDAS	INQ	4	LIKE	No	Node install status	4
INSTLSTATUS Output valid values	INSTALLED, NOTINSTALLED						
LASTACQCODE	BINARY	INQ	4	AVG	No	Sense code from last REQSESS request	5
`NODENAME-1`	CHAR	INQ	8	DIFF	Yes	Node name	1
SERVSTATUS	CVDAS	INQ	4	LIKE	Yes	Node service status	6
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE						
SERVSTATUS Output valid values	GOINGOUT						
USERDATA	CHAR	INQ	64	DIFF	Yes	User data for node	7

FEPIPOOL Resource Table

A CICS Resource that describes a FEPI pool in an active CICS system being managed by CICSPlex SM.

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

The following actions are supported:

ADD   Add nodes and targets to a FEPI pool.

The parameter data for the ADD action is:
```
PARM('NODES(node,...)  TARGETS(trgt,...)
     [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 498. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADD	ACQSTATUS(ACQUIRED|RELEASED)	No
		NODES	Yes
		SERVSTATUS(INSERVICE|OUTSERVICE)	No
		TARGETS	Yes
	DELETE	NODES	Yes
		POOL(value)	No
		TARGETS	Yes
	DISCARD	None	N/A
	INSERVICE	None	N/A
	INSTALL	ACQSTATUS(ACQUIRED|RELEASED)	No
		NODES	Yes
		POOL(value)	No
		PROPERTY(value)	No
		SERVSTATUS(INSERVICE|OUTSERVICE)	No
		TARGETS	Yes
	OUTSERVICE	None	N/A

Table 499. 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

Table 499. FEPIPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
DEVICE Output valid values	T3278M2, T3278M3, T3278M4, T3278M5, T3279M2, T3279M3, T3279M4, T3279M5, TPS55M2, TPS55M3, TPS55M4, LUP						
ENDSESSION	CHAR	INQ	4	DIFF	No	End-session transaction	15
EXCEPTIONQ	CHAR	INQ	4	DIFF	No	TDQ queue holding exceptions	16
FJOURNALNAME	CHAR	INQ	8	DIFF	No	Journal name	30
FJOURNALNUM	BINARY	INQ	4	AVG	No	Journal number	17
FORMAT	CVDAS	INQ	4	LIKE	No	Data format option	18
FORMAT Output valid values	FORMATTED, DATASTREAM, NOTAPPLIC						
INITIALDATA	CVDAS	INQ	4	LIKE	No	Initial inbound data status	19
INITIALDATA Output valid values	INBOUND, NOTINBOUND						
INSTLSTATUS	CVDAS	INQ	4	LIKE	No	Pool install status	20
INSTLSTATUS Output valid values	INSTALLED, NOTINSTALLED						
MAXFLENGTH	BINARY	INQ	4	AVG	No	Maximum length of returned data	21
MSGJRNL	CVDAS	INQ	4	LIKE	No	Message 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
`POOLNAME-1`	CHAR	INQ	8	DIFF	Yes	Pool name	1
PROPERTYSET	CHAR	INQ	8	DIFF	No	Property set name	23
SERVSTATUS	CVDAS	INQ	4	LIKE	Yes	Pool service status	24
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE						
SERVSTATUS Output valid values	GOINGOUT						
STSN	CHAR	INQ	4	DIFF	No	Set and test sequence-number (STSN) transaction	25
TARGETS	BINARY	STAT	4	AVG	No	Number of targets	2
TOTALLOCTOUT	BINARY	STAT	4	AVG	No	Total number of allocates that timed out	11
TOTALLOCWAIT	BINARY	STAT	4	AVG	No	Total number of allocates that waited	10
UNSOLDATA	CHAR	INQ	4	DIFF	No	Unsolicited data transaction	26
UNSOLDATACK	CVDAS	INQ	4	LIKE	No	Unsolicited-data bid-acknowledgement	27
UNSOLDATACK 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 500. Valid CPSM operations

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

Table 501. 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

Table 501. FEPIPROP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
FJOURNALNAME	CHAR	INQ	8	DIFF	No	Journal name	15
FJOURNALNUM	CNUMERIC	INQ	4	AVG	No	Journal number	7
FORMAT	CVDAS	INQ	4	LIKE	No	Data format	8
FORMAT Input/output valid values	FORMATTED, DATASTREAM, NOTAPPLIC						
INITIALDATA	CVDAS	INQ	4	LIKE	No	Initial-inbound-data option	9
INITIALDATA Input/output valid values	INBOUND, NOTINBOUND						
MAXFLENGTH	BINARY	INQ	4	AVG	No	Maximum length of returned data	10
MSGJRNL	CVDAS	INQ	4	LIKE	No	Journal status	11
MSGJRNL Input/output valid values	NOMSGJRNL, INPUT, OUTPUT, INOUT						
`PROPERTYSET-1`	CHAR	INQ	8	DIFF	Yes	Property set name	1
STSN	CHAR	INQ	4	DIFF	No	Set and test sequence numbers (STSN) transaction	12
UNSOLDATA	CHAR	INQ	4	DIFF	No	Unsolicited data transaction	13
UNSOLDATACK	CVDAS	INQ	4	LIKE	No	Unsolicited data response	14
UNSOLDATACK 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 502. 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 503. FEPITRGT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ALLOCATES	BINARY	STAT	4	AVG	No	Total number of allocates	5
APPLID	CHAR	STAT	8	DIFF	No	VTAM applid of back end system	3
CURALLCWAIT	BINARY	STAT	4	AVG	No	Current number of allocates waiting	7
INSTLSTATUS	CVDAS	INQ	4	LIKE	No	Install status	10
INSTLSTATUS Output valid values	INSTALLED, NOTINSTALLED						
NODES	BINARY	STAT	4	AVG	No	Number of nodes	4
PEAKALLCWAIT	BINARY	STAT	4	AVG	No	Peak number of allocates waiting	8
`POOLNAME-2`	CHAR	STAT	8	DIFF	Yes	Pool name	2
SERVSTATUS	CVDAS	INQ	4	LIKE	Yes	Service status	11
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE						
SERVSTATUS Output valid values	GOINGOUT						
`TARGETNAME-1`	CHAR	INQ	8	DIFF	Yes	Target name	1
TOTALLOCTOUT	BINARY	STAT	4	AVG	No	Total number of allocates that timed out	9
TOTALLOCWAIT	BINARY	STAT	4	AVG	No	Total number of allocates that waited	6
USERDATA	CHAR	INQ	64	DIFF	Yes	Target user data	12

FEPOODEF Resource Table

A CICS Definition that describes a FEPI Pool.

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

The following actions are supported:

INSTALL

Install a FEPI Pool Definition.

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

External resource name

CICSDefinitionFEPIPool

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 504. 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
	ADDTOGRP	RESGROUP(value)	Yes

Table 505. FEPOODEF FEEDBACK error codes

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

Table 505. FEPOODEF FEEDBACK error codes (continued)

13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 506. FEPOODEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ACQSTATUS	CVDAS	CPSM	4	No	LIKE	No	Pool acquire status	ACQUIRED			17
ACQSTATUS Input/output valid values	ACQUIRED, RELEASED										
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	21
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	23
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	22
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				9
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		20
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				13
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
NODELIST	CHAR	CPSM	1024	No	DIFF	No	Node list				18

Table 506. FEPOODEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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 507. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A

Table 507. Valid CPSM operations (continued)

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
	ADDTOGRP	RESGROUP(value)	Yes

Table 508. 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	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_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 509. 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
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		29
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				13
DEVICE	CVDAS	CPSM	4	No	LIKE	No	Device type	T3278M2			17
DEVICE Input/output valid values	T3278M2, T3278M3, T3278M4, T3278M5, T3279M2, T3279M3, T3279M4, T3279M5, TPS55M2, TPS55M3, TPS55M4, LUP										
ENDSESSION	CHAR	CPSM	4	No	DIFF	No	End-session transaction				18
EXCEPTIONQ	CHAR	CPSM	4	No	DIFF	No	TDQ queue holding exceptions				19
FJOURNALNAME	CHAR	CPSM	8	No	DIFF	No	Journal name				28
FJOURNALNUM	CHAR	CPSM	4	No	DIFF	No	Journal number	0	0-99		20
FORMAT	CVDAS	CPSM	4	No	LIKE	No	Data format	FORMATTED			21
FORMAT Input/output valid values	FORMATTED, DATASTREAM, NOTAPPLIC										
INITIALDATA	CVDAS	CPSM	4	No	LIKE	No	Initial-inbound-data option	NOTINBOUND			22
INITIALDATA Input/output valid values	INBOUND, NOTINBOUND										
MAXFLENGTH	CHAR	CPSM	8	No	DIFF	No	Maximum length of returned data	4096	128-1048576		23
MSGJRNL	CVDAS	CPSM	4	No	LIKE	No	Journal status	NOMSGJRNL			24
MSGJRNL Input/output valid values	NOMSGJRNL, INPUT, OUTPUT, INOUT										
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
STSN	CHAR	CPSM	4	No	DIFF	No	Set and test sequence numbers (STSN) transaction				25

Table 509. FEPRODEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
UNSOLDATA	CHAR	CPSM	4	No	DIFF	No	Unsolicited data transaction				26
UNSOLDATACK	CVDAS	CPSM	4	No	LIKE	No	Unsolicited data response	NEGATIVE			27
UNSOLDATACK 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 510. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A

Table 510. Valid CPSM operations (continued)

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
	ADDTOGRP	RESGROUP(value)	Yes

Table 511. 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	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_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict

Table 512. FETRGDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
APPLLIST	CHAR	CPSM	512	No	DIFF	No	VTAM application IDs of back end systems				16
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	19
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	21
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	20
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				9
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				13
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
SERVSTATUS	CVDAS	CPSM	4	No	LIKE	No	Service status	INSERVICE			15
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE										
TARGETLIST	CHAR	CPSM	512	No	DIFF	No	Target list				17
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				12

FILEDEF Resource Table

A CICS Definition that describes the physical and operational characteristics of a file.

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

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

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

The following actions are supported:

INSTALL
> Install a File Definition.
>
> The parameter data for the INSTALL action is described in "Parameters for installing CICS definitions using BAS" on page 17.

External resource name
> CICSDefinitionFile

Length
> 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 513. 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|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 514. 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

Table 514. FILEDEF FEEDBACK error codes (continued)

23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid override type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
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 access error			

Table 515. 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		E330PL47S	
ACCESSMETH Input/output valid values	ESDS, KSDS, RRDS, KEYED, BDAM, VSAM, NOTAPPLIC										
ADD	EYUDA	CPSM	4	Yes	LIKE	No	Add option	NO			8
ADD Input/output valid values	YES, NO										
BACKUPTYPE	CVDAS	CPSM	4	Yes	LIKE	No	CICS VSAM file backup type	STATIC			13
BACKUPTYPE Input/output valid values	STATIC, DYNAMIC										
BASENAME	CHAR	CPSM	8	No	DIFF	No	Base data set name			E330PL43S	
BROWSE	EYUDA	CPSM	4	Yes	LIKE	No	Browse option	NO			9
BROWSE Input/output valid values	YES, NO										

Table 515. 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	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	74
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	76
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	75
CNTLINTRVAL	CHAR	CPSM	4	No	DIFF	No	Control interval size		512-4096	EALL	45
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				52
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	78
DATABUFFERS	CHAR	CPSM	8	No	DIFF	No	Number of data buffers	2	2-32767		14
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DELETE	EYUDA	CPSM	4	Yes	LIKE	No	Delete option	NO			10
DELETE Input/output valid values	YES, NO										
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		73
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				56
DISPOSITION	CVDAS	CPSM	4	Yes	LIKE	No	Disposition of file	SHARE			15
DISPOSITION Input/output valid values	SHARE, OLD										
DSNAME	CHAR	CPSM	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										
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										
FILENABLED	CHAR	CPSM	1	No	DIFF	No	File enabled status	Y		EALL	58
FILENABLED Input/output valid values	N, Y, U										
FILEOPEN	CHAR	CPSM	1	No	DIFF	No	File open status	Y		EALL	57

Table 515. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
FILEOPEN Input/output valid values	N, Y										
FILETYPE	CHAR	CPSM	1	No	DIFF	No	Data set type	K		EALL	59
FILETYPE Input/output valid values	A, E, K, R										
FSEGDEFNAME	CHAR	CPSM	8	No	DIFF	No	File segment definition name			EALL	64
FSEGDEFVER	CHAR	CPSM	2	No	DIFF	No	File segment definition version		1-15	EALL	65
FWDRECOVLOG	CHAR	CPSM	4	No	DIFF	No	Journal number used for forward recovery	NO	1-99		17
FWDRECOVLOG Input/output valid values	NO										
INDEXBUFFERS	CHAR	CPSM	8	No	DIFF	No	Number of index buffers	1	1-32767		18
JNLADD	EYUDA	CPSM	4	Yes	LIKE	No	Add operations recorded on journal	NONE			19
JNLADD Input/output valid values	NONE, AFTER, ALL, BEFORE										
JNLREAD	EYUDA	CPSM	4	Yes	LIKE	No	Read operations recorded on journal	NONE			20
JNLREAD Input/output valid values	NONE, ALL, READONLY, UPDATEONLY										
JNLSYNCREAD	EYUDA	CPSM	4	Yes	LIKE	No	Synchronous auto journaling for input	NO			21
JNLSYNCREAD Input/output valid values	YES, NO										
JNLSYNCWRITE	EYUDA	CPSM	4	Yes	LIKE	No	Synchronous auto journaling for output	YES			22
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

Table 515. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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		E330PLUS	70S
LOG Input/output valid values	YES, NO										
LSRPOOLID	CHAR	CPSM	4	No	DIFF	No	LSR Pool number	1	1-255		27
LSRPOOLID Input/output valid values	NONE										
MAXNUMRECS	CHAR	CPSM	8	No	DIFF	No	Maximum number of records in data table	NOLIMIT	1-99999999		28
MAXNUMRECS Input/output valid values	NOLIMIT										
MAXRECORDLEN	CHAR	CPSM	6	No	DIFF	No	Maximum record length		1-32767	EALL	61
MINRECORDLEN	CHAR	CPSM	4	No	DIFF	No	Minimum record length		1-4090	EALL	44
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
NSRGROUP	CHAR	CPSM	8	No	DIFF	No	Non-shared resources (NSR) group name				29
OPENTIME	EYUDA	CPSM	4	Yes	LIKE	No	File open time	FIRSTREF			30
OPENTIME Input/output valid values	FIRSTREF, STARTUP										
PASSWORD	HIDCHAR	CPSM	8	No	DIFF	No	User access password				31
POOLNAME	CHAR	CPSM	8	No	DIFF	No	Coupling facility data table (CFDT) pool name				66
READ	EYUDA	CPSM	4	Yes	LIKE	No	Read option	YES			11
READ Input/output valid values	YES, NO										
READINTEG	CVDAS	CPSM	4	Yes	LIKE	No	Default level of read integrity	UNCOMMITTED			32
READINTEG Input/output valid values	UNCOMMITTED, CONSISTENT, REPEATABLE										
RECORDFORMAT	CVDAS	CPSM	4	Yes	LIKE	No	Record format	VARIABLE			33
RECORDFORMAT Input/output valid values	VARIABLE, FIXED										
RECORDSIZE	CHAR	CPSM	8	No	DIFF	No	Record size		1-32767		34
RECOVERY	EYUDA	CPSM	4	Yes	LIKE	No	Type of recovery	NONE			35
RECOVERY Input/output valid values	NONE, ALL, BACKOUTONLY										

Table 515. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
REMOTENAME	CHAR	CPSM	8	No	DIFF	No	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	E330PL46S	
RSL Input/output valid values	PUBLIC										
SHR4ACCESS	EYUDA	CPSM	4	No	LIKE	No	VSAM share access	KEY		EALL	72
SHR4ACCESS Input/output valid values	KEY, RBA										
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Initial status	ENABLED			39
STATUS Input/output valid values	ENABLED, DISABLED, UNENABLED										
STRINGS	CHAR	CPSM	4	No	DIFF	No	Maximum concurrent requests against file	1	1-255		40
TABLE	EYUDA	CPSM	4	Yes	LIKE	No	Data table type	NO			41
TABLE Input/output valid values	NO, CICS, USER, CF										
TABLENAME	CHAR	CPSM	8	No	DIFF	No	Table name				67
UPDATE	EYUDA	CPSM	4	Yes	LIKE	No	Update option	NO			12
UPDATE Input/output valid values	YES, NO										
UPDATEMODEL	CVDAS	CPSM	4	No	LIKE	No	Update model	LOCKING			68
UPDATEMODEL Input/output valid values	LOCKING, CONTENTION										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				53
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				54
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 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
EYUt6146

Table 516. Valid CPSM operations

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

Table 517. 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 518. FILINGRP resource table attributes

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

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 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
> EYUt6174

Table 519. Valid CPSM operations

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

Table 520. 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 521. 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							

Table 521. FNOINGRP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
`FNOGROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
`FNONAME-2`	CHAR	CPSM	8	Yes	DIFF	Yes	FEPI node definition name	6
`FNOVER-3`	BINARY	CPSM	1	Yes	AVG	Yes	FEPI node definition version	7

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 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
>EYUt6172

Table 522. Valid CPSM operations

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

Table 523. FPOINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description

Table 523. FPOINGRP 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 524. FPOINGRP resource table attributes

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

FPRINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
> 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
    EYUt6175

Table 525. Valid CPSM operations

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

Table 526. 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 527. FPRINGRP resource table attributes

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

FSEGDEF Resource Table

A CICS Definition that describes the key segments associated with a CICS for OS/2 file.

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

External resource name

Length
    568

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

EYUt3820

Table 528. 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	ADDTOGRP	RESGROUP(value)	Yes

Table 529. FSEGDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name

Table 530. 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 530. 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										
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

Table 530. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ALTKEY11 Input/output valid values	N, Y										
ALTKEY12	CHAR	CPSM	1	No	DIFF	No	Key segment 12 uses EBCDIC sort sequence			EALL	125
ALTKEY12 Input/output valid values	N, Y										
ALTKEY13	CHAR	CPSM	1	No	DIFF	No	Key segment 13 uses EBCDIC sort sequence			EALL	135
ALTKEY13 Input/output valid values	N, Y										
ALTKEY14	CHAR	CPSM	1	No	DIFF	No	Key segment 14 uses EBCDIC sort sequence			EALL	145
ALTKEY14 Input/output valid values	N, Y										
ALTKEY15	CHAR	CPSM	1	No	DIFF	No	Key segment 15 uses EBCDIC sort sequence			EALL	155
ALTKEY15 Input/output valid values	N, Y										
ALTKEY16	CHAR	CPSM	1	No	DIFF	No	Key segment 16 uses EBCDIC sort sequence			EALL	165
ALTKEY16 Input/output valid values	N, Y										
ALTKEY17	CHAR	CPSM	1	No	DIFF	No	Key segment 17 uses EBCDIC sort sequence			EALL	175
ALTKEY17 Input/output valid values	N, Y										
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

Table 530. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ALTKEY20 Input/output valid values	N, Y										
ALTKEY21	CHAR	CPSM	1	No	DIFF	No	Key segment 21 uses EBCDIC sort sequence			EALL	215
ALTKEY21 Input/output valid values	N, Y										
ALTKEY22	CHAR	CPSM	1	No	DIFF	No	Key segment 22 uses EBCDIC sort sequence			EALL	225
ALTKEY22 Input/output valid values	N, Y										
ALTKEY23	CHAR	CPSM	1	No	DIFF	No	Key segment 23 uses EBCDIC sort sequence			EALL	235
ALTKEY23 Input/output valid values	N, Y										
ALTKEY24	CHAR	CPSM	1	No	DIFF	No	Key segment 24 uses EBCDIC sort sequence			EALL	245
ALTKEY24 Input/output valid values	N, Y										
BINKEY01	CHAR	CPSM	1	No	DIFF	No	Key segment 01 is binary			EALL	12
BINKEY01 Input/output valid values	N, Y										
BINKEY02	CHAR	CPSM	1	No	DIFF	No	Key segment 02 is binary			EALL	22
BINKEY02 Input/output valid values	N, Y										
BINKEY03	CHAR	CPSM	1	No	DIFF	No	Key segment 03 is binary			EALL	32
BINKEY03 Input/output valid values	N, Y										
BINKEY04	CHAR	CPSM	1	No	DIFF	No	Key segment 04 is binary			EALL	42
BINKEY04 Input/output valid values	N, Y										
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

Table 530. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
BINKEY06 Input/output valid values	N, Y										
BINKEY07	CHAR	CPSM	1	No	DIFF	No	Key segment 07 is binary			EALL	72
BINKEY07 Input/output valid values	N, Y										
BINKEY08	CHAR	CPSM	1	No	DIFF	No	Key segment 08 is binary			EALL	82
BINKEY08 Input/output valid values	N, Y										
BINKEY09	CHAR	CPSM	1	No	DIFF	No	Key segment 09 is binary			EALL	92
BINKEY09 Input/output valid values	N, Y										
BINKEY10	CHAR	CPSM	1	No	DIFF	No	Key segment 10 is binary			EALL	102
BINKEY10 Input/output valid values	N, Y										
BINKEY11	CHAR	CPSM	1	No	DIFF	No	Key segment 11 is binary			EALL	112
BINKEY11 Input/output valid values	N, Y										
BINKEY12	CHAR	CPSM	1	No	DIFF	No	Key segment 12 is binary			EALL	122
BINKEY12 Input/output valid values	N, Y										
BINKEY13	CHAR	CPSM	1	No	DIFF	No	Key segment 13 is binary			EALL	132
BINKEY13 Input/output valid values	N, Y										
BINKEY14	CHAR	CPSM	1	No	DIFF	No	Key segment 14 is binary			EALL	142
BINKEY14 Input/output valid values	N, Y										
BINKEY15	CHAR	CPSM	1	No	DIFF	No	Key segment 15 is binary			EALL	152
BINKEY15 Input/output valid values	N, Y										
BINKEY16	CHAR	CPSM	1	No	DIFF	No	Key segment 16 is binary			EALL	162
BINKEY16 Input/output valid values	N, Y										

Table 530. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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										
BINKEY20	CHAR	CPSM	1	No	DIFF	No	Key segment 20 is binary			EALL	202
BINKEY20 Input/output valid values	N, Y										
BINKEY21	CHAR	CPSM	1	No	DIFF	No	Key segment 21 is binary			EALL	212
BINKEY21 Input/output valid values	N, Y										
BINKEY22	CHAR	CPSM	1	No	DIFF	No	Key segment 22 is binary			EALL	222
BINKEY22 Input/output valid values	N, Y										
BINKEY23	CHAR	CPSM	1	No	DIFF	No	Key segment 23 is binary			EALL	232
BINKEY23 Input/output valid values	N, Y										
BINKEY24	CHAR	CPSM	1	No	DIFF	No	Key segment 24 is binary			EALL	242
BINKEY24 Input/output valid values	N, Y										
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	254
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	256
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	255
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Definition create time				248
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Definition version	0	0-15		5

Table 530. 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	37	0-99999999		253
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Definition description				252
DUPKEY01	CHAR	CPSM	1	No	DIFF	No	Key segment 01 allows duplicate keys			EALL	10
DUPKEY01 Input/output valid values	N, Y										
DUPKEY02	CHAR	CPSM	1	No	DIFF	No	Key segment 02 allows duplicate keys			EALL	20
DUPKEY02 Input/output valid values	N, Y										
DUPKEY03	CHAR	CPSM	1	No	DIFF	No	Key segment 03 allows duplicate keys			EALL	30
DUPKEY03 Input/output valid values	N, Y										
DUPKEY04	CHAR	CPSM	1	No	DIFF	No	Key segment 04 allows duplicate keys			EALL	40
DUPKEY04 Input/output valid values	N, Y										
DUPKEY05	CHAR	CPSM	1	No	DIFF	No	Key segment 05 allows duplicate keys			EALL	50
DUPKEY05 Input/output valid values	N, Y										
DUPKEY06	CHAR	CPSM	1	No	DIFF	No	Key segment 06 allows duplicate keys			EALL	60
DUPKEY06 Input/output valid values	N, Y										
DUPKEY07	CHAR	CPSM	1	No	DIFF	No	Key segment 07 allows duplicate keys			EALL	70
DUPKEY07 Input/output valid values	N, Y										
DUPKEY08	CHAR	CPSM	1	No	DIFF	No	Key segment 08 allows duplicate keys			EALL	80
DUPKEY08 Input/output valid values	N, Y										
DUPKEY09	CHAR	CPSM	1	No	DIFF	No	Key segment 09 allows duplicate keys			EALL	90

Table 530. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
DUPKEY09 Input/output valid values	N, Y										
DUPKEY10	CHAR	CPSM	1	No	DIFF	No	Key segment 10 allows duplicate keys			EALL	100
DUPKEY10 Input/output valid values	N, Y										
DUPKEY11	CHAR	CPSM	1	No	DIFF	No	Key segment 11 allows duplicate keys			EALL	110
DUPKEY11 Input/output valid values	N, Y										
DUPKEY12	CHAR	CPSM	1	No	DIFF	No	Key segment 12 allows duplicate keys			EALL	120
DUPKEY12 Input/output valid values	N, Y										
DUPKEY13	CHAR	CPSM	1	No	DIFF	No	Key segment 13 allows duplicate keys			EALL	130
DUPKEY13 Input/output valid values	N, Y										
DUPKEY14	CHAR	CPSM	1	No	DIFF	No	Key segment 14 allows duplicate keys			EALL	140
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

Table 530. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
DUPKEY18 Input/output valid values	N, Y										
DUPKEY19	CHAR	CPSM	1	No	DIFF	No	Key segment 19 allows duplicate keys			EALL	190
DUPKEY19 Input/output valid values	N, Y										
DUPKEY20	CHAR	CPSM	1	No	DIFF	No	Key segment 20 allows duplicate keys			EALL	200
DUPKEY20 Input/output valid values	N, Y										
DUPKEY21	CHAR	CPSM	1	No	DIFF	No	Key segment 21 allows duplicate keys			EALL	210
DUPKEY21 Input/output valid values	N, Y										
DUPKEY22	CHAR	CPSM	1	No	DIFF	No	Key segment 22 allows duplicate keys			EALL	220
DUPKEY22 Input/output valid values	N, Y										
DUPKEY23	CHAR	CPSM	1	No	DIFF	No	Key segment 23 allows duplicate keys			EALL	230
DUPKEY23 Input/output valid values	N, Y										
DUPKEY24	CHAR	CPSM	1	No	DIFF	No	Key segment 24 allows duplicate keys			EALL	240
DUPKEY24 Input/output valid values	N, Y										
LENKEY01	CHAR	CPSM	4	No	DIFF	No	Key segment 01 length		0-999	EALL	9
LENKEY02	CHAR	CPSM	4	No	DIFF	No	Key segment 02 length		0-999	EALL	19
LENKEY03	CHAR	CPSM	4	No	DIFF	No	Key segment 03 length		0-999	EALL	29
LENKEY04	CHAR	CPSM	4	No	DIFF	No	Key segment 04 length		0-999	EALL	39
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

Table 530. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
LENKEY09	CHAR	CPSM	4	No	DIFF	No	Key segment 09 length		0-999	EALL	89
LENKEY10	CHAR	CPSM	4	No	DIFF	No	Key segment 10 length		0-999	EALL	99
LENKEY11	CHAR	CPSM	4	No	DIFF	No	Key segment 11 length		0-999	EALL	109
LENKEY12	CHAR	CPSM	4	No	DIFF	No	Key segment 12 length		0-999	EALL	119
LENKEY13	CHAR	CPSM	4	No	DIFF	No	Key segment 13 length		0-999	EALL	129
LENKEY14	CHAR	CPSM	4	No	DIFF	No	Key segment 14 length		0-999	EALL	139
LENKEY15	CHAR	CPSM	4	No	DIFF	No	Key segment 15 length		0-999	EALL	149
LENKEY16	CHAR	CPSM	4	No	DIFF	No	Key segment 16 length		0-999	EALL	159
LENKEY17	CHAR	CPSM	4	No	DIFF	No	Key segment 17 length		0-999	EALL	169
LENKEY18	CHAR	CPSM	4	No	DIFF	No	Key segment 18 length		0-999	EALL	179
LENKEY19	CHAR	CPSM	4	No	DIFF	No	Key segment 19 length		0-999	EALL	189
LENKEY20	CHAR	CPSM	4	No	DIFF	No	Key segment 20 length		0-999	EALL	199
LENKEY21	CHAR	CPSM	4	No	DIFF	No	Key segment 21 length		0-999	EALL	209
LENKEY22	CHAR	CPSM	4	No	DIFF	No	Key segment 22 length		0-999	EALL	219
LENKEY23	CHAR	CPSM	4	No	DIFF	No	Key segment 23 length		0-999	EALL	229
LENKEY24	CHAR	CPSM	4	No	DIFF	No	Key segment 24 length		0-999	EALL	239
MODKEY01	CHAR	CPSM	1	No	DIFF	No	Key segment 01 modifiable			EALL	11
MODKEY01 Input/output valid values	N, Y										
MODKEY02	CHAR	CPSM	1	No	DIFF	No	Key segment 02 modifiable			EALL	21
MODKEY02 Input/output valid values	N, Y										
MODKEY03	CHAR	CPSM	1	No	DIFF	No	Key segment 03 modifiable			EALL	31
MODKEY03 Input/output valid values	N, Y										
MODKEY04	CHAR	CPSM	1	No	DIFF	No	Key segment 04 modifiable			EALL	41
MODKEY04 Input/output valid values	N, Y										

Table 530. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
MODKEY05	CHAR	CPSM	1	No	DIFF	No	Key segment 05 modifiable			EALL	51
MODKEY05 Input/output valid values	N, Y										
MODKEY06	CHAR	CPSM	1	No	DIFF	No	Key segment 06 modifiable			EALL	61
MODKEY06 Input/output valid values	N, Y										
MODKEY07	CHAR	CPSM	1	No	DIFF	No	Key segment 07 modifiable			EALL	71
MODKEY07 Input/output valid values	N, Y										
MODKEY08	CHAR	CPSM	1	No	DIFF	No	Key segment 08 modifiable			EALL	81
MODKEY08 Input/output valid values	N, Y										
MODKEY09	CHAR	CPSM	1	No	DIFF	No	Key segment 09 modifiable			EALL	91
MODKEY09 Input/output valid values	N, Y										
MODKEY10	CHAR	CPSM	1	No	DIFF	No	Key segment 10 modifiable			EALL	101
MODKEY10 Input/output valid values	N, Y										
MODKEY11	CHAR	CPSM	1	No	DIFF	No	Key segment 11 modifiable			EALL	111
MODKEY11 Input/output valid values	N, Y										
MODKEY12	CHAR	CPSM	1	No	DIFF	No	Key segment 12 modifiable			EALL	121
MODKEY12 Input/output valid values	N, Y										
MODKEY13	CHAR	CPSM	1	No	DIFF	No	Key segment 13 modifiable			EALL	131
MODKEY13 Input/output valid values	N, Y										
MODKEY14	CHAR	CPSM	1	No	DIFF	No	Key segment 14 modifiable			EALL	141
MODKEY14 Input/output valid values	N, Y										
MODKEY15	CHAR	CPSM	1	No	DIFF	No	Key segment 15 modifiable			EALL	151

Table 530. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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										
MODKEY20	CHAR	CPSM	1	No	DIFF	No	Key segment 20 modifiable			EALL	201
MODKEY20 Input/output valid values	N, Y										
MODKEY21	CHAR	CPSM	1	No	DIFF	No	Key segment 21 modifiable			EALL	211
MODKEY21 Input/output valid values	N, Y										
MODKEY22	CHAR	CPSM	1	No	DIFF	No	Key segment 22 modifiable			EALL	221
MODKEY22 Input/output valid values	N, Y										
MODKEY23	CHAR	CPSM	1	No	DIFF	No	Key segment 23 modifiable			EALL	231
MODKEY23 Input/output valid values	N, Y										
MODKEY24	CHAR	CPSM	1	No	DIFF	No	Key segment 24 modifiable			EALL	241
MODKEY24 Input/output valid values	N, Y										
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	File key segment definition name				7
NULKEY01	CHAR	CPSM	1	No	DIFF	No	Key segment 01 allows null characters			EALL	13

Table 530. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
NULKEY01 Input/output valid values	N, Y										
NULKEY02	CHAR	CPSM	1	No	DIFF	No	Key segment 02 allows null characters			EALL	23
NULKEY02 Input/output valid values	N, Y										
NULKEY03	CHAR	CPSM	1	No	DIFF	No	Key segment 03 allows null characters			EALL	33
NULKEY03 Input/output valid values	N, Y										
NULKEY04	CHAR	CPSM	1	No	DIFF	No	Key segment 04 allows null characters			EALL	43
NULKEY04 Input/output valid values	N, Y										
NULKEY05	CHAR	CPSM	1	No	DIFF	No	Key segment 05 allows null characters			EALL	53
NULKEY05 Input/output valid values	N, Y										
NULKEY06	CHAR	CPSM	1	No	DIFF	No	Key segment 06 allows null characters			EALL	63
NULKEY06 Input/output valid values	N, Y										
NULKEY07	CHAR	CPSM	1	No	DIFF	No	Key segment 07 allows null characters			EALL	73
NULKEY07 Input/output valid values	N, Y										
NULKEY08	CHAR	CPSM	1	No	DIFF	No	Key segment 08 allows null characters			EALL	83
NULKEY08 Input/output valid values	N, Y										
NULKEY09	CHAR	CPSM	1	No	DIFF	No	Key segment 09 allows null characters			EALL	93
NULKEY09 Input/output valid values	N, Y										
NULKEY10	CHAR	CPSM	1	No	DIFF	No	Key segment 10 allows null characters			EALL	103

Table 530. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
NULKEY10 Input/output valid values	N, Y										
NULKEY11	CHAR	CPSM	1	No	DIFF	No	Key segment 11 allows null characters			EALL	113
NULKEY11 Input/output valid values	N, Y										
NULKEY12	CHAR	CPSM	1	No	DIFF	No	Key segment 12 allows null characters			EALL	123
NULKEY12 Input/output valid values	N, Y										
NULKEY13	CHAR	CPSM	1	No	DIFF	No	Key segment 13 allows null characters			EALL	133
NULKEY13 Input/output valid values	N, Y										
NULKEY14	CHAR	CPSM	1	No	DIFF	No	Key segment 14 allows null characters			EALL	143
NULKEY14 Input/output valid values	N, Y										
NULKEY15	CHAR	CPSM	1	No	DIFF	No	Key segment 15 allows null characters			EALL	153
NULKEY15 Input/output valid values	N, Y										
NULKEY16	CHAR	CPSM	1	No	DIFF	No	Key segment 16 allows null characters			EALL	163
NULKEY16 Input/output valid values	N, Y										
NULKEY17	CHAR	CPSM	1	No	DIFF	No	Key segment 17 allows null characters			EALL	173
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

Table 530. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
NULKEY19 Input/output valid values	N, Y										
NULKEY20	CHAR	CPSM	1	No	DIFF	No	Key segment 20 allows null characters			EALL	203
NULKEY20 Input/output valid values	N, Y										
NULKEY21	CHAR	CPSM	1	No	DIFF	No	Key segment 21 allows null characters			EALL	213
NULKEY21 Input/output valid values	N, Y										
NULKEY22	CHAR	CPSM	1	No	DIFF	No	Key segment 22 allows null characters			EALL	223
NULKEY22 Input/output valid values	N, Y										
NULKEY23	CHAR	CPSM	1	No	DIFF	No	Key segment 23 allows null characters			EALL	233
NULKEY23 Input/output valid values	N, Y										
NULKEY24	CHAR	CPSM	1	No	DIFF	No	Key segment 24 allows null characters			EALL	243
NULKEY24 Input/output valid values	N, Y										
NUMNLK01	CHAR	CPSM	4	No	DIFF	No	Key segment 01 null key number		0-255	EALL	16
NUMNLK02	CHAR	CPSM	4	No	DIFF	No	Key segment 02 null key number		0-255	EALL	26
NUMNLK03	CHAR	CPSM	4	No	DIFF	No	Key segment 03 null key number		0-255	EALL	36
NUMNLK04	CHAR	CPSM	4	No	DIFF	No	Key segment 04 null key number		0-255	EALL	46
NUMNLK05	CHAR	CPSM	4	No	DIFF	No	Key segment 05 null key number		0-255	EALL	56
NUMNLK06	CHAR	CPSM	4	No	DIFF	No	Key segment 06 null key number		0-255	EALL	66
NUMNLK07	CHAR	CPSM	4	No	DIFF	No	Key segment 07 null key number		0-255	EALL	76
NUMNLK08	CHAR	CPSM	4	No	DIFF	No	Key segment 08 null key number		0-255	EALL	86
NUMNLK09	CHAR	CPSM	4	No	DIFF	No	Key segment 09 null key number		0-255	EALL	96
NUMNLK10	CHAR	CPSM	4	No	DIFF	No	Key segment 10 null key number		0-255	EALL	106

Table 530. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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
NUMNLK16	CHAR	CPSM	4	No	DIFF	No	Key segment 16 null key number		0-255	EALL	166
NUMNLK17	CHAR	CPSM	4	No	DIFF	No	Key segment 17 null key number		0-255	EALL	176
NUMNLK18	CHAR	CPSM	4	No	DIFF	No	Key segment 18 null key number		0-255	EALL	186
NUMNLK19	CHAR	CPSM	4	No	DIFF	No	Key segment 19 null key number		0-255	EALL	196
NUMNLK20	CHAR	CPSM	4	No	DIFF	No	Key segment 20 null key number		0-255	EALL	206
NUMNLK21	CHAR	CPSM	4	No	DIFF	No	Key segment 21 null key number		0-255	EALL	216
NUMNLK22	CHAR	CPSM	4	No	DIFF	No	Key segment 22 null key number		0-255	EALL	226
NUMNLK23	CHAR	CPSM	4	No	DIFF	No	Key segment 23 null key number		0-255	EALL	236
NUMNLK24	CHAR	CPSM	4	No	DIFF	No	Key segment 24 null key number		0-255	EALL	246
POSKEY01	CHAR	CPSM	4	No	DIFF	No	Key segment 01 position		0-4090	EALL	8
POSKEY02	CHAR	CPSM	4	No	DIFF	No	Key segment 02 position		0-4090	EALL	18
POSKEY03	CHAR	CPSM	4	No	DIFF	No	Key segment 03 position		0-4090	EALL	28
POSKEY04	CHAR	CPSM	4	No	DIFF	No	Key segment 04 position		0-4090	EALL	38
POSKEY05	CHAR	CPSM	4	No	DIFF	No	Key segment 05 position		0-4090	EALL	48
POSKEY06	CHAR	CPSM	4	No	DIFF	No	Key segment 06 position		0-4090	EALL	58
POSKEY07	CHAR	CPSM	4	No	DIFF	No	Key segment 07 position		0-4090	EALL	68
POSKEY08	CHAR	CPSM	4	No	DIFF	No	Key segment 08 position		0-4090	EALL	78
POSKEY09	CHAR	CPSM	4	No	DIFF	No	Key segment 09 position		0-4090	EALL	88
POSKEY10	CHAR	CPSM	4	No	DIFF	No	Key segment 10 position		0-4090	EALL	98
POSKEY11	CHAR	CPSM	4	No	DIFF	No	Key segment 11 position		0-4090	EALL	108
POSKEY12	CHAR	CPSM	4	No	DIFF	No	Key segment 12 position		0-4090	EALL	118

Table 530. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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
POSKEY18	CHAR	CPSM	4	No	DIFF	No	Key segment 18 position		0-4090	EALL	178
POSKEY19	CHAR	CPSM	4	No	DIFF	No	Key segment 19 position		0-4090	EALL	188
POSKEY20	CHAR	CPSM	4	No	DIFF	No	Key segment 20 position		0-4090	EALL	198
POSKEY21	CHAR	CPSM	4	No	DIFF	No	Key segment 21 position		0-4090	EALL	208
POSKEY22	CHAR	CPSM	4	No	DIFF	No	Key segment 22 position		0-4090	EALL	218
POSKEY23	CHAR	CPSM	4	No	DIFF	No	Key segment 23 position		0-4090	EALL	228
POSKEY24	CHAR	CPSM	4	No	DIFF	No	Key segment 24 position		0-4090	EALL	238
SAMKEY01	CHAR	CPSM	1	No	DIFF	No	Key segment 01 part of next segment			EALL	14
SAMKEY01 Input/output valid values	N, Y										
SAMKEY02	CHAR	CPSM	1	No	DIFF	No	Key segment 02 part of next segment			EALL	24
SAMKEY02 Input/output valid values	N, Y										
SAMKEY03	CHAR	CPSM	1	No	DIFF	No	Key segment 03 part of next segment			EALL	34
SAMKEY03 Input/output valid values	N, Y										
SAMKEY04	CHAR	CPSM	1	No	DIFF	No	Key segment 04 part of next segment			EALL	44
SAMKEY04 Input/output valid values	N, Y										
SAMKEY05	CHAR	CPSM	1	No	DIFF	No	Key Seg 05 part of next segment			EALL	54
SAMKEY05 Input/output valid values	N, Y										

Table 530. FSEGDEF resource table attributes (continued)

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

Table 530. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
SAMKEY15	CHAR	CPSM	1	No	DIFF	No	Key segment 15 part of next segment			EALL	154
SAMKEY15 Input/output valid values	N, Y										
SAMKEY16	CHAR	CPSM	1	No	DIFF	No	Key segment 16 part of next segment			EALL	164
SAMKEY16 Input/output valid values	N, Y										
SAMKEY17	CHAR	CPSM	1	No	DIFF	No	Key segment 17 part of next segment			EALL	174
SAMKEY17 Input/output valid values	N, Y										
SAMKEY18	CHAR	CPSM	1	No	DIFF	No	Key segment 18 part of next segment			EALL	184
SAMKEY18 Input/output valid values	N, Y										
SAMKEY19	CHAR	CPSM	1	No	DIFF	No	Key segment 19 part of next segment			EALL	194
SAMKEY19 Input/output valid values	N, Y										
SAMKEY20	CHAR	CPSM	1	No	DIFF	No	Key segment 20 part of next segment			EALL	204
SAMKEY20 Input/output valid values	N, Y										
SAMKEY21	CHAR	CPSM	1	No	DIFF	No	Key segment 21 part of next segment			EALL	214
SAMKEY21 Input/output valid values	N, Y										
SAMKEY22	CHAR	CPSM	1	No	DIFF	No	Key segment 22 part of next segment			EALL	224
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										

Table 530. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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 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
> EYUt6165

Table 531. Valid CPSM operations

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

Table 532. FSGINGRP FEEDBACK error codes

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

Table 532. FSGINGRP FEEDBACK error codes (continued)

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

Table 533. FSGINGRP resource table attributes

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

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 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
EYUt6173

Table 534. Valid CPSM operations

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

Table 535. 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 536. 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
`FTRGROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
`FTRNAME-2`	CHAR	CPSM	8	Yes	DIFF	Yes	FEPI target definition name	6
`FTRVER-3`	BINARY	CPSM	1	Yes	AVG	Yes	FEPI target definition version	7

HOST Resource Table

A CICS resource that retrieves information about virtual hosts in the local system.

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

External resource name
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 537. 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 538. HOST resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Status	3
ENABLESTATUS Input/output valid values	ENABLED, DISABLED						
`NAME-1`	CHAR	INQ	116	DIFF	Yes	Name	1
`TCPIPSERVICE-2`	CHAR	INQ	8	DIFF	No	Inbound port TCP/IP service relating to this host	2

HTASK Resource Table

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
     3264

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 539. 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 540. HTASK FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	INV_COMB_RECENT	RECENT parameter not unique	22	INV_COMB_INTV_ET	Bad combination (INTERVAL+ENDTIME)
23	INV_COMB_INTV_ED	Bad combination (INTERVAL+ENDDATE)	24	INV_COMB_START_END	STARTDATE/TIME must preceed ENDDATE/TIME
25	INV_RECENT	Invalid RECENT value	26	INV_INTERVAL	Invalid INTERVAL value

Table 541. 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

Table 541. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
BATOTCCT	BINARY	CMF	4	AVG	No	BTS total data container requests		167
BATOTECT	BINARY	CMF	4	AVG	No	BTS total event requests		171
BATOTPCT	BINARY	CMF	4	AVG	No	BTS total requests		164
BMSCOUNT	BINARY	CMF	4	AVG	No	Total number of BMS requests		67
BMSINCNT	BINARY	CMF	4	AVG	No	Number of BMS map in requests		65
BMSMAPCNT	BINARY	CMF	4	AVG	No	Number of BMS map requests		64
BMSOUTCNT	BINARY	CMF	4	AVG	No	Number of BMS map out requests		66
BRDGTRAN	EYUDA	CMF	4	LIKE	No	Transaction ID started by bridge		137
BRDGTRAN Output valid values	YES, NO							
BRIDGE	CHAR	CMF	4	DIFF	No	Bridge transaction ID		136
BTECOMP	EYUDA	CPSM	4	LIKE	No	Workload manager begin-to-end phase complete		264
BTECOMP Output valid values	YES, NO							
CDSAGETM	BINARY	CMF	4	AVG	No	Number of GETMAIN requests in CDSA		30
CDSAPSHWM	BINARY	CMF	4	AVG	No	Maximum program storage in CDSA		47
CDSASHWM	BINARY	CMF	4	AVG	No	Peak number of bytes used by task in CDSA		34
CDSASOCC	BINARY	CMF	8	AVG	No	Average CDSA storage usage		39
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	E640PLUS	202
CICSWAIT	SCLOCK12	CMF	12	MAX	No	CICS event wait time		140
CLIPADDR	CHAR	CMF	40	DIFF	No	Client IP address		208
CONTROLWAIT	SCLOCK12	CMF	12	MAX	No	Give-up-control wait time		142
CORREUOW	HEX	CPSM	23	MIN	No	Correlation UOW ID		274
CPUTIME	SCLOCK12	CMF	12	MAX	No	User task CPU time		76
DB2CONWT	SCLOCK12	CMF	12	MAX	No	DB2 connection(TCB) wait time		189
DB2RDYQW	SCLOCK12	CMF	12	MAX	No	DB2 ready queue wait time		188

Table 541. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
DB2REQCT	BINARY	CMF	4	AVG	No	Total number of DB2 requests		201
DB2WAIT	SCLOCK12	CMF	12	MAX	No	DB2 request wait time		190
DETTRANTYPE	EYUDA	CPSM	4	LIKE	No	Transaction type details		263
DETTRANTYPE Output valid values	NONE, SYSTEM, MIRROR, DPL, ONCRPC, WEB, BRIDGE, CICSBTS							
DHCRECT	BINARY	CMF	4	AVG	No	Number of DOCUMENT CREATE requests		181
DHINSCT	BINARY	CMF	4	AVG	No	Number of DOCUMENT INSERT requests		182
DHRETCT	BINARY	CMF	4	AVG	No	Number of DOCUMENT RETRIEVE requests		184
DHSETCT	BINARY	CMF	4	AVG	No	Number of DOCUMENT SET requests		183
DHTOTCT	BINARY	CMF	4	AVG	No	Total number of document requests		185
DHTOTDCL	BINARY	CMF	4	AVG	No	Total length of documents created		186
DISPTIME	SCLOCK12	CMF	12	MAX	No	User task dispatch time		75
DSPDELAY	SCLOCK12	CMF	12	MAX	No	First dispatch delay time		108
ECDSAGETM	BINARY	CMF	4	AVG	No	Number of GETMAIN requests in ECDSA		31
ECDSAPSHWM	BINARY	CMF	4	AVG	No	Maximum program storage in ECDSA		46
ECDSASHWM	BINARY	CMF	4	AVG	No	Peak number of bytes used by task in ECDSA		35
ECDSASOCC	BINARY	CMF	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

Table 541. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
FCIOTIME	SCLOCK12	CMF	12	MAX	No	File control I/O wait time		81
FCPUTCNT	BINARY	CMF	4	AVG	No	Number of file control WRITE requests		50
FIRSTPRGM	CHAR	CMF	8	DIFF	No	First program name		7
GNQDELAY	SCLOCK12	CMF	12	MAX	No	Global enqueue delay time		204
ICCOUNT	BINARY	CMF	4	AVG	No	Number of Interval Control requests		72
IMSREQCT	BINARY	CMF	4	AVG	No	Total number of IMS requests		200
IMSWAIT	SCLOCK12	CMF	12	MAX	No	IMS request wait time		187
INDOUBT	EYUDA	CMF	4	LIKE	No	Transaction indoubt option		134
INDOUBT Output valid values	BACKWARD, FORWARD							
INDOUBTFAIL	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW indoubt failure		271
INDOUBTFAIL Output valid values	YES, NO							
INDOUBTWAIT	EYUDA	CMF	4	LIKE	No	Indoubt wait time		135
INDOUBTWAIT Output valid values	YES, NO							
INTVLC	BINARY	CMF	4	AVG	No	Interval control count		145
INTVLWAIT	SCLOCK12	CMF	12	MAX	No	Interval control delay time		141
IRIOTIME	SCLOCK12	CMF	12	MAX	No	Interregion communication (MRO) I/O wait time		84
ISOLATEST	EYUDA	CMF	4	LIKE	No	Data isolation type		87
ISOLATEST Output valid values	NO, YES							
J8CPUT	SCLOCK12	CMF	12	MAX	No	J8 TCB mode CPU time		198
JCIOTIME	SCLOCK12	CMF	12	MAX	No	Journal control I/O wait time		82
JCUSRWCNT	BINARY	CMF	4	AVG	No	Number of journal output requests		71
JRNLWRITREQ	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
LOGGRWRITREQ	BINARY	CMF	4	AVG	No	Number of CICS logger write requests		129
LU61WTT	SCLOCK12	CMF	12	MAX	No	LU61 I/O wait time		112
LU62WTT	SCLOCK12	CMF	12	MAX	No	LU62 I/O wait time		113
LUNAME	CHAR	CMF	8	DIFF	No	VTAM LU name		8
MSCPUT	SCLOCK12	CMF	12	MAX	No	Other TCB mode CPU time		196
MSDISPT	SCLOCK12	CMF	12	MAX	No	Other TCB mode dispatch time		195
MSGIN	BINARY	CMF	4	AVG	No	Number of primary TC messages received		19

Table 541. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
MSGINSEC	BINARY	CMF	4	AVG	No	Number of secondary TC messages received		23
MSGOUT	BINARY	CMF	4	AVG	No	Number of primary TC messages sent		21
MSGOUTSEC	BINARY	CMF	4	AVG	No	Number of secondary TC messages sent		25
MXTDELAY	SCLOCK12	CMF	12	MAX	No	First dispatch delay time caused by MXT		110
MXTOTDLY	SCLOCK12	CMF	12	MAX	No	Maximum open TCB delay time		191
NETNAME	CHAR	CMF	20	DIFF	No	LU 6.2 network-wide UOW netname		11
NETUOWID	HEX	CMF	27	MIN	No	LU6.2 network-wide UOW ID		262
OADATA1	CHAR	CMF	64	DIFF	No	Originating adapter data 1	E640 E650 E660	385
OADATA2	CHAR	CMF	64	DIFF	No	Originating adapter data 2	E640 E650 E660	386
OADATA3	CHAR	CMF	64	DIFF	No	Originating adapter data 3	E640 E650 E660	387
OADID	CHAR	CMF	64	DIFF	No	Originating adapter ID	E640 E650 E660	384
OAPPLID	CHAR	CMF	8	MAX	No	Originating 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 TCPIPSERVICE	E640	345
OTRAN	CHAR	CMF	4	MAX	No	Originating transaction id	E640	342
OTRANFLG	HEX	CMF	8	MAX	No	Originating transaction flags	E640	349
OTRANNUM	DECIMAL	CMF	4	MAX	No	Originating transaction sequence number	E640	341
OUSERCOR	CHAR	CMF	64	MAX	No	Originating user correlation data	E640	344
OUSERID	CHAR	CMF	8	MAX	No	Originating 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

Table 541. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
PHAPPLID	CHAR	CMF	8	MAX	No	Previous hop applid	E640 E650 E660	389
PHCOUNT	BINARY	CMF	4	MAX	No	Previous hop count	E640 E650 E660	394
PHNTWKID	CHAR	CMF	8	MAX	No	Previous hop network qualifier	E640 E650 E660	388
PHSTART	TIMESTP	CMF	8	MAX	No	Previous hop task start time	E640 E650 E660	391
PHTRAN	CHAR	CMF	4	MAX	No	Previous hop transaction ID	E640 E650 E660	393
PHTRANNO	DECIMAL	CMF	4	MAX	No	Previous hop transaction sequence number	E640 E650 E660	392
PRCSID	HEX	CMF	52	MIN	No	BTS process ID		150
PRCSNAME	CHAR	CMF	36	DIFF	No	BTS process name		149
PRCSTYPE	CHAR	CMF	8	DIFF	No	BTS process type		151
PRIORITY	BINARY	CMF	4	AVG	No	Task priority		14
PSTG24HWM	BINARY	CMF	4	AVG	No	Maximum program storage below 16MB		42
PSTG31HWM	BINARY	CMF	4	AVG	No	Maximum program storage above 16MB		43
PSTGHWM	BINARY	CMF	4	AVG	No	Maximum program storage across all DSAs		41
QRCPUT	SCLOCK12	CMF	12	MAX	No	CPU time used while running in QR TCB mode		194
QRDISPT	SCLOCK12	CMF	12	MAX	No	Dispatch time while running in QR TCB mode		193
QRMODDLY	SCLOCK12	CMF	12	MAX	No	QR TCB mode delay time		192
RECTYPE	CHAR	CMF	4	DIFF	No	Record type		15

Table 541. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
RESOLVEACT	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW resolved with indoubt action		268
RESOLVEACT Output valid values	YES, NO							
RESPTIME	INTTSTP	CPSM	8	MAX	No	Task response time		273
RLSCPUT	SCLOCK12	CMF	12	MAX	No	CPU time used by VSAM Record Level Sharing		144
RLSWAITTIME	SCLOCK12	CMF	12	MAX	No	VSAM Record Level Sharing wait time		132
RMICPSMTIME	SCLOCK12	CMF	12	MAX	No	CICSPlex SM RMI elapsed time		334
RMIDB2TIME	SCLOCK12	CMF	12	MAX	No	DB2 RMI elapsed time		330
RMIDBCTLTIME	SCLOCK12	CMF	12	MAX	No	DBCTL RMI elapsed time		331
RMIEXECDLITM	SCLOCK12	CMF	12	MAX	No	DL/I RMI elapsed time		332
RMIMQSERIEST	SCLOCK12	CMF	12	MAX	No	WebSphere MQ RMI elapsed time		333
RMIOTHERTIME	SCLOCK12	CMF	12	MAX	No	Total other RMI elapsed time		329
RMISUSP	SCLOCK12	CMF	12	MAX	No	Total RMI suspend time		115
RMITCPIPTIME	SCLOCK12	CMF	12	MAX	No	TCP/IP Sockets RMI elapsed time		335
RMITIME	SCLOCK12	CMF	12	MAX	No	Total RMI elapsed time		114
RMITOTALTIME	SCLOCK12	CMF	12	MAX	No	Total RMI elapsed time		328
ROFAIL	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW resource owner failure		272
ROFAIL Output valid values	YES, NO							
ROPS31HWM	BINARY	CMF	4	AVG	No	Maximum read-only program storage		48
RRMSURID	HEX	CMF	16	MIN	No	RRMS/MVS unit of recovery ID		207
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

Table 541. HTASK resource table attributes (continued)

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

Table 541. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TASKDATALOC	EYUDA	CMF	4	LIKE	No	Data location above/below 16MB		89
TASKDATALOC Output valid values	BELOW, ANY							
TASKFLAG	BINARY	CMF	4	AVG	No	Transaction error flags		16
TCBATTCT	BINARY	CMF	4	AVG	No	Number of CICS dispatcher TCB attaches		203
TCC62IN2	BINARY	CMF	4	AVG	No	Number of secondary LU62 TC characters received		92
TCC62OU2	BINARY	CMF	4	AVG	No	Number of secondary LU62 TC characters sent		94
TCIOTIME	SCLOCK12	CMF	12	MAX	No	Terminal control I/O wait time		80
TCLDELAY	SCLOCK12	CMF	12	MAX	No	First dispatch delay time caused by TCL		109
TCM62IN2	BINARY	CMF	4	AVG	No	Number of secondary LU62 TC messages received		91
TCM62OU2	BINARY	CMF	4	AVG	No	Number of secondary LU62 TC messages sent		93
TDCOUNT	BINARY	CMF	4	AVG	No	Total number of transient data requests		59
TDGETCNT	BINARY	CMF	4	AVG	No	Number of transient data GET requests		56
TDIOTIME	SCLOCK12	CMF	12	MAX	No	Transient data I/O wait time		85
TDPURCNT	BINARY	CMF	4	AVG	No	Number of transient data PURGE requests		58
TDPUTCNT	BINARY	CMF	4	AVG	No	Number of transient data PUT requests		57
TERMCONNAME	CHAR	CMF	4	DIFF	No	Terminal connection name		120
TERMID	CHAR	CMF	4	DIFF	No	Actual terminal ID or session ID		212
TERMNALINFO	HEX	CMF	4	MIN	No	Terminal information		130
`TIME-1`	HEX	CMF	8	MIN	Yes	Time key		1
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
TMRCFACT	BINARY	CMF	4	AVG	No	Number of OO class library API requests		225
TMRCIPOR	BINARY	CMF	4	MAX	No	Client IP Port	E640	353
TMRCMDLY	SCLOCK12	CMF	12	AVG	No	CICS TCB Change Mode delay time		314
TMRDHDLC	BINARY	CMF	4	AVG	No	Number of Document Delete requests	E640	336
TMRDSCWT	SCLOCK12	CMF	12	MAX	No	Dispatcher MVS storage constraint wait time		287

Table 541. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TMRDSMWT	SCLOCK12	CMF	12	MAX	No	Dispatcher TCB mismatch wait time		286
TMRDSTHW	BINARY	CMF	4	AVG	No	Peak number of CICS dispatcher TCBs		277
TMRECEVC	BINARY	CMF	4	MAX	No	Number of events captured	E640 E650	369
TMRECFOC	BINARY	CMF	4	MAX	No	Number of event filter commands	E640 E650	368
TMRECSEC	BINARY	CMF	4	MAX	No	Number of synchronous emission events captured	E640 E650 E660	383
TMRECSGE	BINARY	CMF	4	MAX	No	Number of SIGNAL EVENT requests	E640 E650	367
TMREICTC	BINARY	CMF	4	MAX	No	Total number of EXEC CICS requests	E640 E650	366
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	E640PLUS	251
TMRICSCC	BINARY	CMF	4	AVG	No	Total local interval control starts with channel		317
TMRICSCD	BINARY	CMF	4	AVG	No	Data length of all local IC starts with channel		318
TMRICSRC	BINARY	CMF	4	AVG	No	Total remote interval control starts with channel		319
TMRICSRD	BINARY	CMF	4	AVG	No	Data length of all remote IC starts with channel		320
TMRISACT	BINARY	CMF	4	MAX	No	Number of IPCONN allocate requests	E640	355
TMRISCNM	CHAR	CMF	8	MAX	No	IPCONN Name	E640	354
TMRISWT	SCLOCK12	CMF	12	MAX	No	IPCONN I/O wait time	E640	356
TMRJ9CPU	SCLOCK12	CMF	12	MAX	No	J9 TCB mode CPU time		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

Table 541. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
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

Table 541. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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
TMRSOPHW	BINARY	CMF	4	AVG	No	Peak number of persistent sockets		235
TMRSORCT	BINARY	CMF	4	AVG	No	Number of socket receive requests		236
TMRSOSCT	BINARY	CMF	4	AVG	No	Number of socket send requests		238
TMRSOTC	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

Table 541. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TMRTCPSV	CHAR	CMF	8	DIFF	No	TCP/IP Service name		260
TMRTGPID	HEX	CMF	28	DIFF	No	Transaction group ID		219
TMRTIATC	BINARY	CMF	4	MAX	No	Number of EXEC CICS ASKTIME requests	E640 E650	375
TMRTITC	BINARY	CMF	4	MAX	No	Total number of EXEC xxxTIME Requests	E640 E650	376
TMRTTDLY	SCLOCK12	CMF	12	MAX	No	Maximum thread TCB delay time	E640 E650	365
TMRURIMN	CHAR	CMF	8	DIFF	No	URI map name	E640 E650	370
TMRWBBOC	BINARY	CMF	4	AVG	No	Number of web browse requests		311
TMRWBBRC	BINARY	CMF	4	AVG	No	Number of WEB BROWSE requests		228
TMRWBERC	BINARY	CMF	4	AVG	No	Number of WEB EXTRACT requests		227
TMRWBI1C	BINARY	CMF	4	AVG	No	Number of bytes received by web requests		307
TMRWBIRC	BINARY	CMF	4	AVG	No	Number of web receive requests		306
TMRWBIWC	BINARY	CMF	4	AVG	No	Number of invoke web service requests		303
TMRWBO1C	BINARY	CMF	4	AVG	No	Number of bytes sent by web send requests		309
TMRWBOSC	BINARY	CMF	4	AVG	No	Number of web send requests		308
TMRWBPRC	BINARY	CMF	4	AVG	No	Number of web parse requests		310
TMRWBRDL	BINARY	CMF	4	AVG	No	Data length of data read from the repository		322
TMRWBROC	BINARY	CMF	4	AVG	No	Number of web read requests		304
TMRWBRPR	BINARY	CMF	4	AVG	No	Number of repository reads		226
TMRWBRRC	BINARY	CMF	4	AVG	No	Number of WEB READ requests		229
TMRWBWDL	BINARY	CMF	4	AVG	No	Data length of data written to the repository		323
TMRWBWOC	BINARY	CMF	4	AVG	No	Number of web write requests		305
TMRWBWRC	BINARY	CMF	4	AVG	No	Number of WEB WRITE requests		230
TMRWMQRC	BINARY	CMF	4	MAX	No	Total number WebSphere MQ requests	E640	351
TMRWPBMN	CHAR	CMF	8	DIFF	No	Program name	E640 E650	374
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

Table 541. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TMRWSCGC	BINARY	CMF	4	MAX	No	Number of WSACONTEXT GET requests	E640 E650	361
TMRWSEPC	BINARY	CMF	4	MAX	No	Number of WSAEPR CREATE requests	E640 E650	362
TMRWSOPN	CHAR	CMF	64	DIFF	No	Web Services operation name	E640 E650	381
TMRWSVCN	CHAR	CMF	32	DIFF	No	Webservice name	E640 E650	373
TMRX8CPU	SCLOCK12	CMF	12	AVG	No	User task X8 mode CPU time		315
TMRX9CPU	SCLOCK12	CMF	12	AVG	No	User task X9 mode CPU time		316
TMRXTDLY	SCLOCK12	CMF	12	AVG	No	Maximum CICS XPLink TCB delay time		313
TRANCLASS	CHAR	CMF	8	DIFF	No	Transaction class		6
TRANFLAGS	HEX	CMF	8	MIN	No	Transaction flags		118
TRANID	CHAR	CMF	4	DIFF	No	Transaction ID		9
TRANTYPE	CHAR	CMF	4	DIFF	No	Transaction type		10
TSCOUNT	BINARY	CMF	4	AVG	No	Total number of TS requests		63
TSGETCNT	BINARY	CMF	4	AVG	No	Number of temporary storage GET requests		60
TSIOTIME	SCLOCK12	CMF	12	MAX	No	TS I/O wait time		83
TSPUTACNT	BINARY	CMF	4	AVG	No	Number of TS PUT requests to auxiliary storage		61
TSPUTMCNT	BINARY	CMF	4	AVG	No	Number of TS PUT requests to main storage		62
UNSHUNTED	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW unshunted		270
UNSHUNTED Output valid values	YES, NO							
UOWID	HEX	CMF	8	MIN	No	Local unit of work (UOW) ID		4
UOWINSTSEQ	HEX	CMF	8	MIN	No	LU6.2 network-wide UOW instance and sequence number		133
USERID	CHAR	CMF	8	DIFF	No	User ID		5
USRPS24HWM	BINARY	CMF	4	AVG	No	Maximum program storage in UDSA		45
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

Table 541. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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 542. Valid CPSM operations

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

Table 543. 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								
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
TDQUEUE-1	CHAR	INQ	4	DIFF	Yes	Queue ID			1

INTRATDQ Resource Table

A CICS Resource that describes an intrapartition transient data queue in an active CICS system being managed by CICSPlex SM.

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

The following actions are supported:

DISABLE
Disable the destination.

DISCARD
Discard a disabled destination.

ENABLE
Enable the destination.

These actions require no unique parameter data.

External resource name
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 544. 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 545. 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			

Table 545. INTRATDQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
ATIFACILITY	CVDAS	INQ	4	LIKE	Yes	ATI facility type			2
ATIFACILITY Input/output valid values	TERMINAL, NOTERMINAL								
ATIFACILITY Output valid values	NOTAPPLIC								
ATITERMID	CHAR	INQ	4	DIFF	Yes	ATI terminal ID			3
ATITRANID	CHAR	INQ	4	DIFF	Yes	ATI transaction ID			4
ATIUSERID	CHAR	INQ	8	DIFF	Yes	ATI User ID			10
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	22
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	13
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, SYSTEM, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	15
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	17
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	14
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	18
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	19
INDOUBT	CVDAS	INQ	4	LIKE	No	In-doubt wait action			11
INDOUBT Output valid values	QUEUE, REJECT, NOTAPPLIC								
INDOUBTWAIT	CVDAS	INQ	4	LIKE	No	In-doubt wait option			12
INDOUBTWAIT Output valid values	WAIT, NOWAIT, NOTAPPLIC								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	16
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST, SYSTEM								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	21
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	20
NUMITEMS	BINARY	INQ	4	AVG	No	Number of items			6
OUTCNT	BINARY	STAT	4	AVG	No	Number of 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								

Table 545. INTRATDQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
STATUS Output valid values	NOTAPPLIC								
`TDQUEUE-1`	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 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
>   EYUt6181

Table 546. Valid CPSM operations

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

Table 547. IPCINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description

Table 547. IPCINGRP 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 548. IPCINGRP resource table attributes

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

IPCONDEF Resource Table

A CICS Definition that describes an IPIC connection between CICS and a remote system.

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

The following actions are supported:

INSTALL
> Install a Connection Definition.
>
> The parameter data for the INSTALL action is described in "Parameters for installing CICS definitions 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 549. 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 550. IPCONDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name

Table 550. IPCONDEF FEEDBACK error codes (continued)

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_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 access error			

Table 551. 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

Table 551. IPCONDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CIPHERS	CHAR	CPSM	56	No	LIKE	No	SSL cipher suite codes				29
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				19
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	38
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		24
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				23
HOST	CHAR	CPSM	116	Yes	DIFF	No	Remote host name				25
IDPROP	CVDAS	CPSM	4	Yes	LIKE	No	Identity propagation	NOTALLOWED		E640 E650	37
IDPROP Input/output valid values	NOTALLOWED, OPTIONAL, REQUIRED										
INSERVICE	EYUDA	CPSM	4	Yes	LIKE	No	Connection status	YES			9
INSERVICE Input/output valid values	NO, YES										
LINKAUTH	CVDAS	CPSM	4	No	LIKE	No	Link security	SECUSER			32
LINKAUTH Input/output valid values	SECUSER, CERTUSER										
MAXQTIME	CHAR	CPSM	8	No	DIFF	No	Maximum queue time	NO	0-9999		18
MAXQTIME Input/output valid values	NO										
MIRRORLIFE	CVDAS	INQ	4	No	DIFF	No	Minimum mirror lifetime	REQUEST		E640 E650 E660	39
MIRRORLIFE Input/output valid values	REQUEST, TASK, UOW										
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
NETWORKID	CHAR	CPSM	8	No	DIFF	No	Remote network ID				15
PORT	CHAR	CPSM	5	Yes	DIFF	No	Port number	NO	1-65535		13
PORT Input/output valid values	NO										
QUEUELIMIT	CHAR	CPSM	8	No	DIFF	No	Queue limit	NO	0-9999		17
QUEUELIMIT Input/output valid values	NO										
RECEIVECOUNT	CHAR	CPSM	3	Yes	DIFF	No	Receive count		1-999		26
SECURITYNAME	CHAR	CPSM	8	No	LIKE	No	Security name of the remote system				30
SENDCOUNT	CHAR	CPSM	3	Yes	DIFF	No	Send count		0-999		27
SSL	EYUDA	CPSM	4	Yes	LIKE	No	Secure sockets layer (SSL) type	NO			11

Table 551. IPCONDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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
760

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 552. 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

Table 552. Valid CPSM operations (continued)

	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 553. 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	CVDAS	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	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	49
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, AUTOINSTALL, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	51
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	52
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								

Table 553. IPCONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
CRECVSESS	BINARY	STAT	4	DIFF	No	Number of receive sessions in use			27
CSENDSESS	BINARY	STAT	4	DIFF	No	Number of send sessions in use			25
CURRQUEUED	BINARY	STAT	4	DIFF	No	Current number of allocates queued			30
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	53
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	54
EXITALLCPUR	BINARY	STAT	4	DIFF	No	Number of XISQUE allocates purged			39
EXITALLCQPUR	BINARY	STAT	4	DIFF	No	Number of XISQUE allocation queue purges			38
EXITALLCREJ	BINARY	STAT	4	DIFF	No	Number of XISQUE allocate rejections			37
FSFCBYTERECD	BINARY	STAT	8	AVG	No	Number of FC function shipped bytes received		E640 E650 E660	75
FSFCBYTESENT	BINARY	STAT	8	AVG	No	Number of FC function shipped bytes sent		E640 E650 E660	74
FSFCREQS	BINARY	STAT	4	AVG	No	Number of FC function shipped requests		E640 E650 E660	73
FSICBYTERECD	BINARY	STAT	8	AVG	No	Number of IC function shipped bytes received		E640 E650	69
FSICBYTESENT	BINARY	STAT	8	AVG	No	Number of IC function shipped bytes sent		E640 E650	68
FSICREQS	BINARY	STAT	4	DIFF	No	Number of IC function shipped requests		E640 E650	67
FSPCBYTERECD	BINARY	STAT	8	DIFF	No	Number of PC function shipped bytes received			20
FSPCBYTESENT	BINARY	STAT	8	DIFF	No	Number of PC function shipped bytes sent			19
FSPGREQS	BINARY	STAT	4	DIFF	No	Number of PC function shipped requests			41
FSTDBYTERECD	BINARY	STAT	8	AVG	No	Number of TD function shipped bytes received		E640 E650 E660	78
FSTDBYTESENT	BINARY	STAT	8	AVG	No	Number of TD function shipped bytes sent		E640 E650 E660	77
FSTDREQS	BINARY	STAT	4	AVG	No	Number of TD function shipped requests		E640 E650 E660	76
FSTSBYTERECD	BINARY	STAT	8	AVG	No	Number of TS function shipped bytes received		E640 E650 E660	81
FSTSBYTESENT	BINARY	STAT	8	AVG	No	Number of TS function shipped bytes sent		E640 E650 E660	80

Table 553. IPCONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
FSTSREQS	BINARY	STAT	4	AVG	No	Number of TS function shipped requests		E640 E650 E660	79
GMTCTIME	TIMESTP	STAT	8	MAX	No	GMT connection create time			23
GMTDTIME	TIMESTP	STAT	8	MAX	No	GMT connection delete time			24
HOST	CHAR	INQ	116	DIFF	Yes	Remote host name			5
HOSTTYPE	CVDAS	INQ	4	LIKE	No	Host name's address format		E640 E650	63
HOSTTYPE Output valid values	HOSTNAME, IPV4, IPV6, NOTAPPLIC								
IDPROP	CVDAS	INQ	4	LIKE	No	Identity propagation		E640 E650	70
IDPROP Output valid values	NOTALLOWED, OPTIONAL, REQUIRED								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	57
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, AUTOINSTALL, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	56
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	55
IPFAMILY	CVDAS	INQ	4	LIKE	No	The format of the resolved IP address		E640 E650	62
IPFAMILY Output valid values	IPV4, IPV6, UNKNOWN								
IPRESOLVED	CHAR	INQ	39	DIFF	No	Remote host's IP address		E640 E650	61
LINKAUTH	CVDAS	INQ	4	LIKE	No	Link security			16
LINKAUTH Output valid values	SECUSER, CERTUSER								
LOCCTIME	TIMESTP	STAT	8	MAX	No	Local connection create time			21
LOCDTIME	TIMESTP	STAT	8	MAX	No	Local connection delete time			22
MAXQTIME	BINARY	INQ	4	DIFF	No	Maximum queue time	NO		6
MIRRORLIFE	CVDAS	INQ	4	DIFF	No	Minimum mirror lifetime		E640 E650 E660	72
MIRRORLIFE Input/output valid values	REQUEST, TASK, UOW								
MQTALLPURG	BINARY	STAT	4	DIFF	No	Number of queue time allocates purged			36
MQTALLQPURG	BINARY	STAT	4	DIFF	No	Number of queue time allocation queue purges			35
`NAME-1`	CHAR	INQ	8	DIFF	Yes	IPIC connection ID			1
NETWORKID	CHAR	INQ	8	DIFF	No	Remote network ID			15

Table 553. IPCONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
NUMCIPHERS	BINARY	INQ	2	LIKE	No	Number of SSL cipher suite codes			45
PARTNER	CHAR	INQ	64	DIFF	No	Product token of partner system		E640 E650	60
PEAKQUEUED	BINARY	STAT	4	DIFF	No	Number of peak queued session allocations			31
PENDSTATUS	CVDAS	INQ	4	LIKE	Yes	Pending status			7
PENDSTATUS Input/output valid values	PENDING, NOTPENDING								
PORT	BINARY	INQ	4	DIFF	No	Port number			8
PRECVSESS	BINARY	STAT	4	DIFF	No	Maximum number of receive sessions used			28
PSENDSESS	BINARY	STAT	4	DIFF	No	Maximum number of send sessions used			26
PURGETYPE	CVDAS	INQ	4	LIKE	Yes	Purge type			17
PURGETYPE Input/output valid values	CANCEL, FORCECANCEL, FORCEPURGE, KILL, PURGE, N_A								
QLIMALLOCREJ	BINARY	STAT	4	DIFF	No	Number of queue limit allocate rejections			34
QUEUELIMIT	BINARY	INQ	4	DIFF	No	Queue limit			9
RECEIVECOUNT	BINARY	INQ	4	DIFF	No	Receive count			10
RECOVSTATUS	CVDAS	INQ	4	LIKE	Yes	Recovery status			11
RECOVSTATUS Input/output valid values	NORECOVDATA, NRS, RECOVDATA								
REMTRMSTRT	BINARY	STAT	4	AVG	No	Remote terminal starts		E640 E650	71
SECURITYNAME	CHAR	CPSM	8	DIFF	No	Security name of the remote system			47
SENDCOUNT	BINARY	INQ	4	DIFF	No	Send count			12
SERVSTATUS	CVDAS	INQ	4	LIKE	Yes	Service status			13
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE								
SSLTYPE	CVDAS	INQ	4	LIKE	No	Secure sockets layer (SSL) type			42
SSLTYPE Output valid values	SSL, NOSSL								
TCPIPSERVICE	CHAR	INQ	8	DIFF	Yes	TCP/IP service			14
TOTALLOC	BINARY	STAT	4	DIFF	No	Total number of session allocations			29
TRANSATTCH	BINARY	STAT	4	DIFF	No	Number of transactions attached			40
TRBYTERECD	BINARY	STAT	8	AVG	No	Number of TR function shipped bytes received		E640 E650	66
TRBYTESENT	BINARY	STAT	8	AVG	No	Number of TR function shipped bytes sent		E640 E650	65
TRREQS	BINARY	STAT	4	AVG	No	Number of TR function shipped requests		E640 E650	64

Table 553. IPCONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
UNSUPREQS	BINARY	STAT	4	AVG	No	Number of unsupported requests		E640 E650 E660	82
UOWACTION	CVDAS	INQ	4	LIKE	Yes	UOW Action			18
UOWACTION Input/output valid values	BACKOUT, COMMIT, FORCE, RESYNC, N_A								
USERAUTH	CVDAS	INQ	4	LIKE	No	Attach-time user security level			43
USERAUTH Output valid values	DEFAULTUSER, LOCAL, VERIFY, IDENTIFY								

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 554. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 555. IPFACIL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
IPCONN	CHAR	INQ	8	DIFF	No	IP connection id	3
IPFACILTYPE	CVDAS	INQ	4	LIKE	No	IP facility type	4
IPFACILTYPE Input/output valid values	PRINCIPAL, ALTERNATE						
`TASKID-1`	DECIMAL	INQ	4	MIN	Yes	Associated task id	1
`TOKEN-2`	HEX	INQ	4	MIN	Yes	IP facility token	2

JMSINGRP Resource Table

A CPSM Business Application Services definition that describes the membership of a JVMSERVER 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 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
    EYUt6186

Table 556. Valid CPSM operations

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

Table 557. JMSINGRP FEEDBACK error codes

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

Table 557. JMSINGRP FEEDBACK error codes (continued)

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

Table 558. JMSINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	4
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	7
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	6
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	5
`JMSGROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	10
`JMSNAME-2`	CHAR	CPSM	8	Yes	DIFF	Yes	JVM Server definition name	11
`JMSVER-3`	BINARY	CPSM	1	Yes	AVG	Yes	JVM server definition version	12

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 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 559. Valid CPSM operations

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

Table 560. 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 561. JRMINGRP 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
`JRNMDVER-3`	BINARY	CPSM	1	Yes	AVG	Yes	Journal model definition version	7
`JRNMGROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
`JRNMNAME-2`	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 562. Valid CPSM operations

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

Table 563. 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 564. 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
`JRNLGROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
`JRNLNAME-2`	CHAR	CPSM	8	Yes	DIFF	Yes	Journal definition name	6
`JRNLVER-3`	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 565. 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	ADDTOGRP	RESGROUP(value)	Yes

Table 566. JRNLDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name

Table 567. JRNLDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ARCHSTATUS	CVDAS	CPSM	4	Yes	LIKE	No	Automatic archiving status	NOAUTOARCH		16
ARCHSTATUS Input/output valid values	AUTOARCH, NOAUTOARCH, REVERTED									
BUFFERSIZE	CHAR	CPSM	8	Yes	DIFF	No	I/O buffer size		512-32760	10
BUFSUV	CHAR	CPSM	8	No	DIFF	No	Buffer shiftup value	NO	1-32760	24
BUFSUV Input/output valid values	NO									
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed			1
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Definition create time			26
CRUCIAL	EYUDA	CPSM	4	Yes	LIKE	No	Perform action when I/O error occurs	NO		17
CRUCIAL Input/output valid values	YES, NO									
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Definition version	0	0-15	5
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Definition description			30
DEVADDR	CHAR	CPSM	4	No	DIFF	No	Device address	NO	0-255	23
DEVADDR Input/output valid values	NO									
EMRGNCYRSTRT	EYUDA	CPSM	4	Yes	LIKE	No	Emergency restart data set	LRU		21
EMRGNCYRSTRT Input/output valid values	LRU, EXTA									
INPUT	EYUDA	CPSM	4	Yes	LIKE	No	Input allowed	NO		20
INPUT Input/output valid values	YES, NO									
JOURNALTYPE	CVDAS	CPSM	4	Yes	LIKE	No	Journal type	DISK1		9
JOURNALTYPE Input/output valid values	SMF, TAPE1, TAPE2, DISK1, DISK2									
LABEL	EYUDA	CPSM	4	Yes	LIKE	No	Use standard user label tapes	NO		11
LABEL Input/output valid values	NO, STANDARD									
LAYOUT	EYUDA	CPSM	4	Yes	LIKE	No	Journal structure type	LINEAR		12
LAYOUT Input/output valid values	LINEAR, CYCLIC									
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Journal definition name			7

Table 567. JRNLDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
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 z/OS and being managed by CICSPlex SM.

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

The following action is supported:

DISCARD
> Discard the journal model.

The DISCARD action requires no unique parameter data.

External resource name
> CICSJournalModel

Length
> 128

Usage   API or 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 568. Valid CPSM operations

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

Table 569. 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
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	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	14
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	13
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	12
`JOURNALMODEL-1`	CHAR	INQ	8	DIFF	Yes	Journal model name			1
JOURNALNAME	CHAR	INQ	8	DIFF	No	Journal name			2

Table 569. JRNLMODL resource table attributes (continued)

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

JRNLNAME Resource Table

A CICS Resource that describes a journal in an active system running the CICS TS for z/OS and being managed by CICSPlex SM.

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

The following actions are supported:

DISCARD
Discard the journal name.

FLUSH
Write the log buffers out to the log stream.

RESET
Disconnect the journal from the log stream.

These actions require no unique parameter data.

External resource name
CICSJournalName

Length
80

Usage   API or 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 570. 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

Table 570. Valid CPSM operations (continued)

	DISCARD	None	N/A

Table 571. JRNLNAME resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
`JOURNALNAME-1`	CHAR	INQ	8	DIFF	Yes	Journal name	1
NUMBUFLUSH	BINARY	STAT	4	SUM	No	Number of buffer flush requests	8
NUMBYTES	BINARY	STAT	8	AVG	No	Total number of bytes written	7
NUMWRITES	BINARY	STAT	4	SUM	No	Number of journal writes	6
STATUS	CVDAS	INQ	4	LIKE	Yes	Journal status	2
STATUS Input/output valid values	ENABLED, DISABLED						
STATUS Output valid values	FAILED						
STREAMNAME	CHAR	INQ	26	DIFF	No	MVS log stream name	4
TYPE	CVDAS	INQ	4	LIKE	No	Log stream type	3
TYPE Output valid values	MVS, SMF, DUMMY						

JRNMDEF Resource Table

A CICS Definition that describes a journal model, which is the association between a CICS journal name and the MVS system log streams or the SMF log.

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

The following actions are supported:

INSTALL

Install a Journal Model Definition.

The parameter data for the INSTALL action is described in "Parameters for installing CICS definitions 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 572. 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 573. JRNMDEF FEEDBACK error codes

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

41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_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 access error			

Table 574. JRNMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	17
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	19
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	18
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				11
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	21
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		16
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				15
JOURNALNAME	CHAR	CPSM	8	No	DIFF	No	Journal name				8
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
STREAMNAME	CHAR	CPSM	26	No	DIFF	No	MVS log stream name				10
STREAMTYPE	CVDAS	CPSM	4	Yes	LIKE	No	Log stream type	MVS			9
STREAMTYPE Input/output valid values	MVS, SMF, DUMMY										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				12

Table 574. JRNMDEF 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				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 575. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 576. JVM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
AGE	BINARY	INQ	4	AVG	No	Number of seconds since the pooled JVM was initialised	3
ALLOCAGE	BINARY	INQ	4	AVG	No	Number of seconds pooled JVM has been allocated to task	6
CLASSCACHEST	CVDAS	INQ	4	LIKE	No	Class cache status	7
CLASSCACHEST Output valid values	CLASSCACHE, NOCLASSCACHE						

Table 576. JVM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EXECKEY	CVDAS	INQ	4	LIKE	No	Execution key of the pooled JVM	4
EXECKEY Output valid values	CICSEXECKEY, USEREXECKEY						
`NAME-1`	BINARY	INQ	4	MAX	Yes	Java Virtual Machine	1
PHASINGOUTST	CVDAS	INQ	4	LIKE	No	Phasing out status	8
PHASINGOUTST Output valid values	PHASEOUT, NOPHASEOUT						
PROFILE	CHAR	INQ	8	DIFF	No	Profile used to initialise the pooled JVM	2
REUSEST	CVDAS	INQ	4	LIKE	No	JVM reuse status	9
REUSEST Output valid values	REUSE, NOREUSE, RESET						
TASK	DECIMAL	INQ	4	AVG	No	Task to which the pooled JVM is allocated	5

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 577. 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)	Yes
		JVMCOUNT(value)	Yes
		JVMPROFILE(value)	Yes

Table 578. JVMPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
JVMLVL0TRACE	CHAR	INQ	240	DIFF	Yes	JVM LVL0 Trace control		15
JVMLVL1TRACE	CHAR	INQ	240	DIFF	Yes	JVM LVL1 Trace control		16
JVMLVL2TRACE	CHAR	INQ	240	DIFF	Yes	JVM LVL2 Trace control		17
JVMUSERTRACE	CHAR	INQ	240	DIFF	Yes	JVM USER Trace control		18
PHASINGOUT	BINARY	INQ	4	AVG	No	Number of Java virtual machines (JVM) for removal		1
PROFILEDIR	CHAR	INQ	240	DIFF	No	JVM profile directory	E640 E650	23
SJGCURRCACHE	BINARY	STAT	4	AVG	No	Current pooled (class cache) JVMs		19
SJGCURRJVMS	BINARY	STAT	4	AVG	No	Number of current JVMs		8
SJGPEAKCACHE	BINARY	STAT	4	AVG	No	Peak pooled (class cache) JVMs		20
SJGPEAKJVMS	BINARY	STAT	4	AVG	No	Peak number of JVMs		9
SJGREQSCACHE	BINARY	STAT	4	AVG	No	JVM requests - class cache		21
SJGREQSINIT	BINARY	STAT	4	AVG	No	Number of JVM requests with JVM initialised		12
SJGREQSMISMA	BINARY	STAT	4	AVG	No	Number of JVM requests with JVM mismatch		13

Table 578. JVMPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SJGREQSRESET	BINARY	STAT	4	AVG	No	Number of JVM requests with JVM reset	E650PLUS	22
SJGREQSREUSE	BINARY	STAT	4	AVG	No	Number of JVM requests with JVM reuse		11
SJGREQSTERMI	BINARY	STAT	4	AVG	No	Number of JVM requests with JVM terminated		14
SJGREQSTOTAL	BINARY	STAT	4	AVG	No	Total number of JVM program requests		10
STATUS	CVDAS	INQ	4	LIKE	Yes	Status of Java virtual machine (JVM) pool		2
STATUS Input/output valid values	ENABLED, DISABLED							
TOTAL	BINARY	INQ	4	AVG	No	Number of pre-initialized Java virtual machines		3

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 579. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 580. 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	E650PLUS	17
CLASSCACHEST	CVDAS	INQ	4	LIKE	No	Class cache status		4
CLASSCACHEST Output valid values	CLASSCACHE, NOCLASSCACHE							
CLEHEAPHWM	BINARY	STAT	4	AVG	No	Peak Language Environment heap used (CICS key)		23
CMISMAVICTIM	BINARY	STAT	4	AVG	No	Number of times CICS key mismatch victim		21
CMISMSTEALER	BINARY	STAT	4	AVG	No	Number of times CICS key mismatch stealer		19
CNEWJVMSCRT	BINARY	STAT	4	AVG	No	New CICS key JVMs created		15
CPEAKPROFUSE	BINARY	STAT	4	AVG	No	Peak JVM profile CICS key use count		13
CPROFILEREQS	BINARY	STAT	4	AVG	No	JVM profile CICS key request count		9
CPROFXMXVALU	CHAR	STAT	8	DIFF	No	JVM profile CICS -Xmx value		29
HFSNAME	CHAR	INQ	255	DIFF	No	Full path name of the HFS file		2
NAME-1	CHAR	INQ	8	DIFF	Yes	Name as used in a program definition		1
REUSEST	CVDAS	INQ	4	LIKE	No	JVM reuse status		5
REUSEST Output valid values	REUSE, NOREUSE, RESET							
UCURPROFUSE	BINARY	STAT	4	AVG	No	Current JVM profile USER key use count		12
UJVMDESTRSOS	BINARY	STAT	4	AVG	No	Times JVMs USER key destroyed by 'SOS' action		28
UJVMHEAPHWM	BINARY	STAT	4	AVG	No	Heap peak for user key JVMs		26
UJVMSUNRESET	BINARY	STAT	4	AVG	No	Number of USER key JVMs not resettable	E650PLUS	18
ULEHEAPHWM	BINARY	STAT	4	AVG	No	Peak Language Environment heap used (USER key)		24
UMISMAVICTIM	BINARY	STAT	4	AVG	No	Number of times USER key mismatch victim		22
UMISMSTEALER	BINARY	STAT	4	AVG	No	Number of times USER key mismatch stealer		20

Table 580. JVMPROF resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
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

JVMSERV Resource Table

A CICS resource that provides information about an installed JVM server.

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

The following actions are supported:

DISABLE
> Disable the JVMSERVER resource to stop the JVM server runtime environment.

DISCARD
> Discard the JVMSERVER resource definition. The resource must be disabled.

ENABLE
> Enable the JVMSERVER resource to start the JVM server runtime environment.

SET   Set a CICS system attribute according to the new value you specify in an overtype field.

External resource name
> CICSJVMServer

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
> EYUt0194

Table 581. 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)	No
	DISCARD	None	N/A

Table 582. JVMSERV resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0		12
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent			5
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, 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
CURRENTHEAP	BINARY	INQ	8	MAX	No	Current Heap size		E640 E650 E660	24
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								
GCPOLICY	CHAR	INQ	32	MIN	No	The garbage collection policy		E640 E650 E660	25
INITHEAP	BINARY	INQ	8	MIN	No	Initial Heap size		E640 E650 E660	26
INSTALLAGENT	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

Table 582. JVMSERV resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
MAXHEAP	BINARY	INQ	8	MAX	No	Maximum Heap size		E640 E650 E660	27
`NAME-1`	CHAR	INQ	8	DIFF	Yes	JVM server name			1
OCCUPANCY	BINARY	INQ	8	MAX	No	Heap occupancy		E640 E650 E660	28
PEAKHEAP	BINARY	STAT	8	MAX	No	Peak Heap size		E640 E650 E660	37
PID	BINARY	INQ	4	MIN	No	JVM process id		E640 E650 E660	29
SRVCRTTMEGMT	DATETIME	STAT	8	MIN	No	JVM creation time (GMT)		E640 E650 E660	35
SRVCRTTMELCL	DATETIME	STAT	8	MIN	No	JVM creation time (Local time)		E640 E650 E660	36
SRVGCMJRCNT	BINARY	STAT	4	MAX	No	Number of major garbage collection events		E640 E650 E660	38
SRVGCMJRCPU	BINARY	STAT	8	MAX	No	Total CPU used by major garbage collection		E640 E650 E660	39
SRVGCMJRFRD	BINARY	STAT	8	MAX	No	Heap freed by major garbage collection		E640 E650 E660	40
SRVGCMNRCNT	BINARY	STAT	4	MAX	No	Number of minor garbage collection events		E640 E650 E660	41
SRVGCMNRCPU	BINARY	STAT	8	MAX	No	Total CPU used by minor garbage collection		E640 E650 E660	42
SRVGCMNRFRD	BINARY	STAT	8	MAX	No	Heap freed by minor garbage collection		E640 E650 E660	43
SRVSYSTHCNT	BINARY	STAT	4	MAX	No	JVM server system thread use count		E640 E650 E660	30
SRVSYSTHDWT	BINARY	STAT	4	MAX	No	Number of system thread waits		E640 E650 E660	31
SRVSYSTHNWT	BINARY	STAT	4	MAX	No	Number of tasks waiting for a system thread		E640 E650 E660	33
SRVSYSTHPWT	BINARY	STAT	4	MAX	No	Peak number of waiting system threads		E640 E650 E660	34
SRVSYSTHWTT	BINARY	STAT	4	MAX	No	Total system thread waiting time		E640 E650 E660	32
SRVTHRCURR	BINARY	STAT	4	AVG	No	Current number of threads			18
SRVTHRHWM	BINARY	STAT	4	AVG	No	Peak number of threads			19

Table 582. JVMSERV resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
SRVTHRWAITS	BINARY	STAT	4	AVG	No	Number of thread waits			20
SRVTHRWCURR	BINARY	STAT	4	AVG	No	Current number of waiting threads			22
SRVTHRWHWM	BINARY	STAT	4	AVG	No	Peak number of waiting threads			23
SRVTHRWTIME	BINARY	STAT	8	AVG	No	Total thread waiting time			21
SRVUSECOUNT	BINARY	STAT	4	SUM	No	JVM server use count			17
THREADLIMIT	BINARY	INQ	4	AVG	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 following actions are supported.

CREATE
Create a JVMSERVER resource that represents the JVM server in CICS.

INSTALL
Install a JVMSERVER resource so that the JVM server is available in CICS.

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

External resource name
CICSDefinitionJVMServer

Length
168

Usage   API or Batch Utility or 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 583. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 583. 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 584. 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	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute

Table 584. JVMSVDEF FEEDBACK error codes (continued)

47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_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 access error			

Table 585. JVMSVDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	4
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	7
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	6
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				5
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	22
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		21
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				20
JVMPROFILE	CHAR	CPSM	8	Yes	DIFF	No	JVM profile name				16
LERUNOPTS	CHAR	CPSM	8	No	DIFF	No	LE runtime options program	DFHAXRO			18
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				12
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Enabled Status	ENABLED			17
STATUS Input/output valid values	ENABLED, DISABLED										
THREADLIMIT	CHAR	CPSM	3	No	DIFF	No	Maximum number of threads	15	1-256		19
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				13
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				14
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				15

LIBDEF Resource Table

A CICS definition that describes a dynamic LIBRARY

The **Primary** key fields for this resource class are NAME.

The following actions are supported:

ADDTOGRP
Add the LIBRARY to the resource group.

CREATE
Create a LIBRARY definition and add it to the data repository.

GET Get the LIBRARY definition.

INSTALL
Install a LIBRARY definition in an active system.

REMOVE
Remove a LIBRARY definition from the data repository.

UPDATE
Update a LIBRARY definition and add it to the data repository.

External resource name
CICSDefinitionLIBRARY

Length
856

Usage API or Batch Utility or 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 586. 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

Table 586. Valid CPSM operations (continued)

	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 587. LIBDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_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

Table 587. LIBDEF 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 access error			

Table 588. LIBDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	33
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	35
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	34
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				27
CRITICAL	EYUDA	CPSM	4	Yes	LIKE	No	Critical status	NO			8
CRITICAL Input/output valid values	YES, NO										
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	37
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		32
DESCRIPTION	CHAR	CPSM	58	Req	DIFF	No	Description				31
DSNAME01	CHAR	CPSM	44	No	DIFF	No	Data set name 01				11
DSNAME02	CHAR	CPSM	44	No	DIFF	No	Data set name 02				12
DSNAME03	CHAR	CPSM	44	No	DIFF	No	Data set name 03				13
DSNAME04	CHAR	CPSM	44	No	DIFF	No	Data set name 04				14
DSNAME05	CHAR	CPSM	44	No	DIFF	No	Data set name 05				15
DSNAME06	CHAR	CPSM	44	No	DIFF	No	Data set name 06				16
DSNAME07	CHAR	CPSM	44	No	DIFF	No	Data set name 07				17
DSNAME08	CHAR	CPSM	44	No	DIFF	No	Data set name 08				18
DSNAME09	CHAR	CPSM	44	No	DIFF	No	Data set name 09				19
DSNAME10	CHAR	CPSM	44	No	DIFF	No	Data set name 10				20
DSNAME11	CHAR	CPSM	44	No	DIFF	No	Data set name 11				21
DSNAME12	CHAR	CPSM	44	No	DIFF	No	Data set name 12				22
DSNAME13	CHAR	CPSM	44	No	DIFF	No	Data set name 13				23
DSNAME14	CHAR	CPSM	44	No	DIFF	No	Data set name 14				24
DSNAME15	CHAR	CPSM	44	No	DIFF	No	Data set name 15				25
DSNAME16	CHAR	CPSM	44	No	DIFF	No	Data set name 16				26
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
RANKING	CHAR	CPSM	2	Yes	MIN	No	Ranking	50	1-99		10
STATUS	EYUDA	CPSM	4	Yes	LIKE	No	Enabled status	ENABLED			9

Table 588. LIBDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
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 589. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 590. 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

Table 590. LIBDSN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
DSNSEARCHPOS	CNUMERIC	CPSM	8	MAX	Yes	Data set search enumerator	6
`DSNUM-2`	BINARY	INQ	4	MAX	Yes	LIBRARY data set number	2
`LIBRARY-1`	CHAR	INQ	8	DIFF	Yes	LIBRARY name	1
SEARCHPOS	BINARY	INQ	4	MAX	Yes	Search position	7

LIBINGRP Resource Table

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

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

The following actions are supported:

GET   Get the name of the LIBRARY.

CREATE
        Create an association between a LIBRARY definition and a resource group.

REMOVE
        Remove an association between a LIBRARY definition and a resource group, from the data repository

External resource name

Length
        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
        EYUt6182

Table 591. Valid CPSM operations

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

Table 592. LIBINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description

Table 592. LIBINGRP 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 593. LIBINGRP resource table attributes

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

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 594. 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 595. 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 595. LIBRARY resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enable status			4
ENABLESTATUS Input/output valid values	DISABLED, ENABLED								
ENABLESTATUS Output valid values	DISABLING, ENABLING, DISCARDING								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	16
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, SYSTEM, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	15
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	14
`NAME-1`	CHAR	INQ	8	DIFF	Yes	LIBRARY name			1
NUMDSNAMES	BINARY	INQ	4	SUM	Yes	Number of DSNAMEs			5
PGMLOADCNT	BINARY	STAT	4	SUM	Yes	Program load count			7
RANKING	BINARY	INQ	4	MIN	Yes	Ranking			2
SEARCHPOS	BINARY	INQ	4	MAX	Yes	Search position			6

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
  CICSMonitorSpecificationsToSystemGroup

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
EYUt5633

Table 596. 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 597. 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 598. LNKSMSCG resource table attributes

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

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
> CICSMonitorSpecificationsToSystem

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
> EYUt5634

Table 599. 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 600. LNKSMSCS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Association already exists
6	SPEC_NOT_FOUND	Specification name not found	7	UNK_OLDSPEC	Unknown old specification name
8	UNK_NEWSPEC	Unknown new specification name	9	UNK_SPECNAME	Specification name does not exist

Table 600. LNKSMSCS FEEDBACK error codes (continued)

10	INV_OLDSPEC	Invalid old specification name	11	INV_NEWSPEC	Invalid new specification name
12	MISSING_QUE	Missing queue			

Table 601. 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								
`SPEC-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Monitor specification		5
`SYSTEM-2`	CHAR	CPSM	8	Yes	DIFF	Yes	CICS system		6

LNKSRSCG Resource Table

A CPSM Topology Definition that describes the link between a CICS system group and an analysis specification (RTASPEC). LNKSRSCG objects are used to generate multiple implicit linkages of CICS systems that are members of the named system group to an RTASPEC.

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

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

External resource name
> 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 602. 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 603. LNKSRSCG 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 604. LNKSRSCG resource table attributes

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

LNKSRSCS Resource Table

A CPSM Topology Definition that describes the link between a CICS system and an analysis specification (RTASPEC). LNKSRSCS objects can be created via an explicit reference to a CICS system or implicitly via a LNKSRSCG object.

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

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
> 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 605. 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 606. LNKSRSCS 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 607. LNKSRSCS 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								
`SPEC-1`	CHAR	CPSM	8	Yes	DIFF	Yes	RTA specification		5
`SYSTEM-2`	CHAR	CPSM	8	Yes	DIFF	Yes	CICS system		6

LNKSWSCG Resource Table

A CPSM Topology Definition that describes the link between a CICS system group and a workload specification (WLMSPEC). LNKSWSCG objects are used to generate multiple implicit linkages of CICS systems that are members of the named system group to a WLMSPEC. Only CICS systems that are to act as terminal owning regions (TORs) should be linked to a WLMSPEC.

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

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

External resource name
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 608. 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 609. LNKSWSCG FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Association already exists
6	SPEC_NOT_FOUND	Specification name not found	7	UNK_OLDSPEC	Unknown old specification name
8	UNK_NEWSPEC	Unknown new specification name	9	UNK_SPECNAME	Specification name does not exist
10	INV_OLDSPEC	Invalid old specification name	11	INV_NEWSPEC	Invalid new specification name
12	MISSING_QUE	Missing queue			

Table 610. LNKSWSCG resource table attributes

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

LNKSWSCS Resource Table

A CPSM Topology Definition that describes the link between a CICS system and a workload specification (WLMSPEC). LNKSWSCS objects can be created via an explicit reference to a CICS system or implicitly via a LNKSWSCG object. Only CICS systems that are to act as terminal owning regions (TORs) should be linked to a WLMSPEC.

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

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

For information about LNKSxSCS 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 611. 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 612. LNKSWSCS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Association already exists
6	SPEC_NOT_FOUND	Specification name not found	7	UNK_OLDSPEC	Unknown old specification name

Table 612. LNKSWSCS FEEDBACK error codes (continued)

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 613. LNKSWSCS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent		9
CHANGEAGENT Input/output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release		12
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification		1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID		11
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created		10
GROUP	CHAR	CPSM	8	No	DIFF	No	System group WLM specification was inherited from		8
LINK	EYUDA	CPSM	4	No	LIKE	No	Creation mode	EXPLICIT	7
LINK Input/output valid values	INHERIT, EXPLICIT								
`SPEC-1`	CHAR	CPSM	8	Yes	DIFF	Yes	WLM specification		5
`SYSTEM-2`	CHAR	CPSM	8	Yes	DIFF	Yes	CICS system		6

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 614. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 615. LOADACT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ALOADTIME	INT16US	CPSM	4	AVG	No	Average program load time	21
ALOADWAIT	INT16US	CPSM	4	AVG	No	Average waiting time for program loads	24
ANIUQDSA	INTTSTP	CPSM	8	AVG	No	Average age on DSA Not-In-Use (NIU) queue	30
LDGDPSCR	BINARY	STAT	4	AVG	No	Number of programs removed from DSA by compression	18
LDGDPSCT	INTTSTP	STAT	8	AVG	No	Total time for DSA programs on Not-In-Use queue	20
LDGDREBS	BINARY	STAT	4	AVG	No	Number of successful load retries	13
`LDGDSAINDEX-1`	CHAR	CPSM	8	DIFF	Yes	DSA index	5
LDGHWMT	BINARY	STAT	4	AVG	No	Number of times loader waiting requests peaked	11
LDGLLR	BINARY	STAT	4	AVG	No	Number of library load requests	6
LDGLLT	INT16US	STAT	4	AVG	No	Total time taken for all program loads	7
LDGPROGNIU	BINARY	STAT	4	AVG	No	Number of programs on Not-In-Use (NIU) queue	16
LDGPUSES	BINARY	STAT	4	AVG	No	Number of program uses	8
LDGRECNIU	BINARY	STAT	4	AVG	No	Number of DSA reclaims from Not-In-Use (NIU) queue	17
LDGSTGNIU	BINARY	STAT	4	AVG	No	Size of DSA occupied by Not-In-Use (NIU) programs	15
LDGTTW	INT16US	STAT	4	AVG	No	Total time spent waiting for loader	12
LDGWLR	BINARY	STAT	4	AVG	No	Number of loader requests waiting	9
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

Table 615. LOADACT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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 616. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 617. 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

Table 617. LOADER resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
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
ANIUQECDSA	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
LDGDPSCRR	BINARY	STAT	4	AVG	Number of RDSA programs removed by compression		38
LDGDPSCRS	BINARY	STAT	4	AVG	Number of SDSA programs removed by compression		28
LDGDPSCTC	INTTSTP	STAT	8	AVG	Total time for CDSA programs on Not-In-Use queue		19
LDGDPSCTEC	INTTSTP	STAT	8	AVG	Total time for ECDSA programs on Not-In-Use queue		24
LDGDPSCTER	INTTSTP	STAT	8	AVG	Total time for ERDSA programs on Not-In-Use queue		44
LDGDPSCTES	INTTSTP	STAT	8	AVG	Total time for ESDSA programs on Not-In-Use queue		34
LDGDPSCTR	INTTSTP	STAT	8	AVG	Total time for RDSA programs on Not-In-Use queue		39
LDGDPSCTS	INTTSTP	STAT	8	AVG	Total time for SDSA programs on Not-In-Use queue		29
LDGDREBS	BINARY	STAT	4	AVG	Number of successful load retries		12
LDGHWMT	BINARY	STAT	4	AVG	Number of times waiting loader requests peaked		10
LDGLBSOU	BINARY	STAT	4	AVG	LIBRARY search order updates	E640	84
LDGLLR	BINARY	STAT	4	AVG	Number of LIBRARY load requests		5
LDGLLT	INT16US	STAT	4	AVG	Total time for all loads		6

Table 617. LOADER resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
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

Table 617. LOADER resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
PECDSANIU	PERCENT3	CPSM	4	AVG	Percentage of ECDSA held by Not-In-Use programs		55
PERDSANIU	PERCENT3	CPSM	4	AVG	Percentage of ERDSA held by Not-In-Use programs		67
PESDSANIU	PERCENT3	CPSM	4	AVG	Percentage of ESDSA held by Not-In-Use programs		61
PLOADWAIT	PERCENT3	CPSM	4	AVG	Percentage of waits to program uses		49
PRDSANIU	PERCENT3	CPSM	4	AVG	Percentage of RDSA held by Not-In-Use programs		64
PSDSANIU	PERCENT3	CPSM	4	AVG	Percentage of SDSA held by Not-In-Use programs		58
PSTGNIUC	PERCENT3	CPSM	4	AVG	Percentage Not-In-Use of DSAs below 16MB in CDSA		53
PSTGNIUEC	PERCENT3	CPSM	4	AVG	Percent Not-In-Use of DSAs above 16MB in ECDSA		56
PSTGNIUER	PERCENT3	CPSM	4	AVG	Percentage Not-In-Use of DSAs above 16MB in ERDSA		68
PSTGNIUES	PERCENT3	CPSM	4	AVG	Percent Not-In-Use of DSAs above 16MB in ESDSA		62
PSTGNIUR	PERCENT3	CPSM	4	AVG	Percentage Not-In-Use of DSAs below 16MB in RDSA		65
PSTGNIUS	PERCENT3	CPSM	4	AVG	Percentage Not-In-Use of DSAs below 16MB in SDSA		59
TLOADWAIT	BINARY	CPSM	4	AVG	Total waiting time for program loads		46

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 618. 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 619. 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								

Table 619. LOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
ADD	CVDAS	INQ	4	LIKE	Yes	Add option			3
ADD Input/output valid values	ADDABLE, NOTADDABLE								
ADDCNT	BINARY	STAT	4	AVG	No	Number of WRITE requests			33
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	64
BASEDSNAME	CHAR	INQ	44	DIFF	No	Base data set name			4
BLOCKFORMAT	CVDAS	INQ	4	LIKE	No	Block format (BDAM only)			5
BLOCKFORMAT Output valid values	BLOCKED, UNBLOCKED								
BLOCKKEYLN	CNUMERIC	INQ	4	MAX	No	Block key length (BDAM only)			6
BLOCKSIZE	CNUMERIC	INQ	4	MAX	No	Block size (BDAM only)			7
BROWSE	CVDAS	INQ	4	LIKE	Yes	Browse option			8
BROWSE Input/output valid values	BROWSABLE, NOTBROWSABLE								
BROWSECNT	BINARY	STAT	4	AVG	No	The number of READNEXT and READPREV requests			32
BROWUPDCNT	BINARY	STAT	4	AVG	No	Number of browse for update requests			50
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	56
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, TABLE, SYSTEM, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	57
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	58
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	55
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								
DEXCPCNT	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

Table 619. LOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EMPTYSTATUS Input/output valid values	EMPTYREQ, NOEMPTYREQ								
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enablement status			13
ENABLESTATUS Input/output valid values	ENABLED, DISABLED								
ENABLESTATUS Output valid values	DISABLING, UNENABLED, UNENABLING								
EXCLUSIVE	CVDAS	INQ	4	LIKE	Yes	BDAM exclusive control status			14
EXCLUSIVE Input/output valid values	EXCTL, NOEXCTL, NOTAPPLIC								
`FILE-1`	CHAR	INQ	8	DIFF	Yes	File ID			1
FWDRECSTATUS	CVDAS	INQ	4	LIKE	No	Forward recovery option			15
FWDRECSTATUS Output valid values	FWDRECOVABLE, NOTFWDRCVBLE								
GETCNT	BINARY	STAT	4	AVG	No	Number of READ requests			30
GETUPDCNT	BINARY	STAT	4	AVG	No	Number of READ UPDATE requests			31
GMTFILECLS	TIMESTP	STAT	8	MAX	No	GMT file close time			46
GMTFILEOPN	TIMESTP	STAT	8	MAX	No	GMT file open time			45
IEXCPCNT	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
LOCDELCNT	BINARY	STAT	4	AVG	No	Number of DELETE requests			35
LSRPOOLID	BINARY	INQ	2	MAX	Yes	LSR Pool number			41
NUMACTSTRING	BINARY	STAT	2	AVG	No	Number of active strings			44
NUMDATBUFF	BINARY	STAT	2	AVG	No	Number of data buffers			42
NUMINDEXBUFF	BINARY	STAT	2	AVG	No	Number of index buffers			43
NUMSTRINGWT	BINARY	STAT	2	AVG	No	Current number of string waits			47
OBJECT	CVDAS	INQ	4	LIKE	No	Data set type (base or path)			18

Table 619. LOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
OBJECT Output valid values	BASE, PATH								
OPENSTATUS	CVDAS	INQ	4	LIKE	Yes	Open status			19
OPENSTATUS Input/output valid values	OPEN, CLOSED								
OPENSTATUS Output valid values	OPENING, CLOSING, CLOSEREQUEST								
RBATYPE	CVDAS	INQ	4	LIKE	No	Type of VSAM extended addressing		E640	54
RBATYPE Output valid values	EXTENDED, NOTEXTENDED, NOTAPPLIC								
READ	CVDAS	INQ	4	LIKE	Yes	Read option			20
READ Input/output valid values	READABLE, NOTREADABLE								
READINTEG	CVDAS	INQ	4	LIKE	Yes	Default level of read integrity			51
READINTEG Input/output valid values	UNCOMMITTED, CONSISTENT, REPEATABLE								
READINTEG Output valid values	NOTAPPLIC								
RECORDFORMAT	CVDAS	INQ	4	LIKE	No	Record format			21
RECORDFORMAT Output valid values	FIXED, VARIABLE, UNDEFINED								
RECORDSIZE	BINARY	INQ	4	AVG	No	Record size			22
RECOVSTATUS	CVDAS	INQ	4	LIKE	No	Recovery status			23
RECOVSTATUS Output valid values	RECOVERABLE, NOTRECOVABLE								
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								
RLSREQWTTO	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								

Table 619. LOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
UPDATECNT	BINARY	STAT	4	AVG	No	Number of REWRITE requests			34
VSAMTYPE	CVDAS	INQ	4	LIKE	No	Type of VSAM data set			26
VSAMTYPE Input/output valid values	NOTAPPLIC								
VSAMTYPE Output valid values	ESDS, KSDS, RRDS, VRRDS								
WSTRCCURCNT	BINARY	STAT	2	AVG	No	Peak number of tasks waiting for a string			40
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

Table 620. 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 621. LOCTRAN FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid			

Table 622. 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		E510PLUS	3
DTB Output valid values	WAIT, COMMIT, BACKOUT								
DTIMEOUT	BINARY	INQ	4	AVG	No	Deadlock timeout (seconds)			4

Table 622. LOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
DUMPING	CVDAS	INQ	4	LIKE	Yes	Transaction dump option			5
DUMPING Input/output valid values	TRANDUMP, NOTRANDUMP								
FACILITYLIKE	CHAR	INQ	4	DIFF	No	Model for virtual terminal			44
FORACTINDTO	BINARY	STAT	4	AVG	No	Forced actions - in-doubt timeout value exceeded			39
FORACTNOWT	BINARY	STAT	4	AVG	No	Forced actions - wait not supported for resources			40
FORACTOPER	BINARY	STAT	4	AVG	No	Forced actions - operator cancelled wait			41
FORACTOTHER	BINARY	STAT	4	AVG	No	Forced actions - other reasons			42
FORACTTRNDF	BINARY	STAT	4	AVG	No	Forced actions - in-doubt waiting not supported			38
INDOUBT	CVDAS	INQ	4	LIKE	No	Transaction in-doubt option			35
INDOUBT Output valid values	BACKOUT, COMMIT								
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

Table 622. LOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
PURGEABILITY Input/output valid values	PURGEABLE, NOTPURGEABLE								
REMOTECNT	BINARY	STAT	4	SUM	No	Number of times transaction run remotely by DTR			23
REMOTENAME	CHAR	INQ	8	DIFF	No	Remote transaction name			31
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name			32
REMSTARTCNT	BINARY	STAT	4	SUM	No	Number of attempted starts on remote system			24
RESSEC	CVDAS	INQ	4	LIKE	No	Resource level security status			18
RESSEC Output valid values	RESSECNO, RESSECYES								
RESTARTCNT	BINARY	STAT	4	SUM	No	Number of times transaction restarted			22
ROUTESTATUS	CVDAS	INQ	4	LIKE	No	Route status			46
ROUTESTATUS Output valid values	ROUTABLE, NOTROUTABLE								
ROUTING	CVDAS	INQ	4	LIKE	No	Routing type			21
ROUTING Output valid values	DYNAMIC, STATIC								
RTIMEOUT	BINARY	INQ	4	AVG	No	Read timeout (seconds)			9
RUNAWAY	BINARY	INQ	4	AVG	Yes	Runaway time (milliseconds)			26
RUNAWAYTYPE	CVDAS	INQ	4	LIKE	Yes	Source of runaway timeout value			27
RUNAWAYTYPE Input/output valid values	SYSTEM, USER								
SCRNSIZE	CVDAS	INQ	4	LIKE	No	Screen size			10
SCRNSIZE Output valid values	DEFAULT, ALTERNATE								
SHUTDOWN	CVDAS	INQ	4	LIKE	Yes	Shutdown run status			28
SHUTDOWN Input/output valid values	SHUTDISABLED, SHUTENABLED								
STATUS	CVDAS	INQ	4	LIKE	Yes	Enabled status			11
STATUS Input/output valid values	ENABLED, DISABLED								
STGVCNT	BINARY	STAT	4	SUM	No	Number of storage violations			16
STORAGECLEAR	CVDAS	INQ	4	LIKE	No	Storage clearance status			29
STORAGECLEAR Output valid values	CLEAR, NOCLEAR								
TASKDATAKEY	CVDAS	INQ	4	LIKE	No	Task data key			20
TASKDATAKEY Output valid values	CICSDATAKEY, USERDATAKEY								
TASKDATALOC	CVDAS	INQ	4	LIKE	No	Task data location			19

Table 622. LOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
TASKDATALOC Output valid values	BELOW, ANY								
TRACING	CVDAS	INQ	4	LIKE	Yes	Tracing type			12
TRACING Input/output valid values	SPECTRACE, STANTRACE, SPRSTRACE								
TRANCLASS	CHAR	INQ	8	DIFF	Yes	Transaction class name			30
`TRANID-1`	CHAR	INQ	4	DIFF	Yes	Transaction ID			1
TRPROF	CHAR	INQ	8	DIFF	No	Transaction routing profile			33
TWASIZE	BINARY	INQ	4	AVG	No	Size in bytes of transaction work area (TWA)			13
USECOUNT	BINARY	STAT	4	SUM	No	Number of times transaction used			14

LSRDEF Resource Table

A CICS Definition that describes a local shared resource (LSR) pool for use by CICS files.

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

The following actions are supported:

INSTALL
> Install an LSR Pool Definition.
>
> The parameter data for the INSTALL action is described in "Parameters for installing CICS definitions 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 623. 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 624. LSRDEF FEEDBACK error codes

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

Table 624. LSRDEF FEEDBACK error codes (continued)

47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_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 access error			

Table 625. LSRDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	56
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	58
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	57
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				50
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	60
DATA12K	CHAR	CPSM	8	No	DIFF	No	Number of 12 KB data buffers		3-32767		17
DATA16K	CHAR	CPSM	8	No	DIFF	No	Number of 16 KB data buffers		3-32767		18
DATA1K	CHAR	CPSM	8	No	DIFF	No	Number of 1 KB data buffers		3-32767		13
DATA20K	CHAR	CPSM	8	No	DIFF	No	Number of 20 KB data buffers		3-32767		19
DATA24K	CHAR	CPSM	8	No	DIFF	No	Number of 24 KB data buffers		3-32767		20
DATA28K	CHAR	CPSM	8	No	DIFF	No	Number of 28 KB data buffers		3-32767		21
DATA2K	CHAR	CPSM	8	No	DIFF	No	Number of 2 KB data buffers		3-32767		14
DATA32K	CHAR	CPSM	8	No	DIFF	No	Number of 32 KB data buffers		3-32767		22
DATA4K	CHAR	CPSM	8	No	DIFF	No	Number of 4 KB data buffers		3-32767		15

Table 625. LSRDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
DATA512	CHAR	CPSM	8	No	DIFF	No	Number of 512-byte data buffers		3-32767		12
DATA8K	CHAR	CPSM	8	No	DIFF	No	Number of 8 KB data buffers		3-32767		16
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		55
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				54
HSDATA12K	CHAR	CPSM	8	No	DIFF	No	Number of 12 KB Hiperspace data buffers		0-16777215		36
HSDATA16K	CHAR	CPSM	8	No	DIFF	No	Number of 16 KB Hiperspace data buffers		0-16777215		37
HSDATA20K	CHAR	CPSM	8	No	DIFF	No	Number of 20 KB Hiperspace data buffers		0-16777215		38
HSDATA24K	CHAR	CPSM	8	No	DIFF	No	Number of 24 KB Hiperspace data buffers		0-16777215		39
HSDATA28K	CHAR	CPSM	8	No	DIFF	No	Number of 28 KB Hiperspace data buffers		0-16777215		40
HSDATA32K	CHAR	CPSM	8	No	DIFF	No	Number of 32 KB Hiperspace data buffers		0-16777215		41
HSDATA4K	CHAR	CPSM	8	No	DIFF	No	Number of 4 KB Hiperspace data buffers		0-16777215		34
HSDATA8K	CHAR	CPSM	8	No	DIFF	No	Number of 8 KB Hiperspace data buffers		0-16777215		35
HSINDEX12K	CHAR	CPSM	8	No	DIFF	No	Number of 12 KB Hiperspace index buffers		0-16777215		44
HSINDEX16K	CHAR	CPSM	8	No	DIFF	No	Number of 16 KB Hiperspace index buffers		0-16777215		45
HSINDEX20K	CHAR	CPSM	8	No	DIFF	No	Number of 20 KB Hiperspace index buffers		0-16777215		46
HSINDEX24K	CHAR	CPSM	8	No	DIFF	No	Number of 24 KB Hiperspace index buffers		0-16777215		47
HSINDEX28K	CHAR	CPSM	8	No	DIFF	No	Number of 28 KB Hiperspace index buffers		0-16777215		48
HSINDEX32K	CHAR	CPSM	8	No	DIFF	No	Number of 32 KB Hiperspace index buffers		0-16777215		49
HSINDEX4K	CHAR	CPSM	8	No	DIFF	No	Number of 4 KB Hiperspace index buffers		0-16777215		42

Table 625. LSRDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
HSINDEX8K	CHAR	CPSM	8	No	DIFF	No	Number of 8 KB Hiperspace index buffers		0-16777215		43
INDEX12K	CHAR	CPSM	8	No	DIFF	No	Number of 12 KB index buffers		3-32767		28
INDEX16K	CHAR	CPSM	8	No	DIFF	No	Number of 16 KB index buffers		3-32767		29
INDEX1K	CHAR	CPSM	8	No	DIFF	No	Number of 1 KB index buffers		3-32767		24
INDEX20K	CHAR	CPSM	8	No	DIFF	No	Number of 20 KB index buffers		3-32767		30
INDEX24K	CHAR	CPSM	8	No	DIFF	No	Number of 24 KB index buffers		3-32767		31
INDEX28K	CHAR	CPSM	8	No	DIFF	No	Number of 28 KB index buffers		3-32767		32
INDEX2K	CHAR	CPSM	8	No	DIFF	No	Number of 2 KB index buffers		3-32767		25
INDEX32K	CHAR	CPSM	8	No	DIFF	No	Number of 32 KB index buffers		3-32767		33
INDEX4K	CHAR	CPSM	8	No	DIFF	No	Number of 4 KB index buffers		3-32767		26
INDEX512	CHAR	CPSM	8	No	DIFF	No	Number of 512-byte index buffers		3-32767		23
INDEX8K	CHAR	CPSM	8	No	DIFF	No	Number of 8 KB index buffers		3-32767		27
LSRPOOLID	CHAR	CPSM	4	No	DIFF	No	LSR Pool number	1	1-255		8
MAXKEYLENGTH	CHAR	CPSM	4	No	DIFF	No	Maximum key length		0-255		9
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
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 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
> EYUt6149

Table 626. Valid CPSM operations

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

Table 627. 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 628. LSRINGRP resource table attributes

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

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
>   EYUt0036

Table 629. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 630. 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

Table 630. LSRPBUF resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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
`POOLSIZETYPE-1`	CHAR	STAT	9	DIFF	Yes	Pool number, 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
> CICSLSRPool

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
> EYUt0035

Table 631. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 632. 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
`LSRPOOLID-1`	BINARY	STAT	2	MAX	Yes	LSR pool number	28
MAXCCURSTR	BINARY	STAT	2	AVG	No	Peak number of concurrent active strings	6
MAXKEYLEN	BINARY	STAT	2	AVG	No	Maximum key length	3

Table 632. LSRPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
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

Appendix. Resource table summary

A summary of the resource tables that CICSPlex SM provides by functional area.

CICS definition tables

Table 633. Summary of CICS definition resource tables

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

CICS monitored tables

Table 634. Summary of CICS monitored resource tables

MCICSDSA	MJRNLNAM	MREMFILE
MCICSRGN	MLOCFILE	MREMTDQ
MCMDT	MLOCTRAN	MREMTRAN
MCONNECT	MLSRPBUF	MTDQGBL
MDB2THRD	MLSRPOOL	MTERMNL
MFEPICON	MMODNAME	MTRANCLS
MINDTDQ	MNTRATDQ	MTSQGBL
MJOURNL	MPROGRAM	MXTRATDQ

CICS resource tables

Table 635. Summary of CICS operations resource tables

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

CICSPlex SM definition tables

Table 636. 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

CICSPlex SM configuration definition

Table 637. Summary of CICSPlex SM configuration definition resource tables

CMTCMDEF	CPLXCMAS
CMTPMDEF	CPLEXDEF

CICSPlex SM management

Table 638. Summary of CICSPlex SM manager resource tables

APACTV	CRESFEND	CRESTRUE
BATCHREP	CRESFEPO	CRESTSMD
CICSPLEX	CRESFETR	CRESURIM
CMAS	CRESFILE	CRESWEBS
CMASLIST	CRESGLUE	CRESXMLT
CMASPLEX	CRESIPCN	EVENT
CMTCMLNK	CRESJRNL	EVENTDTL
CMTPMLNK	CRESJRNM	MAS
CRESAIMD	CRESJVMS	POLMON
CRESATOM	CRESLIBR	RASPROC
CRESBUND	CRESMODE	RDSCPROC
CRESCONN	CRESOSGB	RTAACTV
CRESDB2C	CRESOSGS	SYSRES
CRESDB2E	CRESPART	TOPOBJ (IBM internal use only)
CRESDB2T	CRESPIPE	TREEDATA (IBM internal use only)
CRESDOCT	CRESPRGM	TREEHEAD (IBM internal use only)
CRESDSNM	CRESPROF	WLMATAFF
CRESENQM	CRESPRTY	WLMATARG
CRESEPAD	CRESRQMD	WLMATGRP
CRESEVBD	CRESSDMP	WLMATRAN
CRESEVCS	CRESTCPS	WLMAWAOR
CRESEVSD	CRESTDMP	WLMAWDEF
CRESEVSI	CRESTDQ	WLMAWORK
CRESEVSO	CRESTERM	WLMAWTOR
CRESFECO	CRESTRAN	

CICSPlex SM metadata

Table 639. Summary of CICSPlex SM metadata resource tables

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

CICSPlex SM notification

Table 640. Summary of CICSPlex SM notification resource tables

EACTNTFN	ERMCDB2C	ERMCPART
ECSYSCHG	ERMCDB2E	ERMCPIPE
EDEFCHG	ERMCDB2T	ERMCPRGM
ELSIGNAL	ERMCDOCT	ERMCPROF
EMASJOIN	ERMCDSNM	ERMCPRTY
EMASSICK	ERMCENQM	ERMCRQMD
EMASSTOP	ERMCEPAD	ERMCSDMP
EMASSTRT	ERMCEVBD	ERMCTCPS
EMASWELL	ERMCEVCS	ERMCTDMP
EMCICS	ERMCEVSD	ERMCTDQ
EMCONN	ERMCEVSI	ERMCTERM
EMDBX	ERMCEVSO	ERMCTRAN
EMFILE	ERMCFECO	ERMCTRUE
EMGLBL	ERMCFEND	ERMCTSMD
EMJRNL	ERMCFEPO	ERMCURIM
EMPROG	ERMCFETR	ERMCWEBS
EMSTATUS	ERMCFILE	ERMCXMLT
EMTDQS	ERMCGLUE	ERMMCONN
EMTERM	ERMCIPCN	ERMMFILE
EMTRAN	ERMCJRNL	ERMMJRNL
EPLEXCHG	ERMCJRNM	ERMMPRGM
ERESSTAT	ERMCJVMS	ERMMTDQ
ERMCAIMD	ERMCLIBR	ERMMTERM
ERMCATOM	ERMCMODE	ERMMTRAN
ERMCBUND	ERMCOSGB	ESGRPCHG
ERMCCONN	ERMCOSGS	

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CICS/ESA 3.3 XRF Guide , SC33-0661

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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CICS Transaction Server for z/OS
Version 4 Release 2
CICSPlex SM Resource Tables Reference Vol 1

Publication No. SC34-7204-01

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