CICS Transaction Server for z/OS
Version 4 Release 2

CICSPlex SM Resource Tables Reference Vol 2

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IBM

Contents

Preface

This manual describes the format and content of CICSPlex® SM resource tables that begin with a letter in the range M to Z. CICSPlex SM resource table descriptions - A to L contains the alphabetic list of resource tables from M to Z. If you want to look up a resource table that begins with a letter in the range A to L, see CICSPlex SM resource tables overview in the CICSPlex SM Resource Tables Reference Vol 1.

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.
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.

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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:
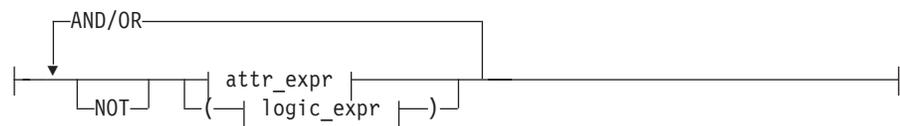
attr_expr:

where:

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

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

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

oper Is one of the following comparison operators:

    <   Less than

    <=   Less than or equal to

    =   Equal to

    >=   Greater than or equal to

    >   Greater than

    ¬=   Not equal to

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

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

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

  ```
  TRANID=PAY*
  ```

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

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

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

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

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

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

AND/OR

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

```
attr_expr AND attr_expr.
```

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

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

has a different meaning than this one:

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

NOT Negates one or more attribute expressions.

You can negate a single attribute expression, like this:

```
NOT attr_expr
```

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

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

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

FORCEINS

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

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

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

MODE

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

Program definitions (PROGDEF)

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

DYNAM

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

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

Transaction definitions (TRANDEF)

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

DYNAM

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

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

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

Transient data queue definitions (TDQDEF)

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

INTRA

Intrapartition TDQ.

EXTRA

Extrapartition TDQ.

IND Indirect TDQ.

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

NOTIFY

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

NO No checking is performed.

INACTIVE

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

RELEASE

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

FULL Perform both INACTIVE and RELEASE checking.

OVERRIDE

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

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

Override Expression

where:

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

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

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

    DESCRIPTION='Payroll.OCT'

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

    DESCRIPTION='October''s Payroll'

OVERTYPE

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

TARGET

Apply the override values to the TARGET scope only.

RELATED

Apply the override values to the RELATED scope only.

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

NONE

Do not apply any override values.

REFASSIGN

(Required when installing a CONNDEF) Identify the resource assignment

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

RELATED

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

RESTYPE

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

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

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

STATECHK

(Optional) Specify YES or NO to indicate whether the existence and operational state of the resource is checked before an EXEC CICS CREATE command is issued. If you specify YES and one or more resources are not in the required state, the **EXEC CICS CREATE COMMAND** is not issued for any of the selected resources. FORCEINS and STATECHK parameters must both be set to YES for the check to be carried out.

TARGET

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

USAGE

(Required except when installing a RESGROUP with the assignment parameter. See "Installing a RESGROUP when ASSIGNMENT is specified" on page 22.) Specify how the resource will be used:

LOCAL

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

REMOTE

The resource definition refers to a resource installed in a different CICS system. If you specify REMOTE, you must also specify a

RELATED value to identify the CICS system that contains a local
instance of the resource. REMOTE is valid only for the following
resource types:
- FILEDEF
- PROGDEF
- TDQDEF
- TRANDEF

Replacing a Resource description

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

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

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

Some or all of the following parameters can be used:

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

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

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

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

Installing a RESGROUP when ASSIGNMENT is specified

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

- TARGET
- RELATED
- USAGE
- MODE
- OVERRIDE

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

How to Read resource table descriptions

Each resource class is represented by a resource table that fully describes the attributes of that resource. 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 - M to Z

The CICSPlex SM resource table descriptions are listed in alphabetic order from M to Z. 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 A to L, see CICSPlex SM resource tables overview in the CICSPlex SM Resource Tables Reference Vol 1.

MAPDEF Resource Table

A CICS Definition that describes a map set, which is a group of related screen layouts or maps.

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

The following actions are supported:

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

External resource name
> CICSDefinitionMapSet

Length
> 168

Usage API or Batch Utility or CICS Management Client Interface

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICS Definition

Copybook identifier
> EYUt3805

Table 9. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No

Table 9. Valid CPSM operations (continued)

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|DUPIGNORE|NOREPLACE|DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 10. MAPDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	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 10. MAPDEF FEEDBACK error codes (continued)

55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD access error			

Table 11. MAPDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	19
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	21
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	20
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				13
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	23
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				17
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	No	Residence status	NO			8
RESIDENT Input/output valid values	YES, NO										
RSL	CHAR	CPSM	8	No	DIFF	No	Resource security value	0	0-24	E330PLTS	12
RSL Input/output valid values	PUBLIC										
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Map set status	ENABLED			9
STATUS Input/output valid values	ENABLED, DISABLED										
USAGE	EYUDA	CPSM	4	Yes	LIKE	No	Map set storage release	NORMAL			10
USAGE Input/output valid values	NORMAL, TRANSIENT										
USELPACOPY	EYUDA	CPSM	4	Yes	LIKE	No	Use map set from link pack area (LPA) option	NO			11

Table 11. MAPDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
USELPACOPY Input/output valid values	YES, NO										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				14
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				15
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				16

MAPINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
> 56

Usage API or Batch Utility 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
> EYUt6150

Table 12. Valid CPSM operations

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

Table 13. MAPINGRP FEEDBACK error codes

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

Table 13. MAPINGRP FEEDBACK error codes (continued)

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

Table 14. MAPINGRP resource table attributes

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

MAS Resource Table

A CPSM Topology Manager object that describes the attributes of a managed application system. A MAS is the run-time representation of a CICS system definition. MAS objects can be referenced even if the CICS system is not active.

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

The CICSNAME attribute key field is ignored when named in an EVALDEF. The object instances returned are a function of the current scope in effect when the request is made.

When the EVALDEF is used by MRM, the scope is that of the CICS system for which the RTADEF is being installed.

When the EVALDEF is used by APM, the scope is that established when the RTADEF was associated with the APSPEC.

The following action is supported:

STOP

Terminate the CICSPlex SM MAS agent component.

The STOP action requires no unique parameter data.

External resource name

CICSManagedRegion

Length

472

Usage API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICSPlex SM Manager

Copybook identifier
> EYUt2443

Table 15. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	STOP	None	N/A
	STOPUNCON	None	N/A
	FORCEDISCON	None	N/A
	CPSMDUMP	BAS	No
		CHE	No
		COM	No
		DAT	No
		KNL	No
		MAS	No
		MON	No
		MSG	No
		QUE	No
		RTA	No
		SIM	No
		SLM	No
		SRV	No
		TOP	No
		TRC	No
		WLM	No

Table 16. MAS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	21	MONSPEC_MISSING	Monitor specification missing
22	RTASPEC_MISSING	RTA specification missing	23	WLMSPEC_MISSING	WLM specification missing
24	TOR_PARTICIPANT	TOR participant	25	UNCON_REQUIRED	Issue StopUncon before ForceDiscon

Table 17. MAS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
ACTVTIME	CHAR	CPSM	8	DIFF	Yes	Period definition name		51
AINSFAIL	EYUDA	CPSM	4	LIKE	Yes	Autoinstall failure action		58

Table 17. MAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
AINSFAIL Input/output valid values	CONTINUE, PROMPT, SHUTDOWN, TERMINATE							
AUTOINST	EYUDA	CPSM	4	LIKE	Yes	Autoinstall request type		57
AUTOINST Input/output valid values	NEVER, ALWAYS, COLDONLY, WARMONLY							
BASTRACE	BITSTRIP	CPSM	4	AVG	Yes	Business Application Services (BAS) trace flags		34
BOTRSUPD	BINARY	CPSM	1	AVG	Yes	RS server bottom tier		66
CHETRACE	BITSTRIP	CPSM	4	AVG	Yes	Cache services trace flags		26
`CICSNAME-1`	CHAR	CPSM	8	DIFF	Yes	CICS system name		4
CICSSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for CICS region monitoring		12
CICSSTATE	EYUDA	CPSM	4	LIKE	No	MAS status		7
CICSSTATE Output valid values	ACTIVE, INACTIVE, LOSTCON, LOSTCMAS, LOSTMAS							
CMASNAME	CHAR	CPSM	8	DIFF	No	CMAS name		5
COMTRACE	BITSTRIP	CPSM	4	AVG	Yes	Communications trace flags		28
CONNSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for connection monitoring		15
CPSMVER	CHAR	CPSM	4	DIFF	Yes	CPSM version of MAS		72
DATTRACE	BITSTRIP	CPSM	4	AVG	Yes	Data repository services trace flags		33
DAYLGHTSV	EYUDA	CPSM	4	LIKE	Yes	Daylight saving time in effect		55
DAYLGHTSV Input/output valid values	YES, NO							
DBXSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for DB2/DBCTRL monitoring		14
DESC	CHAR	CPSM	58	DIFF	No	CICS system description		52
FILESAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for file monitoring		16
GLBLSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for global region monitoring		13
HOST	CHAR	CPSM	116	DIFF	No	Host Name	E640 E650	60
JRNLSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for journal monitoring		17
KNLTRACE	BITSTRIP	CPSM	4	AVG	Yes	Kernel linkage trace flags		22
MASTRACE	BITSTRIP	CPSM	4	AVG	Yes	MAS services trace flags		29
MASTYPE	EYUDA	CPSM	4	LIKE	No	MAS type		6
MASTYPE Output valid values	N_A, LOCAL, REMOTE							
MONSTATUS	EYUDA	CPSM	4	LIKE	Yes	Monitoring status		8
MONSTATUS Input/output valid values	YES, NO, FORCE							
MSGTRACE	BITSTRIP	CPSM	4	AVG	Yes	Message services trace flags		24

Table 17. MAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
MXTACTION	CHAR	CPSM	8	DIFF	Yes	Action for CICS-at-maximum-tasks event		48
MXTSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for CICS-at-maximum-tasks event		42
MXTSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, N_A							
NETWORKID	CHAR	CPSM	8	DIFF	No	Network ID	E640 E650	61
NRMACTION	CHAR	CPSM	8	DIFF	Yes	Action for Non-responsive-MAS event		71
NRMSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for Non-responsive-MAS event		70
NRMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, N_A							
PORT	CHAR	CPSM	8	DIFF	No	Port number	E640 E650	62
PRICMAS	CHAR	CPSM	8	DIFF	Yes	Primary CMAS name		50
PROGSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for program monitoring		18
QUETRACE	BITSTRIP	CPSM	4	AVG	Yes	Queue services trace flags		27
READRS	BINARY	CPSM	2	DIFF	Yes	RS server read interval		63
RETENTION	BINARY	CPSM	4	AVG	Yes	Monitoring data retention period		11
RTASTATUS	EYUDA	CPSM	4	LIKE	Yes	Real time analysis status		9
RTASTATUS Input/output valid values	YES, NO, SAM, MRM							
RTATRACE	BITSTRIP	CPSM	4	AVG	Yes	Real time analysis (RTA) trace flags		32
SAMACTION	CHAR	CPSM	8	DIFF	Yes	Action for system availability monitoring event		44
SAMSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for system availability monitoring event		38
SAMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, N_A							
SDMACTION	CHAR	CPSM	8	DIFF	Yes	Action for system dump event		46
SDMSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for system dump event		40
SDMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, N_A							
SECBYPASS	EYUDA	CPSM	4	LIKE	Yes	Simulated security exemption check		37
SECBYPASS Input/output valid values	YES, NO							
SECCMDCHK	EYUDA	CPSM	4	LIKE	Yes	Simulated security command check		35

Table 17. MAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SECCMDCHK Input/output valid values	YES, NO							
SECRESCHK	EYUDA	CPSM	4	LIKE	Yes	Simulated security resource check		36
SECRESCHK Input/output valid values	YES, NO							
SOSACTION	CHAR	CPSM	8	DIFF	Yes	Action for short on storage (SOS) event		45
SOSSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for short on storage (SOS) event		39
SOSSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, N_A							
SRVTRACE	BITSTRIP	CPSM	4	AVG	Yes	Common services trace flags		25
STLACTION	CHAR	CPSM	8	DIFF	Yes	Action for CICS-stalled event		49
STLSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for CICS-stalled event		43
STLSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, N_A							
TDMACTION	CHAR	CPSM	8	DIFF	Yes	Action for transaction dump event		47
TDMSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for transaction dump event		41
TDMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, N_A							
TDQSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for TDQ monitoring		20
TERMSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for terminal monitoring		19
TMEZONE	CHAR	CPSM	1	DIFF	Yes	Time zone		54
TMEZONEO	BINARY	CPSM	1	AVG	Yes	Time zone offset		53
TOPRSUPD	BINARY	CPSM	1	AVG	Yes	RS server top tier		65
TOPTRACE	BITSTRIP	CPSM	4	AVG	Yes	Topology trace flags		31
TRANSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for transaction monitoring		21
TRATRACE	BITSTRIP	CPSM	4	AVG	Yes	Trace services trace flags		23
UPDATERS	BINARY	CPSM	1	AVG	Yes	RS server update frequency		64
WLMOPTEN	EYUDA	CPSM	4	LIKE	Yes	WLM optimization enablement		69
WLMOPTEN Input/output valid values	ENABLED, DISABLED							
WLMQMODE	EYUDA	CPSM	4	DIFF	Yes	Task load queue mode		68
WLMQMODE Input/output valid values	ALL, MAXTASK							
WLMSTATUS	EYUDA	CPSM	4	LIKE	Yes	Workload manager status		10
WLMSTATUS Input valid values	YES							
WLMSTATUS Output valid values	YES, NO							

Table 17. MAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
WLMTHRSH	BINARY	CPSM	1	AVG	Yes	Task load health threshold		67
WLMTRACE	BITSTRIP	CPSM	4	AVG	Yes	Workload management trace flags		30

MASHIST Resource Table

A CICSPlex SM Operations Resource that describes the state of CICSPlex SM history recording for a MAS.

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

External resource name
>CICSTaskHistoryCollection

Length
>64

Usage   API or CICS Management Client Interface or EVALDEF

API view
>Yes

CMAS context
>No

SCOPE applies
>Yes

Only query CMASs in workload
>No

Object type
>CICS Resource

Copybook identifier
>EYUt0153

Table 18. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	SUSPEND	None	N/A
	RESUME	None	N/A

Table 19. MASHIST FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	CPSM_RELEASE	Action not supported for CPSM release	2	STATUS_INACTV	Action not supported for an inactive history collector

Table 20. MASHIST resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	

Table 20. MASHIST resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
CDSSUF	CHAR	CPSM	1	DIFF	Current data set suffix	6
CRECCNT	BINARY	CPSM	8	MAX	Number of records on current data set	3
CWRAPCNT	BINARY	CPSM	4	MAX	Number of times current data set has wrapped	4
HDSCOUNT	BINARY	CPSM	2	MAX	Number of History data sets	5
REASON	EYUDA	CPSM	4	LIKE	History reason code	2
REASON Output valid values	OK, NOTAVAILABLE, INVALIDFILE, IOERROR					
RESERVED1	CHAR	CPSM	1	LIKE	Reserved area for expansion	8
RESERVED2	BINARY	CPSM	4	LIKE	Reserved area for expansion	9
RESERVED3	BINARY	CPSM	4	LIKE	Reserved area for expansion	10
RESERVED4	BINARY	CPSM	4	LIKE	Reserved area for expansion	11
RESERVED5	BINARY	CPSM	4	LIKE	Reserved area for expansion	12
RESERVED6	BINARY	CPSM	4	LIKE	Reserved area for expansion	13
STATUS	EYUDA	CPSM	4	LIKE	History recorder status	1
STATUS Output valid values	ACTIVE, INACTIVE, SUSPEND, SUSPENDING, RESUMING					
TASKNO	DECIMAL	CPSM	4	MAX	Task ID of Current Recorder	7

MASQRYER Resource Table

This CICS resource object provides information about CMASes and MASes which failed to respond to a GET, PERFORM OBJECT, PERFORM SET, REFRESH, or SET command targeting a CICS operate resource table.

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

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

This resource class has no object specific actions.

External resource name

Length
> 24

Usage   API

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICSPlex SM Metadata

Copybook identifier
EYUt2639

Table 21. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 22. MASQRYER resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
`CICSNAME-2`	CHAR	CPSM	8	LIKE	No	CICS system name	5
`CICSTYPE-1`	CHAR	CPSM	1	LIKE	Yes	CICS region type	7
CICSTYPE-1 Input/output valid values	L, M						
ERRORTYPE	EYUDA	CPSM	4	LIKE	No	Error type	6
ERRORTYPE Output valid values	MODBNOTACTIVE, PRIVATEMETHOD, METHODLOCKED, ENVIRONTIMEOUT, ENVIRONCANCEL, STARTFAILED, STACKTOOLARGE, OVERFLOWOSSBFAIL, BADMALTRANSFER, TRANSMITTIMEOUT, EXECUTETIMEOUT, TRANSMITFAILED, TARGETUNAVAIL, SECVIOLATION, MALRETURNFAILED, MAXHISTORYRECS, NOTAUTHORIZED, SECINTERFACEFAIL						
PLEXNAME	CHAR	CPSM	8	LIKE	No	CICSplex name	4

MASSTAT Resource Table

A CICSPlex SM Operations Resource that displays information about the join status of CICS systems in each CMAS in a CICSplex.

There are no object specific actions for this resource class.

External resource name
CICSManagedRegionStatus

Length
96

Usage   API or CICS Management Client Interface

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICSPlex SM Manager

Copybook identifier
EYUt2640

Table 23. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 24. MASSTAT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
`CICSNAME-1`	CHAR	CPSM	8	DIFF	CICS system name	4
CICSSTATE	EYUDA	CPSM	4	LIKE	MAS status	7
CICSSTATE Output valid values	ACTIVE, INACTIVE, LOSTCON, LOSTCMAS, LOSTMAS					
CMASNAME	CHAR	CPSM	8	DIFF	CMAS name	5
DESC	CHAR	CPSM	58	DIFF	CICS system description	9
MASTYPE	EYUDA	CPSM	4	LIKE	MAS type	6
MASTYPE Output valid values	N_A, LOCAL, REMOTE					
`RPTCMAS-2`	CHAR	CPSM	8	DIFF	Reporting CMAS name	8

MCICSDSA Resource Table

A CICS Monitored resource that describes a subset of the dynamic storage are attributes sampled by the CICSPlex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD
> Remove the Monitored resource instance.

RESET
> Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length
> 208

Usage API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Monitored

Copybook identifier
> EYUt1367

Table 25. Valid CPSM operations

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

Table 26. MCICSDSA FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 27. MCICSDSA resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACCESSTYPE	EYUDA	STAT	4	LIKE	No	Storage key	25
ACCESSTYPE Output valid values	CICS, USER, READONLY						
ASUBTOTL	CNUMERIC	STAT	4	AVG	No	Number of Add Subpool requests	8
CUMCMNSSUSRS	CNUMERIC	STAT	4	AVG	No	Cumulative number of common subspace users	39
CUMUNQSSUSRS	CNUMERIC	STAT	4	AVG	No	Cumulative number of unique subspace users	36
CURCMNSSUSRS	CNUMERIC	STAT	4	AVG	No	Current number of common subspace users	38
CURFRESTG	PERCENT	CPSM	4	AVG	No	Free storage for current sample (%)	20
CURRALLOC	CNUMERIC	STAT	4	AVG	No	Current DSA allocated above/below 16M line	41
CURUNQSSUSRS	CNUMERIC	STAT	4	AVG	No	Current tasks allocated a unique subspace	35
CUSHION	BINARY	STAT	4	MAX	No	Cushion size	4
DSUBTOTL	CNUMERIC	STAT	4	AVG	No	Number of Delete Subpool requests	9
FREMTOTL	BINARY	STAT	4	AVG	No	Number of FREEMAIN requests	7
GETMTOTL	BINARY	STAT	4	AVG	No	Number of GETMAIN requests	6
HWMALLOC	CNUMERIC	STAT	4	AVG	No	Peak DSA allocated above/below 16M line	42
HWMCMNSSUSRS	CNUMERIC	STAT	4	AVG	No	Peak number of common subspace users	40
HWMFREE	CNUMERIC	CPSM	4	AVG	No	Peak amount of free storage available	33
HWMUNQSSUSRS	CNUMERIC	STAT	4	AVG	No	Peak number of unique subspace users	37
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTFRESTG	PERCENT	CPSM	4	AVG	No	Free storage for monitor interval (%)	21
LIMIT	CNUMERIC	STAT	4	AVG	No	Maximum size of DSA	27
LOCATION	EYUDA	STAT	4	LIKE	No	Dynamic storage area (DSA) location	24
LOCATION Output valid values	ABOVE, BELOW, NOTAPPLIC						

Table 27. MCICSDSA resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
LWMFREE	CNUMERIC	CPSM	4	AVG	No	Smallest amount of free storage available	34
`NAME-1`	CHAR	STAT	8	DIFF	Yes	Dynamic storage area (DSA)	2
NSTGTOTL	CNUMERIC	STAT	4	AVG	No	Number of times NOSTORAGE returned	10
NSTGTSUSP	BINARY	STAT	4	AVG	No	Number of current suspended storage requests	13
PCTFREE	PERCENT	CPSM	4	AVG	No	Percentage of available total storage	29
PGMONIU	CNUMERIC	STAT	4	AVG	No	Storage occupied by not-in-use programs	5
POOLPCTFREE	PERCENT	CPSM	4	AVG	No	Percentage of available pool storage	28
REQSWAITMVS	BINARY	STAT	4	AVG	No	Number of requests for MVS storage causing wait	43
RNTPGPROTECT	CVDAS	STAT	4	LIKE	No	Reentrant program protection status	31
RNTPGPROTECT Output valid values	REENTPROT, NOREENTPROT						
SIZE	BINARY	STAT	4	MAX	No	DSA Size	3
STGCRELC	BINARY	STAT	4	AVG	No	Number of times cushion released	15
STGFSIZE	BINARY	STAT	4	MAX	No	Free storage size	18
STGHWM	BINARY	STAT	4	AVG	No	Peak size of DSA	26
STGLSIZE	CNUMERIC	STAT	4	AVG	No	Largest free area size	22
STGNSUBP	BINARY	STAT	4	AVG	No	Number of current subpools	17
STGPROTECT	CVDAS	STAT	4	LIKE	No	Storage protection active	30
STGPROTECT Output valid values	ACTIVE, INACTIVE						
STGPWCNT	CNUMERIC	STAT	4	AVG	No	Number of tasks purged while waiting	14
STGSHWM	BINARY	STAT	4	AVG	No	Peak number of suspended storage requests	12
STGSOSC	CNUMERIC	STAT	4	SUM	No	Short on storage count	16
STGSOST	INTTSTP	STAT	8	SUM	No	Total time CICS was short on storage	19
STGSTOTL	BINARY	STAT	4	AVG	No	Number of times requests were suspended	11
STGVTOTL	CNUMERIC	STAT	4	AVG	No	Number of storage violations	23
TIMEWAITMVS	INTTSTP	STAT	8	AVG	No	Total time waiting for MVS storage	44
TRNISOLATION	CVDAS	STAT	4	LIKE	No	Transaction isolation status	32
TRNISOLATION Output valid values	ACTIVE, INACTIVE						

MCICSRGN Resource Table

A CICS Monitored resource that describes a subset of the CICS region attributes sampled by the CICSPlex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD
Remove the Monitored resource instance.

RESET
Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length
440

Usage API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Monitored

Copybook identifier
EYUt1366

Table 28. Valid CPSM operations

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

Table 29. MCICSRGN FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 30. MCICSRGN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		

Table 30. MCICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
AINSCREQ	CNUMERIC	INQ	4	AVG	Number of current autoinstall requests		10
AINSMREQ	CNUMERIC	INQ	4	AVG	Maximum number of autoinstall requests		11
AINSSTAT	CVDAS	INQ	4	LIKE	Autoinstall enabled status		12
AINSSTAT Output valid values	ENABLED, DISABLED						
AMAXTASKS	BINARY	INQ	4	SUM	Maximum number of active tasks	E410PLUS	4
CICSSTATUS	CVDAS	INQ	4	LIKE	CICS status		6
CICSSTATUS Output valid values	STARTUP, ACTIVE, FIRSTQUIESCE, FINALQUIESCE						
CPUTIME	INTUSEC	CPSM	8	AVG	Total CPU time used		48
CTSLEVEL	CHAR	INQ	6	DIFF	CICS Transaction Server level		101
CURACTVUSRTR	CNUMERIC	STAT	4	AVG	Current number of active user transactions		76
CURAMAXRATE	RATE	CPSM	4	AVG	AMAX rate for current sample	E410PLUS	22
CURCPUPER	PERCENT	CPSM	4	AVG	CPU usage during last sample period		49
CURPAMAXRATE	RATE	CPSM	4	AVG	Peak AMAX rate for current sample	E410PLUS	24
CURPGIRATE	RATE	CPSM	4	AVG	Page-in rate for current sample		52
CURPGORATE	RATE	CPSM	4	AVG	Page-out rate for current sample		55
CURPTSKRATE	RATE	CPSM	4	AVG	Peak task rate for current sample		18
CURQUEDUSRTR	CNUMERIC	STAT	4	AVG	Current number of queued user transactions		77
CURQUETIME	INTTSTP	STAT	8	AVG	Time currently queued transactions waiting		83
CURRAMAX	CNUMERIC	STAT	2	AVG	Current number of user tasks eligible for dispatch	E410PLUS	21
CURRTASKS	BINARY	INQ	4	SUM	Current number of tasks		74
CURSIORATE	RATE	CPSM	4	AVG	Start I/O rate for current sample		59
CURTASKRATE	RATE	CPSM	4	AVG	Task rate for current sample		16
CUTCBCNT	CNUMERIC	STAT	2	SUM	Number of MVS task control blocks (TCBs)		15
DSGTOTMT	INTTSTP	STAT	8	AVG	Total MVS storage wait time		103
DSGTOTMW	BINARY	STAT	4	AVG	Total number of MVS storage waiters		104
EXTSEC	CVDAS	INQ	4	LIKE	External security manager option		8
EXTSEC Output valid values	EXTSECURITY, NOSECURITY						
INTAMAXRATE	RATE	CPSM	4	AVG	AMAX rate for interval	E410PLUS	23
INTCPUPER	PERCENT	CPSM	4	AVG	Average CPU usage over monitor interval		50
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID		1

Table 30. MCICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
INTPAMAXRATE	RATE	CPSM	4	AVG	Peak AMAX rate for interval	E410PLUS	25
INTPGIRATE	RATE	CPSM	4	AVG	Page-in rate for monitor interval		53
INTPGORATE	RATE	CPSM	4	AVG	Page-out rate for monitor interval		56
INTPTSKRATE	RATE	CPSM	4	AVG	Peak task rate for interval		19
INTSIORATE	RATE	CPSM	4	AVG	Start I/O rate for monitor interval		60
INTTASKRATE	RATE	CPSM	4	AVG	Task rate for interval		17
INTVTRANS	CNUMERIC	STAT	4	AVG	Transactions run since last CPSM statistics reset		98
IRCSTAT	CVDAS	INQ	4	LIKE	Interregion communication (IRC) status		13
IRCSTAT Output valid values	OPEN, CLOSED, CLOSING, IMMCLOSING						
JOBNAME	CHAR	INQ	8	DIFF	Job name		2
LASTRESET	TIMESTP	STAT	8	MAX	Last statistics reset time		29
LOADHWMC	CNUMERIC	STAT	4	AVG	Number of times peak suspended tasks reached		35
LOADHWMW	CNUMERIC	STAT	4	AVG	Peak number of tasks waiting for load requests		34
LOADPNIU	CNUMERIC	STAT	4	AVG	Number of programs on not-in-use queue		40
LOADREQS	CNUMERIC	STAT	4	AVG	Number of load requests		28
LOADRNIU	CNUMERIC	STAT	4	AVG	Number of reclaims from not-in-use queue		41
LOADTIME	INT16US	STAT	4	AVG	Total loading time		30
LOADTNIU	INTTSTP	STAT	8	AVG	Total time to remove not-in-use programs		39
LOADWAIT	INT16US	STAT	4	AVG	Total load waiting time		36
LOADWCNT	CNUMERIC	STAT	4	AVG	Number of tasks that have waited for load requests		33
LUCURR	CNUMERIC	STAT	4	AVG	Number of LUs currently logged on		67
LUHWM	CNUMERIC	STAT	4	AVG	Highest number of LUs logged on at any one time		68
MAXTASKS	BINARY	INQ	4	AVG	Maximum number of active and suspended tasks		5
MAXTRCNT	BINARY	STAT	4	AVG	Number of times MAXTASK limit reached		75
MROBATCH	BINARY	INQ	4	AVG	Number of MRO requests to be batched		9
MVSSYSID	CHAR	CPSM	4	DIFF	MVS system ID		3
OSLEVEL	CHAR	INQ	6	DIFF	z/OS level		102
PAGEIN	BINARY	CPSM	4	AVG	Number of page-in requests		51
PAGEOUT	BINARY	CPSM	4	AVG	Number of page-out requests		54
PEAKAMAX	CNUMERIC	STAT	2	AVG	Peak number of user tasks eligible for dispatch	E410PLUS	26
PEAKTASKS	BINARY	STAT	2	AVG	Peak number of tasks in system		20

Table 30. MCICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
PEKACTVUSRTR	CNUMERIC	STAT	4	AVG	Peak number of active user transaction		78
PEKQUEDUSRTR	CNUMERIC	STAT	4	AVG	Peak number of queued user transactions		79
PLASTRESET	DECTIME	STAT	4	AVG	Last reset time		100
PRGMRCMP	CNUMERIC	STAT	4	AVG	Number of programs removed by compression		38
PRGMUCNT	CNUMERIC	STAT	4	AVG	Number of uses of any program by the CICS system		31
PRGMWAIT	CNUMERIC	STAT	4	AVG	Current number of waiting loader requests		32
PROGAUTOATTM	CNUMERIC	STAT	4	AVG	Number of program autoinstall attempts		84
PROGAUTOFAIL	CNUMERIC	STAT	4	AVG	Number of failed program autoinstall attempts		86
PROGAUTOXREJ	CNUMERIC	STAT	4	AVG	Number of times autoinstall prog request rejected		85
PRSSERRORCNT	CNUMERIC	STAT	4	AVG	Persistent sessions error count		73
PRSSINQCNT	CNUMERIC	STAT	4	AVG	Number of CICS persistent-session inquiries		69
PRSSNIBCNT	CNUMERIC	STAT	4	AVG	Number of VTAM sessions that persisted		70
PRSSOPNCNT	CNUMERIC	STAT	4	AVG	Number of persistent sessions successfully restored		71
PRSSUNBNDCNT	CNUMERIC	STAT	4	AVG	Number of persistent sessions that were terminated		72
RDEBRBLD	CNUMERIC	STAT	4	AVG	Number of times DFHRPL reopened and load retried		37
REALSTG	CNUMERIC	CPSM	4	AVG	Real storage in use		57
RELEASE	CHAR	INQ	4	DIFF	CICS Release		97
SDMPSUPP	CNUMERIC	STAT	4	AVG	Number of system dumps suppressed		43
SDMPTOTL	CNUMERIC	STAT	4	AVG	Number of system dumps taken		42
SIOREQ	BINARY	CPSM	8	AVG	Number of I/O requests		58
STRTTIME	TIMESTP	CPSM	8	MAX	CICS start time		47
SYSDUMP	CVDAS	INQ	4	LIKE	System dump status		7
SYSDUMP Output valid values	SYSDUMP, NOSYSDUMP						
SYSID	CHAR	CPSM	4	DIFF	CICS system ID		46
TDMPSUPP	CNUMERIC	STAT	4	AVG	Number of transaction dumps suppressed		45
TDMPTOTL	BINARY	STAT	4	AVG	Number of transaction dumps taken		44
TOTACTVUSRTR	CNUMERIC	STAT	4	AVG	Total number of active user transactions		80
TOTDELYUSRTR	CNUMERIC	STAT	4	AVG	Total number of queued user transactions		81
TOTLTASKS	BINARY	STAT	8	AVG	Total number of tasks		99

Table 30. MCICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
TOTQUETIME	INTTSTP	STAT	8	AVG	Total time queued transactions waited		82
VTMACBDOPE	CNUMERIC	STAT	2	AVG	Number of times VTAM ACB dynamically opened		65
VTMRPLMAX	DECIMAL	STAT	4	AVG	Number of times RPL maximum value was reached		62
VTMRPLPOST	DECIMAL	STAT	2	AVG	Maximum number of VTAM RPLs posted		63
VTMSOSCNT	CNUMERIC	STAT	2	AVG	Number of times VTAM had short-on-storage status		64
VTMSTATUS	CVDAS	INQ	4	LIKE	CICS-VTAM connection status		61
VTMSTATUS Output valid values	OPEN, CLOSED, CLOSING, IMMCLOSING, FORCECLOSING, NOTAPPLIC						

MCMDT Resource Table

A CICS Monitored resource that describes a subset of the data table attributes sampled by the CICSPlex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD
Remove the Monitored resource instance.

RESET
Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length
312

Usage   API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Monitored

Copybook identifier
EYUt1399

Table 31. Valid CPSM operations

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

Table 32. MCMDT FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 33. MCMDT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ADDCNT	BINARY	STAT	4	AVG	No	Number of add requests	16
ADDFRREAD	CNUMERIC	STAT	4	AVG	No	Add requests resulting from reads	34
ADDREJ	CNUMERIC	STAT	4	AVG	No	Add requests rejected by exit	36
ADDREQ	CNUMERIC	STAT	4	AVG	No	Total add requests	35
ADDTFULL	CNUMERIC	STAT	4	AVG	No	Total add requests when table full	37
BROWSECNT	BINARY	STAT	4	AVG	No	Number of browse requests	15
CONTENTION	CNUMERIC	STAT	4	AVG	No	CFDT contention count	62
CURCOUNT	CNUMERIC	STAT	4	AVG	No	Current record count	44
CURDEXCPRATE	RATE	CPSM	4	AVG	No	VSAM data EXCP rate current sample	24
CURIEXCPRATE	RATE	CPSM	4	AVG	No	VSAM index EXCP rate current sample	26
CURMRQRATE	RATE	CPSM	4	AVG	No	MDT request rate for current sample	42
CURREADRATE	RATE	CPSM	4	AVG	No	Successful read rate current sample	31
CURREQRATE	RATE	CPSM	4	AVG	No	Request rate for current sample	20
DELETEREQ	CNUMERIC	STAT	4	AVG	No	Total delete requests	39
DEXCPCNT	BINARY	STAT	4	AVG	No	VSAM EXCP count data component	22
DSNAME	CHAR	INQ	44	DIFF	No	Data set name	4
ENABLESTATUS	CVDAS	INQ	4	LIKE	No	Enabled status	5
ENABLESTATUS Output valid values	ENABLED, DISABLED, UNENABLED, DISABLING, UNENABLING						
`FILE-1`	CHAR	INQ	8	DIFF	Yes	File identifier	2
GETCNT	BINARY	STAT	4	AVG	No	Number of get requests	13
GETUPDCNT	BINARY	STAT	4	AVG	No	Number of get update requests	14
IEXCPCNT	BINARY	STAT	4	AVG	No	VSAM EXCP count INDX component	23

Table 33. MCMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
INTDEXCPRATE	RATE	CPSM	4	AVG	No	VSAM data EXCP rate for interval	25
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier	1
INTIEXCPRATE	RATE	CPSM	4	AVG	No	VSAM index EXCP rate for interval	27
INTMRQRATE	RATE	CPSM	4	AVG	No	MDT request rate for interval	43
INTREADRATE	RATE	CPSM	4	AVG	No	Successful read rate for interval	32
INTREQRATE	RATE	CPSM	4	AVG	No	Request rate for interval	21
LOCDELCNT	BINARY	STAT	4	AVG	No	Number of local delete requests	18
LSRPOOLID	BINARY	INQ	2	MAX	No	LSR Pool number	54
MAXNUMRECS	BINARY	INQ	4	AVG	No	Maximum records table can hold	6
MAXTSIZE	CNUMERIC	STAT	4	AVG	No	Highest table size	40
NUMACTSTRING	CNUMERIC	STAT	2	AVG	No	Number of active strings	57
NUMDATBUFF	CNUMERIC	STAT	2	AVG	No	Number of data buffers	55
NUMINDEXBUFF	CNUMERIC	STAT	2	AVG	No	Number of index buffers	56
NUMSTRINGWT	CNUMERIC	STAT	2	AVG	No	Number of active string waits	58
OPENSTATUS	CVDAS	INQ	4	LIKE	No	Open status	7
OPENSTATUS Output valid values	OPEN, CLOSED, OPENING, CLOSING, CLOSEREQUEST						
POOLNAME	CHAR	INQ	8	DIFF	No	CFDT pool name	59
READRETRY	CNUMERIC	STAT	4	AVG	No	Read retries	45
READS	CNUMERIC	STAT	4	AVG	No	Successful reads	30
RECNOTFND	CNUMERIC	STAT	4	AVG	No	Total records not found in table	33
RECORDSIZE	BINARY	INQ	4	AVG	No	Record size	8
REWRITE	CNUMERIC	STAT	4	AVG	No	Total rewrite requests	38
STGALCINU	CNUMERIC	STAT	4	AVG	No	Total storage in use	47
STGALCTOT	CNUMERIC	STAT	4	AVG	No	Total storage allocated	46
STGDTAINU	CNUMERIC	STAT	4	AVG	No	Data storage in use	53
STGDTATOT	CNUMERIC	STAT	4	AVG	No	Data storage allocated	52
STGENTINU	CNUMERIC	STAT	4	AVG	No	Entries storage in use	49
STGENTTOT	CNUMERIC	STAT	4	AVG	No	Entries storage allocated	48
STGIDXINU	CNUMERIC	STAT	4	AVG	No	Index storage in use	51
STGIDXTOT	CNUMERIC	STAT	4	AVG	No	Index storage allocated	50
STRINGS	BINARY	INQ	4	AVG	No	Strings	9
TABLE	CVDAS	INQ	4	LIKE	No	Data table indicator	10
TABLE Output valid values	CICSTABLE, USERTABLE, CFTABLE, NOTTABLE						
TABLENAME	CHAR	INQ	8	DIFF	No	CFDT table name	60
TIMECLOSE	DECTSTP	STAT	4	MAX	No	Time closed	11
TIMEOPEN	DECTSTP	STAT	4	MAX	No	Time opened	12
TOTLREQCNT	SUM	STAT	4	AVG	No	Sum of all requests	19
TOTMREQCNT	SUM	STAT	4	AVG	No	Sum of all MDT requests	41
UPDATECNT	BINARY	STAT	4	AVG	No	Number of update requests	17

Table 33. MCMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
VSAMTYPE	CVDAS	INQ	4	LIKE	No	VSAM file type	3
VSAMTYPE Output valid values	ESDS, KSDS, RRDS						
WSTRCCURCNT	BINARY	STAT	4	AVG	No	Wait on string maximum concurrent count	29
WSTRCNT	BINARY	STAT	4	AVG	No	Wait on string total count	28

MCONNECT Resource Table

A CICS Monitored resource that describes a subset of the connection attributes sampled by the CICSPlex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD
> Remove the Monitored resource instance.

RESET
> Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length
> 216

Usage   API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Monitored

Copybook identifier
> EYUt1370

Table 34. Valid CPSM operations

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

Table 35. MCONNECT FEEDBACK error codes

Value	Code	Description	Value	Code	Description

Table 35. MCONNECT FEEDBACK error codes (continued)

9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 36. MCONNECT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACCESSMETHOD	CVDAS	INQ	4	LIKE	No	Access method	7
ACCESSMETHOD Output valid values	VTAM, IRC, INDIRECT, XM						
AIDS	BINARY	STAT	2	AVG	No	Number of automatic initiate descriptors (AIDs)	9
ALLOCATES	BINARY	STAT	4	AVG	No	Total number of allocate requests	16
ALLOCQLIMIT	CNUMERIC	STAT	2	AVG	No	Allocate queue limit (QUEUELIMIT)	36
ATISBPRI	BINARY	STAT	4	AVG	No	Number of ATIs satisfied by primary sessions	11
ATISBSEC	BINARY	STAT	4	AVG	No	Number of ATIs satisfied by secondary sessions	13
BIDSSENT	BINARY	STAT	4	AVG	No	Total number of bids sent	15
CONCURBIDS	BINARY	STAT	2	AVG	No	Number of bids currently in progress	28
CONNCREATIME	TIMESTP	STAT	8	MAX	No	Local connection create time	45
CONNDELETIME	TIMESTP	STAT	8	MAX	No	Local connection delete time	47
CONNSTATUS	CVDAS	INQ	4	LIKE	No	Connection status	6
CONNSTATUS Output valid values	RELEASED, OBTAINING, ACQUIRED, FREEING, AVAILABLE						
CURFCFSRATE	RATE	CPSM	4	AVG	No	File Control ship rate for current sample	29
DLIFUNCSHIP	BINARY	STAT	4	AVG	No	Number of DL/I function ships	25
DPLFUNCSHIP	BINARY	STAT	4	AVG	No	Number of Distributed Program Link function ships	52
EXIT_REJALLC	CNUMERIC	STAT	4	AVG	No	Allocates rejected because QUEUELIMIT reached	31
FAILEDOTHERS	BINARY	STAT	4	AVG	No	Number of allocate requests with other failure	20
FAILINKALLOC	BINARY	STAT	4	AVG	No	Number of allocate requests with link failure	19
FCFUNCSHIP	BINARY	STAT	4	AVG	No	Number of File Control function ships	21
GMTCREATIME	TIMESTP	STAT	8	MAX	No	GMT connection create time	44
GMTDELETIME	TIMESTP	STAT	8	MAX	No	GMT connection delete time	46
ICFUNCSHIP	BINARY	STAT	4	AVG	No	Number of Interval Control function ships	22
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1

Table 36. MCONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
INTFCFSRATE	RATE	CPSM	4	AVG	No	File Control ship rate for interval	30
MAXBIDS	BINARY	STAT	4	AVG	No	Maximum number of concurrent bids	14
MAXPRIMARIES	CNUMERIC	STAT	2	AVG	No	Peak number of primary sessions in use	27
MAXQTALLCPRG	CNUMERIC	STAT	2	AVG	No	Number of allocates purged when MAXQTIME exceeded	41
MAXQTIME	CNUMERIC	STAT	2	AVG	No	Maximum queue time	35
MAXQTPURGCNT	CNUMERIC	STAT	2	AVG	No	Number of allocate queue purges due to MAXQTIME value	34
MAXSECOND	BINARY	STAT	4	AVG	No	Peak number of secondaries in use at one time	12
`NAME-1`	CHAR	INQ	4	DIFF	Yes	Connection ID	2
NETNAME	CHAR	INQ	8	DIFF	No	Net name	3
NONSPECAID	BINARY	STAT	2	AVG	No	Number of AIDs waiting for a session	10
OUTSALLOC	BINARY	STAT	4	AVG	No	Peak number of outstanding allocate requests	17
PRICURRUSED	CNUMERIC	STAT	2	AVG	No	Number of primaries currently in use	50
PROTOCOL	CVDAS	INQ	4	LIKE	No	Connection protocol	4
PROTOCOL Output valid values	LU61, APPC, NOTAPPLIC						
QUEDALLOCATE	BINARY	STAT	4	AVG	No	Number of queued allocate requests	18
RECEIVECOUNT	CNUMERIC	INQ	4	AVG	No	Number of defined receive sessions	32
SECCURRUSED	CNUMERIC	STAT	2	AVG	No	Number of secondaries currently in use	51
SENDCOUNT	CNUMERIC	INQ	4	AVG	No	Number of defined send sessions	33
SERVSTATUS	CVDAS	INQ	4	LIKE	No	Service status	8
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE, GOINGOUT						
TDFUNCSHIP	BINARY	STAT	4	AVG	No	Number of Transient Data function ships	23
TERMSHAREREQ	BINARY	STAT	4	AVG	No	Number of terminal sharing requests	26
TOTFUNCSHIP	SUM	STAT	4	AVG	No	Total number of function ships	43
TSFUNCSHIP	BINARY	STAT	4	AVG	No	Number of Temporary Storage function ships	24
TYPE	EYUDA	CPSM	4	LIKE	No	Connection type	5
TYPE Output valid values	LU61, LU62, INDIRECT, MRO						
XZIQALLCPRG	CNUMERIC	STAT	2	AVG	No	Number of allocates purged by XZIQUE exit	40
XZIQPRGCNT	CNUMERIC	STAT	2	AVG	No	Number of queue purges requested by XZIQUE exit	39
XZIQREJS	CNUMERIC	STAT	4	AVG	No	Number of allocates rejected by XZIQUE exit	38

MDB2THRD Resource Table

A CICS Monitored resource that describes a subset of the DB2® thread attributes sampled by the CICSPlex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD
> Remove the Monitored resource instance.

RESET
> Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length
> 112

Usage   API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Monitored

Copybook identifier
> EYUt1389

Table 37. Valid CPSM operations

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

Table 38. MDB2THRD FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 39. MDB2THRD resource table attributes

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

Table 39. MDB2THRD resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ABORTCNT	BINARY	CPSM	4	AVG	No	Number of aborts	17
AUTHCNT	BINARY	CPSM	4	SUM	No	Number of authorizations done	12
AUTHTYPE	EYUDA	CPSM	4	LIKE	No	Authorization type	3
AUTHTYPE Output valid values	USER, TERMID, TRANID, SIGNID, CHARSTR, USERID, RACFGID, NULL						
CURTHREADS	BINARY	CPSM	2	AVG	No	Current number of threads	7
CURUSERATE	RATE	CPSM	4	AVG	No	Usage rate for current sample	14
DPMODE	EYUDA	CPSM	4	LIKE	No	Dispatching mode	4
DPMODE Output valid values	HIGH, LOW, EQ						
INITTRAN-1	CHAR	CPSM	4	DIFF	Yes	Initial transaction	2
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier	1
INTUSERATE	RATE	CPSM	4	AVG	No	Usage rate for interval	15
MAXTHREADS	BINARY	CPSM	2	AVG	No	Maximum number of threads	6
NAME	CHAR	CPSM	4	DIFF	No	DB2 subsystem	21
OTHERIDS	BINARY	CPSM	4	AVG	No	Number of transactions in group	19
PLANNAME	CHAR	CPSM	8	DIFF	No	Plan name if not dynamic allocation	11
PLANPRGM	CHAR	CPSM	8	DIFF	No	Dynamic plan allocation exit program	10
READCOMMIT	BINARY	CPSM	4	AVG	No	Number of read only commits	18
ROLLBACKOPT	EYUDA	CPSM	4	LIKE	No	Rollback option	5
ROLLBACKOPT Output valid values	YES, NO						
RSVTHREADS	BINARY	CPSM	4	AVG	No	Reserved threads	8
THREADHWM	BINARY	CPSM	2	MAX	No	Peak number of threads in use	20
THREADWAIT	BINARY	CPSM	4	SUM	No	Number of thread waits	16
THREADWOPT	EYUDA	CPSM	4	LIKE	No	Thread wait option	9
THREADWOPT Output valid values	TWAIT, NOTWAIT, POOL, YES, NO, NA						
USECOUNT	BINARY	CPSM	4	SUM	No	Number of times plan used	13

METADESC Resource Table

A CPSM MetaData resource that describes the basic structure and layout of an attribute in the resource table instance data structure.

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

There are no object specific actions for this resource class.

External resource name

Length
24

Usage API

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSPlex SM Metadata

Copybook identifier

EYUt2546

Table 40. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 41. METADESC resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
DATATYPE	BINARY	CPSM	1	AVG	No	Data typeComponent IdentifierBinary NumericBinary Derived RateBinary Derived PercentBinary Derived SumBinary Derived RatioBinary Derived AverageSystem/370 TimestampBitTextCharacterEYUDACVDA StandardCVDA TerminalResource TypePacked DecimalDateInternal Label FieldBinary HHMMInterval Store ClockInterval MicrosecondsInterval MillisecondsInterval 16 MicrosecondsInterval SecondsInterval Store Clock deltaDate Time GroupPacked Decimal TimestampAddressCoded NumericNon Display CharacterHexadecimalTable versionBinary derived rate 3DPBinary derived percent 3DPBinary derived sum 3DPBinary derived average 3DPPacked Decimal Time - No TenthsInterval Store Clock Length 12String of bit flags	7
DATATYPE Input/output valid values	0 (COMP), 4 (BIN), 8 (RATE), 12 (PER), 16 (SUM), 20 (RATO), 24 (AVG), 28 (TSTP), 32 (BIT), 36 (TEXT), 40 (CHAR), 44 (EYUD), 48 (CVDS), 52 (CVDT), 56 (REST), 60 (PACK), 64 (DATE), 68 (ILBL), 72 (HHMM), 76 (SCLK), 80 (IUSC), 84 (IMSC), 88 (16US), 92 (ISEC), 96 (IUSS), 100 (DTGP), 104 (DECT), 108 (ADDR), 112 (CNUM), 116 (HCHR), 120 (HEX), 124 (TBLV), 128 (RAT3), 132 (PER3), 136 (SUM3), 140 (AVG3), 144 (DECS), 152 (SC12), 156 (BITS)						

Table 41. METADESC resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
INHERIT	CHAR	CPSM	1	DIFF	No	Inherit valueAttribute not InheritableAttribute is Inheritable	9
INHERIT Input/output valid values	N (NO), Y (YES)						
LENGTH	BINARY	CPSM	2	AVG	No	Attribute length	5
`NAME-1`	CHAR	CPSM	12	DIFF	Yes	Attribute name	4
OFFSET	BINARY	CPSM	2	AVG	No	Attribute offset in table	6

METANAME Resource Table

A CPSM MetaData resource that provides information about CVDASs, CVDATs and EYUDAs.

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

External resource name

Length
    40

Usage API

API view
    No

CMAS context
    No

SCOPE applies
    No

Only query CMASs in workload
    No

Object type
    CICSPlex SM Metadata

Copybook identifier
    EYUt2634

Table 42. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 43. METANAME resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
DESCRIPTION	CHAR	CPSM	16	DIFF	No	Short description	8
NAME	CHAR	CPSM	12	DIFF	No	Name of CVDA or EYUDA	7
`NAMETYPE-1`	BINARY	CPSM	1	DIFF	Yes	Type of dataStandard CVDATerminal CVDAEYUDA	4
NAMETYPE-1 Input/output values	1 (CVDAS), 2 (CVDAT), 3 (EYUDA)						
`VALUE-2`	BINARY	CPSM	4	DIFF	Yes	Numeric value of CVDA or EYUDA	6

METAPARM Resource Table

A CPSM MetaData resource that provides information about a parameter for an action.

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

External resource name

Length
104

Usage API

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Metadata

Copybook identifier
EYUt2633

Table 44. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 45. METAPARM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
`ACTION-2`	CHAR	CPSM	12	DIFF	Yes	Action name	5
CICSVALAVAIL	CHAR	CPSM	1	DIFF	No	CICS validity data availableCICS Validity activeNo CICS Validity data	20
CICSVALAVAIL Input/output valid values	Y (YES), N (NO)						
DATE	CHAR	CPSM	1	DIFF	No	Parameter represents a dateParameter does not represent a dateParameter does represent a date	29
DATE Input/output valid values	N (NO), Y (YES)						
DESCRIPTION	CHAR	CPSM	50	DIFF	No	Description	19
GROUP_ID	BINARY	CPSM	1	AVG	No	Parameter token	8
ID	BINARY	CPSM	4	AVG	No	Parameter number	7

Table 45. METAPARM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
MODE	BINARY	CPSM	1	DIFF	No	Mode of application of parameterCopy from base tableArray of valuesBit settingKeyword in API parm stringFilter stringAPI keyword with valueBase table field with existence bitBase table field with existence bit	18
MODE Input/output valid values	1 (COPY), 2 (LIST), 3 (FLAG), 4 (KEYWORD), 5 (FILTER), 6 (INPUT), 7 (MODFLAG), 8 (OVERRIDE)						
`NAME-3`	CHAR	CPSM	12	DIFF	Yes	Parameter literal in API parameter string	6
PICKLIST	CHAR	CPSM	1	DIFF	No	Picklist supportedPicklist not supportedPicklist supported	31
PICKLIST Input/output valid values	N (NO), Y (YES)						
REQUIRED	CHAR	CPSM	1	DIFF	No	Parameter requiredParameter is mandatoryParameter is optional	9
REQUIRED Input/output valid values	N (NO), Y (YES)						
`TABLE-1`	CHAR	CPSM	8	DIFF	Yes	Base table name	4
TIME	CHAR	CPSM	1	DIFF	No	Parameter represents a timeParameter does not represent a timeParameter does represent a time	30
TIME Input/output valid values	N (NO), Y (YES)						
VALCICSES2	BIT	CPSM	1	LIKE	No	Not valid in CICS/ESA byte 2CICS ESA 630CICS ESA 640CICS ESA 650CICS ESA 660CICS ESA 670	27
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	21
VALCICSESA Input/output valid values	128 (M212), 64 (E330), 32 (E410), 16 (E510), 8 (E520), 4 (E530), 2 (E610), 1 (E620)						
VALCICSOS2	BIT	CPSM	1	LIKE	No	Not valid in CICS/OS2CICS OS/2 201CICS OS/2 300CICS OS/2 310	23
VALCICSOS2 Input/output valid values	128 (O201), 64 (O300), 32 (O311)						
VALCICSVSE	BIT	CPSM	1	LIKE	No	Not valid in CICS/VSECICS/VSE 220CICS/VSE 230CICS/VSE 410	22
VALCICSVSE Input/output valid values	128 (V220), 64 (V230), 32 (V410)						

Table 45. METAPARM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
VALCICSWNT	BIT	CPSM	1	LIKE	No	Not valid in CICS for WindowsCICS for Windows 430CICS for Windows 500	26
VALCICSWNT Input/output valid values	128 (N430), 64 (N500)						
VALUE	BINARY	CPSM	4	AVG	No	Parameter value	12
WLMOWNER	CHAR	CPSM	1	DIFF	No	Workload owner parameter requiredParameter is mandatoryParameter is optional	11
WLMOWNER Input/output valid values	N (NO), Y (YES)						
WORKLOAD	CHAR	CPSM	1	DIFF	No	Workload parameter requiredParameter is mandatoryParameter is optional	10
WORKLOAD Input/output valid values	N (NO), Y (YES)						

MFEPICON Resource Table

A CICS Monitored resource that describes a subset of the FEPI connection attributes sampled by the CICSPlex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD
> Remove the Monitored resource instance.

RESET
> Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length
> 104

Usage   API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Monitored

Table 46. Valid CPSM operations

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

Table 47. MFEPICON FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 48. MFEPICON resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACQSTATUS	CVDAS	INQ	4	LIKE	No	Acquired status	14
ACQSTATUS Output valid values	ACQUIRED, ACQUIRING, RELEASED, RELEASING, INSTALLED, NOTINSTALLED						
ACQUIRES	BINARY	STAT	4	AVG	No	Number of acquires	5
CHARSRECVD	CNUMERIC	STAT	4	AVG	No	Number of characters received	11
CHARSSENT	CNUMERIC	STAT	4	AVG	No	Number of characters sent	10
CONVERSATNS	CNUMERIC	STAT	4	AVG	No	Number of conversations	8
CSACQRATE	RATE	CPSM	4	AVG	No	Acquire rate for current sample	6
ERRORS	CNUMERIC	STAT	4	AVG	No	Number of error conditions	13
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
MIACQRATE	RATE	CPSM	4	AVG	No	Acquire rate for monitor interval	7
`NODENAME-2`	CHAR	INQ	8	DIFF	Yes	Node name	3
POOLNAME	CHAR	STAT	8	DIFF	No	Pool name	4
RECVTIMEOUT	CNUMERIC	STAT	4	AVG	No	Number of receive timeouts	12
SERVSTATUS	CVDAS	INQ	4	LIKE	No	Connection service state	15
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE, GOINGOUT						
STATE	CVDAS	INQ	4	LIKE	No	Conversation status	16
STATE Output valid values	NOCONV, PENDSTSN, STSN, PENDBEGIN, BEGINSESSION, APPLICATION, PENDDATA, PENDSTART, PENDFREE, FREE, PENDRELEASE, RELEASE, PENDUNSOL, UNSOLDATA, PENDPASS						
`TARGETNAME-1`	CHAR	INQ	8	DIFF	Yes	Target name	2
UNSOLICINP	CNUMERIC	STAT	4	AVG	No	Number of unsolicited inputs	9
WAITCONVNUM	BINARY	INQ	4	AVG	No	Number of conversations waiting for connection	17

MINDTDQ Resource Table

A CICS Monitored resource that describes a subset of the indirect transient data queue attributes sampled by the CICSPlex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD
Remove the Monitored resource instance.

RESET
Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length
48

Usage   API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Monitored

Copybook identifier
EYUt1386

Table 49. Valid CPSM operations

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

Table 50. MINDTDQ FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 51. MINDTDQ resource table attributes

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

Table 51. MINDTDQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CUROUTQRATE	RATE	CPSM	4	AVG	No	Output rate for current sample	6
INDIRECTNAME	CHAR	INQ	4	DIFF	No	Indirect queue name	3
INDIRECTTYPE	CVDAS	INQ	4	LIKE	No	Indirect queue type	4
INDIRECTTYPE Output valid values	INTRA, EXTRA, INDIRECT, REMOTE						
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier	1
INTOUTQRATE	RATE	CPSM	4	AVG	No	Output rate for interval	7
OUTCNT	BINARY	STAT	4	SUM	No	Number of READ, WRITE, and DELETE requests	5
`TDQUEUE-1`	CHAR	INQ	4	DIFF	Yes	Queue identifier	2

MJOURNL Resource Table

A CICS Monitored resource that describes a subset of the journal attributes sampled by the CICSPlex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD
> Remove the Monitored resource instance.

RESET
> Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length
> 88

Usage   API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Monitored

Copybook identifier
> EYUt1375

Table 52. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 52. Valid CPSM operations (continued)

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

Table 53. MJOURNL FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 54. MJOURNL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ARCHSUBCNT	CNUMERIC	STAT	4	AVG	No	Number of archives submitted (DISK2 journal only)	10
ARCHWCNT	CNUMERIC	STAT	4	AVG	No	Number of archive waits (DISK2 journal only)	11
AVGSIZE	BINARY	STAT	2	AVG	No	Average block size	15
BLKWRCNT	DECIMAL	STAT	4	SUM	No	Number of blocks written	9
BUFULLCNT	DECIMAL	STAT	3	SUM	No	Number of times buffer full	18
CURFULLPER	PERCENT	CPSM	4	AVG	No	Percentage of time buffer full - current sample	13
CURVOLUME	CHAR	INQ	6	DIFF	No	Current volume (tape journal only)	5
DSOPENCNT	CNUMERIC	STAT	4	AVG	No	Number of data sets opened (DISK2 journal only)	12
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTFULLPER	PERCENT	CPSM	4	AVG	No	Percentage of time buffer full - monitor interval	14
`JOURNALNUM-1`	BINARY	INQ	2	AVG	Yes	Journal number	16
JTYPE	CVDAS	INQ	4	LIKE	No	Journal type	3
JTYPE Output valid values	TAPE1, TAPE2, DISK1, DISK2, DISK2PAUSE, SMF						
LASTVOL	CHAR	STAT	6	DIFF	No	Last volume written (tape journal only)	6
OLDPART	CNUMERIC	INQ	4	AVG	No	Oldest part (tape journal only)	4
OPENSTATUS	CVDAS	INQ	4	LIKE	No	Open status	2
OPENSTATUS Output valid values	OPENOUTPUT, CLOSED						
RECWRCNT	DECIMAL	STAT	5	SUM	No	Number of records written	17
TAPESLFT	CNUMERIC	STAT	2	AVG	No	Number of tapes left	8
TAPESOPEN	CNUMERIC	STAT	2	AVG	No	Number of tapes opened	7

MJRNLNAM Resource Table

A CICS Monitored resource that describes a subset of the journal name attributes sampled by the CICSPlex SM MAS Monitor agents.

Instances of this resource are only presented when monitoring MJRNL class definitions are installed in systems running the CICS TS for z/OS.

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

The following actions are supported:

DISCARD
Remove the Monitored resource instance.

RESET
Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length
80

Usage API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Monitored

Copybook identifier
EYUt1402

Table 55. Valid CPSM operations

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

Table 56. MJRNLNAM FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 57. MJRNLNAM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
`JOURNALNAME-1`	CHAR	INQ	8	DIFF	Yes	Journal name	2
NUMBUFLUSH	CNUMERIC	STAT	4	AVG	No	Number of buffer flush requests	6
NUMBYTES	BINARY	STAT	8	AVG	No	Total number of bytes written	5
NUMWRITES	CNUMERIC	STAT	4	AVG	No	Number of journal writes	4
STREAMNAME	CHAR	INQ	26	DIFF	No	MVS log stream	7
TYPE	CVDAS	INQ	4	LIKE	No	Log stream destination	3
TYPE Output valid values	MVS, SMF, DUMMY						

MLOCFILE Resource Table

A CICS Monitored resource that describes a subset of the local file attributes sampled by the CICSPlex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD
Remove the Monitored resource instance.

RESET
Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length
208

Usage   API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Monitored

Copybook identifier
EYUt1372

Table 58. Valid CPSM operations

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

Table 59. MLOCFILE FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 60. MLOCFILE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACCESSMETHOD	CVDAS	INQ	4	LIKE	No	Access method	4
ACCESSMETHOD Output valid values	VSAM, BDAM						
ADDCNT	BINARY	STAT	4	AVG	No	Number of WRITE requests	17
BLOCKSIZE	CNUMERIC	INQ	4	AVG	No	Block size (BDAM only)	5
BROWSECNT	BINARY	STAT	4	AVG	No	The number of READNEXT and READPREV requests	16
BROWUPDCNT	CNUMERIC	STAT	4	AVG	No	Number of browse for update requests	38
CURDEXCPRATE	RATE	CPSM	4	AVG	No	Rate of data I/O operations for current sample	25
CURIEXCPRATE	RATE	CPSM	4	AVG	No	Rate of index I/O operations for current sample	27
CURREQRATE	RATE	CPSM	4	AVG	No	Request rate for current sample	21
DEXCPCNT	BINARY	STAT	4	AVG	No	Number of I/O operations for data records	23
DSNAME	CHAR	INQ	44	DIFF	No	Data set name	6
ENABLESTATUS	CVDAS	INQ	4	LIKE	No	Enabled status	7
ENABLESTATUS Output valid values	ENABLED, DISABLED, UNENABLED, DISABLING						
`FILE-1`	CHAR	INQ	8	DIFF	Yes	File ID	2
GETCNT	BINARY	STAT	4	AVG	No	Number of READ requests	14
GETUPDCNT	BINARY	STAT	4	AVG	No	Number of READ UPDATE requests	15
IEXCPCNT	BINARY	STAT	4	AVG	No	Number of I/O operations against index component	24
INTDEXCPRATE	RATE	CPSM	4	AVG	No	Rate of data I/O operations for monitor interval	26
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTIEXCPRATE	RATE	CPSM	4	AVG	No	Rate of index I/O operations for monitor interval	28
INTREQRATE	RATE	CPSM	4	AVG	No	Request rate for monitor interval	22

Table 60. MLOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
LOCDELCNT	BINARY	STAT	4	AVG	No	Number of DELETE requests	19
LSRPOOLID	BINARY	INQ	2	MAX	No	LSR Pool number	31
NUMACTSTRING	CNUMERIC	STAT	2	AVG	No	Number of active strings	34
NUMDATBUFF	CNUMERIC	STAT	2	AVG	No	Number of data buffers	32
NUMINDEXBUFF	CNUMERIC	STAT	2	AVG	No	Number of index buffers	33
NUMSTRINGWT	CNUMERIC	STAT	2	AVG	No	Current number of string waits	35
OBJECT	CVDAS	INQ	4	LIKE	No	Data set type (base or path)	8
OBJECT Output valid values	BASE, PATH						
OPENSTATUS	CVDAS	INQ	4	LIKE	No	Open status	9
OPENSTATUS Output valid values	OPEN, CLOSED, OPENING, CLOSING, CLOSEREQUEST						
RECORDSIZE	BINARY	INQ	4	AVG	No	Record size	10
RLSREQWTTO	CNUMERIC	STAT	4	AVG	No	Record level sharing (RLS) request wait timeouts	39
STRINGS	BINARY	INQ	4	AVG	No	Number of strings	11
TIMECLOSE	DECTSTP	STAT	4	MAX	No	Local time file was closed	12
TIMEOPEN	DECTSTP	STAT	4	MAX	No	Local time file was opened	13
TOTLREQCNT	BINARY	STAT	4	AVG	No	Total number of all requests	20
UPDATECNT	BINARY	STAT	4	AVG	No	Number of REWRITE requests	18
VSAMTYPE	CVDAS	INQ	4	LIKE	No	VSAM file type	3
VSAMTYPE Output valid values	ESDS, KSDS, RRDS						
WSTRCCURCNT	BINARY	STAT	4	AVG	No	Peak number of tasks waiting for a string	30
WSTRCNT	BINARY	STAT	4	AVG	No	Total requests queued because all strings in use	29

MLOCTRAN Resource Table

A CICS Monitored resource that describes a subset of the local transaction attributes sampled by the CICSPlex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD
> Remove the Monitored resource instance.

RESET
> Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length
> 1392

Usage API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Monitored

Copybook identifier
> EYUt1380

Table 61. Valid CPSM operations

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

Table 62. MLOCTRAN FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 63. MLOCTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ACTMISMATS	CNUMERIC	STAT	4	AVG	No	Number of action mismatches		146
ALLOCATES	BINARY	CMF	4	AVG	No	Number of TCTTE allocation requests		25
BAACDCCT	BINARY	CMF	4	AVG	No	BTS activity data container requests		193
BAACQPCT	BINARY	CMF	4	AVG	No	BTS acquire process requests		190
BADACTCT	BINARY	CMF	4	AVG	No	BTS define activity requests		185
BADCPACT	BINARY	CMF	4	AVG	No	BTS delete activity and cancel requests		189
BADFIECT	BINARY	CMF	4	AVG	No	BTS define input event requests		196
BADPROCT	BINARY	CMF	4	AVG	No	BTS define process requests		184
BALKPACT	BINARY	CMF	4	AVG	No	BTS link requests		183
BAPRDCCT	BINARY	CMF	4	AVG	No	BTS process data container requests		192

Table 63. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
BARASYCT	BINARY	CMF	4	AVG	No	BTS run asynchronous requests		182
BARATECT	BINARY	CMF	4	AVG	No	BTS retrieve reattach event requests		195
BARMPACT	BINARY	CMF	4	AVG	No	BTS resume requests		188
BARSPACT	BINARY	CMF	4	AVG	No	BTS reset requests		186
BARSYNCT	BINARY	CMF	4	AVG	No	BTS run synchronous requests		181
BASUPACT	BINARY	CMF	4	AVG	No	BTS suspend requests		187
BATIAECT	BINARY	CMF	4	AVG	No	BTS timer associated event requests		197
BATOTCCT	BINARY	CMF	4	AVG	No	BTS total data container requests		194
BATOTECT	BINARY	CMF	4	AVG	No	BTS total event requests		198
BATOTPCT	BINARY	CMF	4	AVG	No	BTS total requests		191
BMSCOUNT	BINARY	CMF	4	AVG	No	Total BMS requests		64
BMSINCNT	BINARY	CMF	4	AVG	No	Number of BMS in requests		62
BMSMAPCNT	BINARY	CMF	4	AVG	No	Number of BMS map requests		61
BMSOUTCNT	BINARY	CMF	4	AVG	No	Number of BMS out requests		63
CDSAGETM	BINARY	CMF	4	AVG	No	CDSA getmains		29
CDSAPSHWM	BINARY	CMF	4	AVG	No	CDSA program storage HWM		45
CDSASHWM	BINARY	CMF	4	AVG	No	CDSA storage HWM		33
CDSASOCC	BINARY	CMF	8	AVG	No	CDSA occupancy		37
CFDTWC	CNUMERIC	CMF	4	AVG	No	CF data table wait count		178
CFDTWT	INT16US	CMF	8	AVG	No	CF data table wait time		177
CHARIN	BINARY	CMF	4	AVG	No	Primary terminal control characters in		18
CHARINSEC	BINARY	CMF	4	AVG	No	Secondary terminal control characters in		22
CHAROUT	BINARY	CMF	4	AVG	No	Primary terminal control characters out		20
CHAROUTSEC	BINARY	CMF	4	AVG	No	Secondary terminal control characters out		24
CHMODECT	BINARY	CMF	4	AVG	No	Dispatcher change modes	E640PLUS	243
CICSWC	CNUMERIC	CMF	4	AVG	No	Wait-CICS count		167
CICSWT	INT16US	CMF	8	AVG	No	Wait-CICS time		166
CPUCNT	BINARY	CMF	4	AVG	No	User task CPU count		88
CPUTIME	INT16US	CMF	8	AVG	No	User task CPU time		73
CTLWC	CNUMERIC	CMF	4	AVG	No	Give up control wait count		171
CTLWT	INT16US	CMF	8	AVG	No	Give up control wait time		170
CURAVGCPUT	INT16US	CPSM	4	MAX	No	Average CPU time for current sample		71
CURAVGRESP	INTMSEC	CPSM	4	MAX	No	Average response time for current sample		13

Table 63. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
CURTRANRATE	RATE	CPSM	4	SUM	No	Transaction rate for current sample		8
DB2CONWC	BINARY	CMF	4	AVG	No	DB2 connection (TCB) count		220
DB2CONWT	INT16US	CMF	8	AVG	No	DB2 Connection wait time		219
DB2RDYQC	BINARY	CMF	4	AVG	No	DB2 ReadyQ wait count		218
DB2RDYQW	INT16US	CMF	8	AVG	No	DB2 ReadyQ wait time		217
DB2REQCT	BINARY	CMF	4	AVG	No	DB2 total number of requests		242
DB2WAIT	INT16US	CMF	8	AVG	No	DB2 request wait time		221
DB2WAITC	BINARY	CMF	4	AVG	No	DB2 request wait count		222
DHCRECT	BINARY	CMF	4	AVG	No	Document create requests		209
DHINSCT	BINARY	CMF	4	AVG	No	Document insert requests		210
DHRETCT	BINARY	CMF	4	AVG	No	Document retrieve requests		212
DHSETCT	BINARY	CMF	4	AVG	No	Document set requests		211
DHTOTCT	BINARY	CMF	4	AVG	No	Document total requests		213
DHTOTDCL	BINARY	CMF	4	AVG	No	Document total length created		214
DISPCNT	BINARY	CMF	4	AVG	No	Task dispatch count		87
DISPTIME	INT16US	CMF	8	AVG	No	Task dispatch time		72
DSPDELAY	INT16US	CMF	8	AVG	No	First dispatch delay		119
DSPDELAYCT	CNUMERIC	CMF	4	AVG	No	First dispatch delay count		128
ECDSAGETM	BINARY	CMF	4	AVG	No	ECDSA getmains		30
ECDSAPSHWM	BINARY	CMF	4	AVG	No	ECDSA program storage HWM		44
ECDSASHWM	BINARY	CMF	4	AVG	No	ECDSA storage HWM		34
ECDSASOCC	BINARY	CMF	8	AVG	No	ECDSA occupancy		38
ENQDELAY	INT16US	CMF	8	AVG	No	Task control enqueue delay time		122
ENQDELAYCT	CNUMERIC	CMF	4	AVG	No	KC enqueue delay count		131
EXTERNWC	CNUMERIC	CMF	4	AVG	No	External wait count		165
EXTERNWT	INT16US	CMF	8	AVG	No	External wait time		164
EXWAIT	INT16US	CMF	8	AVG	No	Exception wait time		76
EXWAITCNT	CNUMERIC	CMF	4	AVG	No	Exception wait count		91
FCADDCNT	BINARY	CMF	4	AVG	No	Number of file adds		49
FCAMCNT	BINARY	CMF	4	AVG	No	Number of access method requests		52
FCBRWCNT	BINARY	CMF	4	AVG	No	Number of file browses		48
FCCOUNT	BINARY	CMF	4	AVG	No	Total file control requests		51
FCDELCNT	BINARY	CMF	4	AVG	No	Number of file deletes		50
FCGETCNT	BINARY	CMF	4	AVG	No	Number of file gets		46
FCIOCNT	BINARY	CMF	4	AVG	No	File control I/O wait count		93
FCIOTIME	INT16US	CMF	8	AVG	No	File control I/O wait time		78
FCPUTCNT	BINARY	CMF	4	AVG	No	Number of file puts		47
FORACTINDTO	CNUMERIC	STAT	4	AVG	No	Force actions due to indoubt		142

Table 63. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
FORACTNOWT	CNUMERIC	STAT	4	AVG	No	Force actions due to no wait		143
FORACTOPER	CNUMERIC	STAT	4	AVG	No	Force actions due to operator		144
FORACTOTHER	CNUMERIC	STAT	4	AVG	No	Force actions due to other		145
FORACTTRNDF	CNUMERIC	STAT	4	AVG	No	Force actions due to transaction definition		141
GNQDELAC	BINARY	CMF	4	AVG	No	Sysplex-wide enqueue delay count		249
GNQDELAY	INT16US	CMF	8	AVG	No	Sysplex-wide enqueue delay time		248
ICCOUNT	BINARY	CMF	4	AVG	No	Interval control requests		69
ICTOTCNT	BINARY	CMF	4	AVG	No	Total interval control requests		174
IMSREQCT	BINARY	CMF	4	AVG	No	IMS total number of requests		241
IMSWAIT	INT16US	CMF	8	AVG	No	IMS request wait time		215
IMSWAITC	BINARY	CMF	4	AVG	No	IMS request wait count		216
INTAVGCPUT	INT16US	CPSM	4	MAX	No	Average CPU time for interval		84
INTAVGRESP	INTMSEC	CPSM	4	MAX	No	Average response time for interval		16
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier		1
INTTRANRATE	RATE	CPSM	4	SUM	No	Transaction rate for interval		9
INTVLWC	CNUMERIC	CMF	4	AVG	No	Interval control wait count		169
INTVLWT	INT16US	CMF	8	AVG	No	Interval control wait time		168
IRIOCNT	BINARY	CMF	4	AVG	No	Interregion I/O count		96
IRIOTIME	INT16US	CMF	8	AVG	No	Interregion I/O wait		81
ISOLATEST	CVDAS	INQ	4	LIKE	No	Isolation status		98
ISOLATEST Output valid values	ISOLATE, NOISOLATE							
J8CPUC	BINARY	CMF	4	AVG	No	J8 TCB mode CPU count		238
J8CPUT	INT16US	CMF	8	AVG	No	J8 TCB mode CPU time		237
JCIOCNT	BINARY	CMF	4	AVG	No	Journal control I/O wait count		94
JCIOTIME	INT16US	CMF	8	AVG	No	Journal control I/O wait time		79
JCUSRWCNT	BINARY	CMF	4	AVG	No	Journal output requests		68
JNLWRTCT	CNUMERIC	CMF	4	AVG	No	Journal write requests		154
JVMSUSP	INT16US	CMF	8	AVG	No	Total JVM suspend time		256
JVMSUSPC	BINARY	CMF	4	AVG	No	Total JVM suspend time count		257
JVMTIME	INT16US	CMF	8	AVG	No	Total JVM elapsed time		254
JVMTIMEC	BINARY	CMF	4	AVG	No	Total JVM elapsed time count		255
L8CPUC	BINARY	CMF	4	AVG	No	L8 TCB mode CPU count		236
L8CPUT	INT16US	CMF	8	AVG	No	L8 TCB mode CPU time		235

Table 63. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
LOCALCNT	CNUMERIC	STAT	4	AVG	No	Times local dynamic routing exit ran transaction		12
LOCKMWC	CNUMERIC	CMF	4	AVG	No	Lock manager wait count		161
LOCKMWT	INT16US	CMF	8	AVG	No	Lock manager wait time		160
LOGWRTCT	CNUMERIC	CMF	4	AVG	No	CICS logger write requests		155
LU61WTT	INT16US	CMF	8	AVG	No	LU6.1 I/O wait time		123
LU61WTTCT	CNUMERIC	CMF	4	AVG	No	LU6.1 I/O wait count		132
LU62WTT	INT16US	CMF	8	AVG	No	LU6.2 I/O wait time		124
LU62WTTCT	CNUMERIC	CMF	4	AVG	No	LU6.2 I/O wait count		133
MSCPUC	BINARY	CMF	4	AVG	No	Other TCB mode CPU count		234
MSCPUT	INT16US	CMF	8	AVG	No	Other TCB mode CPU time		233
MSDISPC	BINARY	CMF	4	AVG	No	Other TCB mode dispatch count		232
MSDISPT	INT16US	CMF	8	AVG	No	Other TCB mode dispatch time		231
MSGIN	BINARY	CMF	4	AVG	No	Primary terminal control messages in		17
MSGINSEC	BINARY	CMF	4	AVG	No	Secondary terminal control messages in		21
MSGOUT	BINARY	CMF	4	AVG	No	Primary terminal control messages out		19
MSGOUTSEC	BINARY	CMF	4	AVG	No	Secondary terminal control messages out		23
MXTDELAY	INT16US	CMF	8	AVG	No	First dispatch delay		121
MXTDELAYCT	CNUMERIC	CMF	4	AVG	No	First dispatch delay MXT count		130
MXTOTDLC	BINARY	CMF	4	AVG	No	Maximum open TCB delay count		224
MXTOTDLY	INT16US	CMF	8	AVG	No	Maximum open TCB delay time		223
NUMINDOUBWT	CNUMERIC	STAT	4	AVG	No	Number of indoubt waits		140
PC24RHWM	CNUMERIC	CMF	4	AVG	No	R/O program storage HWM below 16M		106
PC24SHWM	CNUMERIC	CMF	4	AVG	No	Shared program storage HWM below 16M		108
PC31SHWM	CNUMERIC	CMF	4	AVG	No	Shared program storage HWM above 16M		107
PCDPLCT	BINARY	CMF	4	AVG	No	Distributed program links		245
PCLINKCNT	BINARY	CMF	4	AVG	No	Number of program links		65
PCLOADCNT	BINARY	CMF	4	AVG	No	Number of program loads		67
PCLOADTM	INT16US	CMF	8	AVG	No	Program fetch wait time		83
PCLOADWCNT	CNUMERIC	CMF	4	AVG	No	Program fetch wait count		175
PCLURMCT	BINARY	CMF	4	AVG	No	Link URM count		176
PCXCTLCNT	BINARY	CMF	4	AVG	No	Number of program XCTLs		66
PERRECNT	CNUMERIC	CMF	4	AVG	No	Performance record count		147
PRIORITY	BINARY	CMF	4	AVG	No	Transaction priority		85

Table 63. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
PROGRAM	CHAR	CMF	8	DIFF	No	First program		86
PSTG24HWM	BINARY	CMF	4	AVG	No	Program storage HWM below 16M		40
PSTG31HWM	BINARY	CMF	4	AVG	No	Program storage HWM above 16M		41
PSTGHWM	BINARY	CMF	4	AVG	No	Program storage HWM		39
QRCPUC	BINARY	CMF	4	AVG	No	QR TCB mode CPU count		230
QRCPUT	INT16US	CMF	8	AVG	No	QR TCB mode CPU time		229
QRDISPC	BINARY	CMF	4	AVG	No	QR TCB mode dispatch count		228
QRDISPT	INT16US	CMF	8	AVG	No	QR TCB mode dispatch time		227
QRMODDLC	BINARY	CMF	4	AVG	No	QR TCB mode delay count		226
QRMODDLY	INT16US	CMF	8	AVG	No	QR TCB mode delay time		225
REMOTECNT	CNUMERIC	STAT	4	AVG	No	Number of times run remotely by routing exit		99
REMSTARTCNT	CNUMERIC	STAT	4	AVG	No	Remote start count		100
RESPONSE	INTMSEC	CMF	8	AVG	No	Cumulative response time		15
RESTARTCNT	BINARY	STAT	4	AVG	No	Times restarted		6
RLSCPUCNT	CNUMERIC	CMF	4	AVG	No	RLS CPU time monitor count		163
RLSCPUT	INT16US	CMF	8	AVG	No	RLS SRB CPU time		162
RLSWAIT	INT16US	CMF	8	AVG	No	Total times waited for RLS I/O		158
RLSWAITCNT	CNUMERIC	CMF	4	AVG	No	Task suspend count		159
RMISUSP	INT16US	CMF	8	AVG	No	Total RMI suspend time		126
RMISUSPCT	CNUMERIC	CMF	4	AVG	No	Total RMI suspend count		135
RMITIME	INT16US	CMF	8	AVG	No	Total RMI elapsed time		125
RMITIMECT	CNUMERIC	CMF	4	AVG	No	Total RMI elapsed count		134
RRMSWAIC	BINARY	CMF	4	AVG	No	RRMS/MVS syncpoint delay count		253
RRMSWAIT	INT16US	CMF	8	AVG	No	RRMS/MVS syncpoint delay time		252
RSYSID	CHAR	CMF	4	DIFF	No	Remote system identifier		101
RUNTRWTC	BINARY	CMF	4	AVG	No	Run synchronous transaction wait count		200
RUNTRWTT	INT16US	CMF	8	AVG	No	Run synchronous transaction wait time		199
S8CPUC	BINARY	CMF	4	AVG	No	S8 TCB mode CPU count		240
S8CPUT	INT16US	CMF	8	AVG	No	S8 TCB mode CPU time		239
SC24FSHR	CNUMERIC	CMF	4	AVG	No	Shared storage bytes freed below 16M		150
SC24GSHR	CNUMERIC	CMF	4	AVG	No	Shared storage bytes get below 16M		149
SC24SGCT	CNUMERIC	CMF	4	AVG	No	Shared storage requests below 16M		148
SC31FSHR	CNUMERIC	CMF	4	AVG	No	Shared storage bytes freed above 16M		153

Table 63. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SC31GSHR	CNUMERIC	CMF	4	AVG	No	Shared storage bytes get above 16M		152
SC31SGCT	CNUMERIC	CMF	4	AVG	No	Shared storage getmain above 16M		151
SHDTSWC	CNUMERIC	CMF	4	AVG	No	Shared temporary storage wait count		173
SHDTSWT	INT16US	CMF	8	AVG	No	Shared temporary storage wait time		172
SOBYDECT	BINARY	CMF	4	AVG	No	Socket bytes decrypted		247
SOBYENCT	BINARY	CMF	4	AVG	No	Socket bytes encrypted		246
SOIOWTC	BINARY	CMF	4	AVG	No	Sockets I/O wait count		251
SOIOWTT	INT16US	CMF	8	AVG	No	Sockets I/O wait time		250
SRVSPWC	CNUMERIC	CMF	4	AVG	No	CF data-table-server syncpoint wait count		180
SRVSPWT	INT16US	CMF	8	AVG	No	CF server syncpoint wait time		179
STATUS	CVDAS	INQ	4	LIKE	No	Enabled status		4
STATUS Output valid values	ENABLED, DISABLED							
STGVCNT	BINARY	STAT	4	AVG	No	Number of storage violations		10
SUSPCNT	BINARY	CMF	4	AVG	No	Task suspend count		89
SUSPTIME	INT16US	CMF	8	AVG	No	Task suspend time		74
SYNCCOUNT	BINARY	CMF	4	AVG	No	Syncpoint requests		70
SYNCDLY	INT16US	CMF	8	AVG	No	Waiting for parent syncpoint delay time		201
SYNCDLYC	BINARY	CMF	4	AVG	No	Waiting for parent syncpoint delay count		202
SYNCTIMCNT	CNUMERIC	CMF	4	AVG	No	Total times processed syncpoint request		157
SYNCTIME	INT16US	CMF	8	AVG	No	Syncpoint wait time		156
SZALLCTO	CNUMERIC	CMF	4	AVG	No	FEPI allocate timeouts		115
SZALLOCT	CNUMERIC	CMF	4	AVG	No	FEPI allocates		109
SZCHRIN	CNUMERIC	CMF	4	AVG	No	FEPI characters received		114
SZCHROUT	CNUMERIC	CMF	4	AVG	No	FEPI characters sent		113
SZRCVCT	CNUMERIC	CMF	4	AVG	No	FEPI receives		110
SZRCVTO	CNUMERIC	CMF	4	AVG	No	FEPI receive timeouts		116
SZSENDCT	CNUMERIC	CMF	4	AVG	No	FEPI sends		111
SZSTRTCT	CNUMERIC	CMF	4	AVG	No	FEPI starts		112
SZTOTCT	CNUMERIC	CMF	4	AVG	No	Total FEPI requests		117
SZWAIT	INT16US	CMF	8	AVG	No	FEPI suspend time		118
SZWAITCT	CNUMERIC	CMF	4	AVG	No	FEPI suspend time count		127
TCBATTCT	BINARY	CMF	4	AVG	No	Dispatcher TCB attaches		244
TCC62IN2	CNUMERIC	CMF	4	AVG	No	LU6.2 Secondary terminal control chars in		103
TCC62OU2	CNUMERIC	CMF	4	AVG	No	LU6.2 secondary terminal control chars out		105

Table 63. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TCIOCNT	BINARY	CMF	4	AVG	No	Terminal control I/O wait count		92
TCIOTIME	INT16US	CMF	8	AVG	No	Terminal control I/O wait time		77
TCLDELAY	INT16US	CMF	8	AVG	No	First dispatch delay - transaction class		120
TCLDELAYCT	CNUMERIC	CMF	4	AVG	No	First dispatch delay count		129
TCM62IN2	CNUMERIC	CMF	4	AVG	No	LU6.2 secondary terminal control messages in		102
TCM62OU2	CNUMERIC	CMF	4	AVG	No	LU6.2 secondary terminal control messages out		104
TDCOUNT	BINARY	CMF	4	AVG	No	Total transient data requests		56
TDGETCNT	BINARY	CMF	4	AVG	No	Number of transient data gets		53
TDIOCNT	BINARY	CMF	4	AVG	No	Transient data I/O count		97
TDIOTIME	INT16US	CMF	8	AVG	No	Transient data I/O wait time		82
TDPURCNT	BINARY	CMF	4	AVG	No	Number of transient data purges		55
TDPUTCNT	BINARY	CMF	4	AVG	No	Number of transient data puts		54
TERMID	CHAR	INQ	4	DIFF	No	Terminal identifier		3
TERMSTG	CNUMERIC	CMF	4	AVG	No	Terminal storage	E410PLUS	26
TMRDSCWT	INT16US	CMF	8	AVG	No	MVS DS storage constraint wait time		258
TRANCLASS	CHAR	INQ	8	DIFF	No	Transaction class name		5
`TRANID-1`	CHAR	INQ	4	DIFF	Yes	Transaction		2
TSCOUNT	BINARY	CMF	4	AVG	No	Total temporary storage requests		60
TSGETCNT	BINARY	CMF	4	AVG	No	Number of temporary storage gets		57
TSIOCNT	BINARY	CMF	4	AVG	No	Temporary storage I/O wait count		95
TSIOTIME	INT16US	CMF	8	AVG	No	Temporary storage I/O wait time		80
TSPUTACNT	BINARY	CMF	4	AVG	No	Number of TS puts to auxiliary storage		58
TSPUTMCNT	BINARY	CMF	4	AVG	No	Number of TS puts to main storage		59
USECOUNT	BINARY	STAT	4	SUM	No	Times used		7
USRP24HWM	BINARY	CMF	4	AVG	No	Program storage HWM below 16M		43
USRP31HWM	BINARY	CMF	4	AVG	No	Program storage HWM above 16M		42
USTG24CNT	BINARY	CMF	4	AVG	No	Number of user getmains below 16M		27
USTG24HWM	BINARY	CMF	4	AVG	No	User task storage HWM below 16M		31
USTG24OCC	BINARY	CMF	8	AVG	No	User task storage occupancy below 16M		35

Table 63. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
USTG31CNT	BINARY	CMF	4	AVG	No	Number of user getmains above 16M		28
USTG31HWM	BINARY	CMF	4	AVG	No	User task storage HWM above 16M		32
USTG31OCC	BINARY	CMF	8	AVG	No	User task storage occupancy above 16M		36
WAITCNT	CNUMERIC	CMF	4	AVG	No	Dispatch wait count		90
WAITTIME	INT16US	CMF	8	AVG	No	Dispatch wait time		75
WBCHRIN	BINARY	CMF	4	AVG	No	WEB characters received		204
WBCHROUT	BINARY	CMF	4	AVG	No	WEB characters sent		206
WBRCVCT	BINARY	CMF	4	AVG	No	WEB receive requests		203
WBREPWCT	BINARY	CMF	4	AVG	No	WEB repository writes		208
WBSENDCT	BINARY	CMF	4	AVG	No	WEB send requests		205
WBTOTCT	BINARY	CMF	4	AVG	No	WEB total requests		207

MLSRPBUF Resource Table

A CICS Monitored resource that describes a subset of the LSR pool buffer attributes sampled by the CICSPlex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD
Remove the Monitored resource instance.

RESET
Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length
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 Monitored

Table 64. Valid CPSM operations

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

Table 65. MLSRPBUF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 66. MLSRPBUF resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
COUNT	BINARY	STAT	2	AVG	No	Number of buffers	20
CREADS	BINARY	STAT	4	AVG	No	Number of successful hiperspace CREADs	8
CURHREADRATE	RATE	CPSM	4	AVG	No	Hiperspace read rate for current sample	18
CURHWRITRATE	RATE	CPSM	4	AVG	No	Hiperspace write rate for current sample	16
CURREADRATE	RATE	CPSM	4	AVG	No	Read rate for current sample	14
CURWRITRATE	RATE	CPSM	4	AVG	No	Write rate for current sample	12
CWRITES	BINARY	STAT	4	AVG	No	Number of successful hiperspace CWRITEs	9
FAILCREADS	BINARY	STAT	4	AVG	No	Number of failed hiperspace CREADs	10
FAILCWRITES	BINARY	STAT	4	AVG	No	Number of failed hiperspace CWRITEs	11
HIPERBUFF	BINARY	STAT	4	AVG	No	Number of hiperspace buffers	3
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier	1
INTHREADRATE	RATE	CPSM	4	AVG	No	Hiperspace read rate for interval	19
INTHWRITRATE	RATE	CPSM	4	AVG	No	Hiperspace write rate for interval	17
INTREADRATE	RATE	CPSM	4	AVG	No	Read rate for interval	15
INTWRITRATE	RATE	CPSM	4	AVG	No	Write rate for interval	13
LOOKASIDES	BINARY	STAT	4	AVG	No	Number of successful lookasides	4
NONUWRITE	BINARY	STAT	4	AVG	No	Number of non-user initiated writes	7
`POOLSIZETYPE-1`	CHAR	STAT	9	DIFF	Yes	Pool identifier, buffer size, buffer type	2
READS	BINARY	STAT	4	AVG	No	Number of buffer reads	5

Table 66. MLSRPBUF resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
USERIWRITE	BINARY	STAT	4	AVG	No	Number of user initiated writes	6

MLSRPOOL Resource Table

A CICS Monitored resource that describes a subset of the LSR pool attributes sampled by the CICSPlex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD
Remove the Monitored resource instance.

RESET
Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length
208

Usage   API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Monitored

Copybook identifier
EYUt1374

Table 67. Valid CPSM operations

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

Table 68. MLSRPOOL FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 69. MLSRPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CREATETIME	DECTSTP	STAT	4	MAX	No	Local create time	2
CURDBHITRATE	RATE	CPSM	4	AVG	No	Data buffer lookaside rate for current sample	19
CURDHREARATE	RATE	CPSM	4	AVG	No	Data buffer CREAD rate for current sample	27
CURDHWRIRATE	RATE	CPSM	4	AVG	No	Data buffer CWRITE rate for current sample	25
CURDREADRATE	RATE	CPSM	4	AVG	No	Data buffer read rate for current sample	23
CURDWRITRATE	RATE	CPSM	4	AVG	No	Data buffer write rate for current sample	21
CURIBHITRATE	RATE	CPSM	4	AVG	No	Index buffer lookaside rate for current sample	39
CURIHREARATE	RATE	CPSM	4	AVG	No	Index buffer CREAD rate for current sample	47
CURIHWRIRATE	RATE	CPSM	4	AVG	No	Index buffer CWRITE rate for current sample	45
CURIREADRATE	RATE	CPSM	4	AVG	No	Index buffer read rate for current sample	43
CURIWRITRATE	RATE	CPSM	4	AVG	No	Index buffer write rate for current sample	41
DBLOOKASIDE	BINARY	STAT	4	AVG	No	Number of successful lookasides to data buffers	11
DBNUWRITE	BINARY	STAT	4	AVG	No	Number of non user-initiated data buffer writes	14
DBREAD	BINARY	STAT	4	AVG	No	Number of read I/Os to data buffers	12
DBUFFCNT	BINARY	STAT	4	AVG	No	Number of data buffers	9
DBUIWRITE	BINARY	STAT	4	AVG	No	Number of user-initiated data buffer writes	13
DCREAD	BINARY	STAT	4	AVG	No	Number of successful data buffer CREAD requests	15
DCWRITE	BINARY	STAT	4	AVG	No	Number of successful data buffer CWRITE requests	16
DELETETIME	DECTSTP	STAT	4	MAX	No	Local delete time	3
DFAILCREAD	BINARY	STAT	4	AVG	No	Number of failed data buffer CREAD requests	17
DFAILCWRITE	BINARY	STAT	4	AVG	No	Number of failed data buffer CWRITE requests	18
DHIPERBUF	BINARY	STAT	4	AVG	No	Number of Hiperspace data buffers	10
IBLOOKASIDE	BINARY	STAT	4	AVG	No	Number of lookaside index buffer reads	31
IBNUWRITE	BINARY	STAT	4	AVG	No	Number of non user-initiated index buffer writes	34
IBREADS	BINARY	STAT	4	AVG	No	Total number of index buffer reads	32
IBUFFCNT	BINARY	STAT	4	AVG	No	Number of index buffers	29

Table 69. MLSRPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
IBUIWRITE	BINARY	STAT	4	AVG	No	Number of user-initiated index buffer writes	33
ICREAD	BINARY	STAT	4	AVG	No	Number of successful index buffer CREAD requests	35
ICWRITE	BINARY	STAT	4	AVG	No	Number of successful index buffer CWRITE requests	36
IDHIPERBUF	BINARY	STAT	4	AVG	No	Number of Hiperspace index buffers	30
IDXDATFLG	BIT	STAT	1	LIKE	No	Separate data and index flag	50
IFAILCREAD	BINARY	STAT	4	AVG	No	Number of failed index buffer CREAD requests	37
IFAILCWRITE	BINARY	STAT	4	AVG	No	Number of failed index buffer CWRITE requests	38
INTDBHITRATE	RATE	CPSM	4	AVG	No	Data buffer lookaside rate for monitor interval	20
INTDHREARATE	RATE	CPSM	4	AVG	No	Data buffer CREAD rate for monitor interval	28
INTDHWRIRATE	RATE	CPSM	4	AVG	No	Data buffer CWRITE rate for monitor interval	26
INTDREADRATE	RATE	CPSM	4	AVG	No	Data buffer read rate for monitor interval	24
INTDWRITRATE	RATE	CPSM	4	AVG	No	Data buffer write rate for monitor interval	22
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTIBHITRATE	RATE	CPSM	4	AVG	No	Index buffer lookaside rate for monitor interval	40
INTIHREARATE	RATE	CPSM	4	AVG	No	Index buffer CREAD rate for monitor interval	48
INTIHWRIRATE	RATE	CPSM	4	AVG	No	Index buffer CWRITE rate for monitor interval	46
INTIREADRATE	RATE	CPSM	4	AVG	No	Index buffer read rate for monitor interval	44
INTIWRITRATE	RATE	CPSM	4	AVG	No	Index buffer write rate for monitor interval	42
`LSRPOOLID-1`	BINARY	STAT	2	AVG	Yes	LSR pool number	7
MAXCCURSTR	BINARY	STAT	2	AVG	No	Peak number of concurrent active strings	49
MAXKEYLEN	BINARY	STAT	2	AVG	No	Maximum key length	4
PEAKWAITREQ	BINARY	STAT	2	AVG	No	Peak number of requests waiting	6
TOTSTRINGS	BINARY	STAT	2	AVG	No	Total number of strings	5
TOTWAITREQ	BINARY	STAT	4	AVG	No	Total number of string waits	8

MMODNAME Resource Table

A CICS Monitored resource that describes a subset of the modename attributes sampled by the CICSPlex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD
> Remove the Monitored resource instance.

RESET
> Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length
> 48

Usage API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Monitored

Copybook identifier
> EYUt1376

Table 70. Valid CPSM operations

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

Table 71. MMODNAME FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 72. MMODNAME resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
`CONNECTION-1`	CHAR	INQ	4	DIFF	Yes	Connection name	3
CONNSTATUS	CVDAS	INQ	4	LIKE	No	Connection status	4
CONNSTATUS Output valid values	RELEASED, OBTAINING, ACQUIRED, FREEING, AVAILABLE						
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
`NAME-2`	CHAR	INQ	8	DIFF	Yes	Mode name	2
SESSACTV	BINARY	INQ	2	SUM	No	Number of active sessions	5

Table 72. MMODNAME resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SESSAVAIL	BINARY	INQ	2	SUM	No	Number of sessions available	6
SESSMAX	BINARY	INQ	2	MAX	No	Maximum number of sessions	7
SESSMAXWIN	CNUMERIC	INQ	2	MAX	No	Maximum number of contention winner sessions	8

MNTRATDQ Resource Table

A CICS Monitored resource that describes a subset of the intrapartition transient data queue attributes sampled by the CICSPlex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD
Remove the Monitored resource instance.

RESET
Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length
72

Usage   API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Monitored

Copybook identifier
EYUt1385

Table 73. Valid CPSM operations

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

Table 74. MNTRATDQ FEEDBACK error codes

Value Code	Description	Value Code	Description

Table 74. MNTRATDQ FEEDBACK error codes (continued)

9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 75. MNTRATDQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ATIFACILITY	CVDAS	INQ	4	LIKE	No	ATI facility	3
ATIFACILITY Output valid values	TERMINAL, NOTERMINAL						
ATITERMID	CHAR	INQ	4	DIFF	No	ATI terminal identifier	4
ATITRANID	CHAR	INQ	4	DIFF	No	ATI transaction identifier	5
ATIUSERID	CHAR	INQ	8	DIFF	No	ATI user identifier	12
CUROUTQRATE	RATE	CPSM	4	AVG	No	Output rate for current sample	10
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier	1
INTOUTQRATE	RATE	CPSM	4	AVG	No	Output rate for interval	11
NUMITEMS	BINARY	INQ	4	SUM	No	Number of items	7
OUTCNT	BINARY	STAT	4	SUM	No	Number of READ, WRITE, and DELETE requests	9
STATUS	CVDAS	INQ	4	LIKE	No	Enable status	6
STATUS Output valid values	ENABLED, DISABLED						
`TDQUEUE-1`	CHAR	INQ	4	DIFF	Yes	Queue identifier	2
TRIGGERLEVEL	BINARY	INQ	4	MAX	No	Trigger level	8

MODENAME Resource Table

A CICS Resource that describes an LU6.2 modename in an active CICS system being managed by CICSPlex SM.

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

The following actions are supported:

ACQUIRE
Acquire a modename.

CLOSE
Close a modename.

These actions require no unique parameter data.

External resource name
CICSLU62ModeName

Length
48

Usage API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0007

Table 76. Valid CPSM operations

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

Table 77. MODENAME resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
AUTOCONN	CVDAS	INQ	4	LIKE	No	Autoconnect status	3
AUTOCONN Output valid values	ALLCONN, AUTOCONN, NONAUTOCONN						
`CONNECTION-1`	CHAR	INQ	4	DIFF	Yes	Connection name	2
CONNSTATUS	CVDAS	INQ	4	LIKE	Yes	Connection status	4
CONNSTATUS Input/output valid values	ACQUIRED						
CONNSTATUS Input valid values	CLOSED						
CONNSTATUS Output valid values	RELEASED, OBTAINING, FREEING, AVAILABLE						
`NAME-2`	CHAR	INQ	8	DIFF	Yes	Mode name	1
SESSACTV	BINARY	INQ	2	AVG	No	Number of active sessions	5
SESSAVAIL	BINARY	INQ	2	AVG	Yes	Number of sessions available	6
SESSMAX	BINARY	INQ	2	AVG	No	Maximum number of sessions	7
SESSMAXWIN	BINARY	INQ	2	AVG	No	Maximum number of contention winner sessions	8

MONDEF Resource Table

A CPSM Monitor Definition that describes the monitoring requirements for a class of CICS resources. Monitoring requirements include both CICSPlex SM resource and resource status facility status monitoring. The resource class and name selection criteria are identified by the attribute values.

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

The following action is supported:

INSTALL

Install the definition into each active CICS system that has monitoring active within the specified scope. If provided the PERIODEF is used to determine the valid operational time of the MONDEF.

The parameter data for the INSTALL action is:

```
PARM('[PERIOD(period)].')

    where:

    period = The name of a PERIODEF definition.
```

The MONDEF is installed in each active CICS system in the current scope that has Monitoring active. If provided, the PERIODEF definition is used to determine the valid operational time of the MONDEF.

External resource name
CICSMonitorDefinition

Length
128

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
EYUt3510

Table 78. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	PERIOD(value)	No
		SCOPE(value)	No
	ADDTOGRP	ACTIVETIME(value)	No
		RESGROUP(value)	Yes

Table 79. MONDEF FEEDBACK error codes

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

Table 79. MONDEF FEEDBACK error codes (continued)

3	INV_REFERENCE	Name not found	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	21	PARTIAL_INSTALL	Partial install
22	MON_OFF	Monitoring off	23	NOT_INSTALLED	Not installed
24	INV_PERIOD	Period invalid			

Table 80. MONDEF 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			17
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			19
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			18
DESC	CHAR	CPSM	58	No	DIFF	No	Description			9
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	16
INCLUDE	EYUDA	CPSM	4	Yes	LIKE	No	Inclusion in CPSM monitoring option	YES		8
INCLUDE Input/output valid values	YES, NO									
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name			5
RESCLASS	EYUDA	CPSM	4	Yes	LIKE	No	Monitoring resource class			7
RESCLASS Input/output valid values	MCONN, MFILE, MJRNL, MPROG, MTERM, MTRAN, MTDQS									
RESNAME	CHAR	CPSM	8	Yes	DIFF	No	Name or generic name of resource being monitored			6
RODMPOP	EYUDA	CPSM	4	Yes	LIKE	No	Resource status facility population	NO		11
RODMPOP Input/output valid values	YES, NO									

MONGROUP Resource Table

A CPSM Monitor Definition that provides the association anchor for a set of MONDEF definitions. References to the MONGROUP are inferred to be references to the set of associated MONDEF instances.

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

The following action is supported:

INSTALL

Install the set of MONDEF definitions in the group into each active CICS system that has monitoring active within the specified scope.

The INSTALL action requires no unique parameter data.

The set of MONDEFs is installed in each active CICS system in the current scope that has Monitoring active.

External resource name

CICSMonitorGroup

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

EYUt3504

Table 81. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	SCOPE(value)	No
	ADDTOSPC	SPEC(value)	Yes

Table 82. MONGROUP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REF	Name not found	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	21	PARTIAL_INSTALL	Partial install
22	MON_OFF	Monitoring off	23	NOT_INSTALLED	Not installed
24	NOT_UNIQUE	Not unique			

Table 83. MONGROUP resource table attributes

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

MONINGRP Resource Table

A CPSM Monitor Definition that describes the membership of a monitor definition (MONDEF) in a monitor group (MONGROUP). A MONDEF can be a member of multiple MONGROUPs.

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

There are no object specific actions for this resource class.

External resource name
> CICSMonitorResourceInGroup

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
> EYUt5380

Table 84. Valid CPSM operations

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

Table 84. Valid CPSM operations (continued)

UPDATE	None	N/A
REMOVE	None	N/A

Table 85. MONINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed			

Table 86. MONINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
ACTIVETIME	CHAR	CPSM	8	No	DIFF	No	Period definition	7
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
`DEFNAME-2`	CHAR	CPSM	8	Yes	DIFF	Yes	Monitor definition	6
`GROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Monitor group	5

MONINSPC Resource Table

A CPSM Monitor Definition that describes the membership of a monitor group (MONGROUP) in a monitor specification (MONSPEC). A MONGROUP can be a member of multiple MONSPECs.

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

There are no object specific actions for this resource class.

External resource name
> CICSMonitorGroupInSpecification

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
  EYUt5121

Table 87. Valid CPSM operations

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

Table 88. MONINSPC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
2	REC_NOT_FOUND	Requested resource not found	3	INV_REFERENCE	Attribute references an invalid resource
4	REC_EXISTS	Resource already exists			

Table 89. MONINSPC resource table attributes

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

MONITOR Resource Table

This CICS resource provides CICS monitoring and statistics information in an active system being managed by CICSPlex SM.

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

This resource class has no object specific actions.

External resource name
  CICSMonitoringAndStatistics

Length
  288

Usage API or CICS Management Client Interface or EVALDEF

API view
>Yes

CMAS context
>No

SCOPE applies
>Yes

Only query CMASs in workload
>No

Object type
>CICS Resource

Copybook identifier
>EYUt0125

Table 90. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	STATISTICS	ALL	No
		ATOMSERVICE	No
		AUTOINSTALL	No
		BEAN	No
		BUNDLE	No
		CAPTURESPEC	No
		CONNECTION	No
		CORBASERVER	No
		DB2	No
		DISPATCHER	No
		DOCTEMP	No
		ENQUEUE	No
		EVENTBINDING	No
		EVENTPROCESS	No
		FEPI	No
		FILE	No
		IPCONN	No
		JOURNAL	No
		JVMPOOL	No
		JVMPROFILE	No
		JVMPROGRAM	No
		JVMSERVER	No
		LIBRARY	No
		LSRPOOL	No
		MONITOR	No
		MQCONN	No
		PIPELINE	No
		PROGAUTOINS	No
		PROGRAM	No
		PROGRAMDEF	No
		RECOVERY	No
		REQUESTMODEL	No
		RESETNOW	No
		STATISTICS	No
		STORAGE	No
		STREAMNAME	No

Table 90. Valid CPSM operations (continued)

	SYSDUMP	No
	TABLEMGR	No
	TCPIP	No
	TCPIPSERVICE	No
	TEMPSTOR	No
	TERMINAL	No
	TRANCLASS	No
	TRANDATA	No
	TRANDUMP	No
	TRANSACTION	No
	URIMAP	No
	VTAM	No
	WEBSERVICE	No
	XMLTRANSFORM	No

Table 91. MONITOR FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	_RESOURCE_REQUIRED	Resource required			

Table 92. MONITOR resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
APPLNAMEST	CVDAS	INQ	4	LIKE	No	Application naming option		59
APPLNAMEST Output valid values	NOAPPLNAME, APPLNAME							
COMPRESSST	CVDAS	INQ	4	LIKE	Yes	Compression status option		61
COMPRESSST Input/output valid values	COMPRESS, NOCOMPRESS							
CONVERSEST	CVDAS	INQ	4	LIKE	Yes	Performance record for conversational task option		1
CONVERSEST Input/output valid values	CONVERSE, NOCONVERSE							
DPLLIMIT	BINARY	INQ	2	SUM	Yes	Distributed program link limit	E640 E650	62
ENDOFDAY	DECIMAL	INQ	4	MAX	Yes	Statistics end-of-day time		38
EXCEPTCLASS	CVDAS	INQ	4	LIKE	Yes	Exception class status		2
EXCEPTCLASS Input/output valid values	EXCEPT, NOEXCEPT							
FILELIMIT	BINARY	INQ	2	SUM	Yes	File resource limit	E640 E650	57
FREQUENCY	DECIMAL	INQ	4	MAX	Yes	Long-running task performance record frequency		3
IDNTYCLASS	CVDAS	INQ	4	LIKE	Yes	Identity class status	E640 E650	64
IDNTYCLASS Input/output valid values	IDNTY, NOIDNTY							
INTERVAL	DECIMAL	INQ	4	MAX	Yes	Statistics collection interval		37

Table 92. MONITOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
MNGER	BINARY	STAT	4	AVG	No	Number of CMF exception records		14
MNGERS	BINARY	STAT	4	AVG	No	Number of CMF exception records suppressed by exit		15
MNGIR	BINARY	STAT	4	AVG	No	Number of CMF identity records	E640 E650	65
MNGIRS	BINARY	STAT	4	AVG	No	Number of CMF identity records suppressed by exit	E640 E650	66
MNGPR	BINARY	STAT	4	AVG	No	Number of CMF performance records		16
MNGPRS	BINARY	STAT	4	AVG	No	Number of performance records suppressed by exit		17
MNGRR	BINARY	STAT	4	AVG	No	Number of CMF resource records		20
MNGRRS	BINARY	STAT	4	AVG	No	Number of CMF resource records suppressed by exit		21
MNGSMFR	BINARY	STAT	4	AVG	No	Number of SMF records for CMF		18
MNGSMFRS	BINARY	STAT	4	AVG	No	Number of SMF errors for CMF		19
NUMCMF2SMF	RATE3	CPSM	8	AVG	No	Rate of SMF writes for CMF		41
NUMSTAT2SMF	RATE3	CPSM	8	AVG	No	Rate of SMF writes for statistics		42
PERFCLASS	CVDAS	INQ	4	LIKE	Yes	Performance class status		4
PERFCLASS Input/output valid values	PERF, NOPERF							
PEXCSUPR	PERCENT3	CPSM	4	AVG	No	Percent exception records suppressed to SMF writes		47
PIDNSUPR	PERCENT3	CPSM	4	AVG	No	Percent identity records suppressed to writes	E640 E650	67
PPERSUPR	PERCENT3	CPSM	4	AVG	No	Percent performance records suppressed to writes		48
PRESSUPR	PERCENT3	CPSM	4	AVG	No	Percent resource records suppressed to SMF writes		49
PSMFWERRC	PERCENT3	CPSM	4	AVG	No	Percentage of SMF errors to writes for CMF		43
PSMFWERRS	PERCENT3	CPSM	4	AVG	No	Percent of SMF errors to writes for statistics		44
PSTASUPR	PERCENT3	CPSM	4	AVG	No	Percent of statistics records suppressed to writes		50
RECORDING	CVDAS	INQ	4	LIKE	Yes	STATRCD recording		39
RECORDING Input/output valid values	ON, OFF							
RESRCECLASS	CVDAS	INQ	4	LIKE	Yes	Resource class status		5
RESRCECLASS Input/output valid values	NORESRCE, RESRCE							
RMIST	CVDAS	INQ	4	LIKE	No	RMI option		60
RMIST Output valid values	NORMI, RMI							

Table 92. MONITOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
RSMFWERRC	RATE3	CPSM	8	AVG	No	Rate of SMF write errors for CMF		45
RSMFWERRS	RATE3	CPSM	8	AVG	No	Rate of SMF write errors for statistics		46
RSMFWRITE	RATE3	CPSM	8	AVG	No	Rate of CMF and statistics records written to SMF		54
RSTAWRITE	RATE3	CPSM	8	AVG	No	Statistics write request rate before suppression		52
STATUS	CVDAS	INQ	4	LIKE	Yes	Monitoring status		6
STATUS Input/output valid values	ON, OFF							
STGCSTRT	TIMESTP	STAT	8	MAX	No	Statistics CICS start time		35
STGEODR	BINARY	STAT	4	AVG	No	Number of EOD statistics records		31
STGINTR	BINARY	STAT	4	AVG	No	Number of INT statistics records		30
STGLDW	BINARY	STAT	4	AVG	No	Length of statistics data written		27
STGLRT	TIMESTP	STAT	8	MAX	No	Statistics last reset time		36
STGNC	BINARY	STAT	4	AVG	No	Number of interval collections		25
STGREQR	BINARY	STAT	4	AVG	No	Number of REQ statistics records		33
STGRRTR	BINARY	STAT	4	AVG	No	Number of RRT statistics records		34
STGSMFE	BINARY	STAT	4	AVG	No	Number of SMF errors for statistics		29
STGSMFS	BINARY	STAT	4	AVG	No	Number of SMF writes suppressed for statistics		28
STGSMFW	BINARY	STAT	4	AVG	No	Number of SMF writes for statistics		26
STGUSSR	BINARY	STAT	4	AVG	No	Number of USS statistics records		32
SUBSYSTEMID	CHAR	INQ	4	DIFF	No	SYSEVENT class subsystem ID	E650PLUS	7
SYNCPOINTST	CVDAS	INQ	4	LIKE	Yes	Performance record at syncpoint option		8
SYNCPOINTST Input/output valid values	SYNCPOINT, NOSYNCPOINT							
TIME	CVDAS	INQ	4	LIKE	No	Monitor reports clock value		9
TIME Output valid values	GMT, LOCAL							
TOTCICSSTAT	BINARY	CPSM	8	AVG	No	Total statistics records write attempts to SMF		51
TSMFWRITES	BINARY	CPSM	8	AVG	No	Total number of SMF write requests		53
TSQUEUELIMIT	BINARY	INQ	2	SUM	Yes	Temporary storage queue limit	E640 E650	58

MONSPEC Resource Table

A CPSM Monitor Definition that describes the control directives for monitoring a set of CICS systems. Using group associators, a MONSPEC object can determine which MONDEF instances are to be installed in each CICS system. Using scope link associators (LNKSMSCS), a MONSPEC object can determine which CICS systems fall under its processing scope. A CICS System can have a scope link associator to only one MONSPEC.

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

External resource name
> CICSMonitorSpecification

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
> CICSPlex SM Definition

Copybook identifier
> EYUt3511

Table 93. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDSYSGRP	FORCE	Yes
		GROUP(value)	Yes
		NONE	Yes
		NULL	Yes
	ADDSYSDEF	SYSTEM(value)	Yes

Table 94. MONSPEC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	RODMCMAS_NOT_FOUND	RODM CMAS Not Found	7	INV_REFERENCE	Does not exist
8	LNKASSOC_EXISTS	Association already exists			

Table 95. MONSPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ACTSTATUS	EYUDA	CPSM	4	Yes	LIKE	No	Monitor activation status	INACTIVE		27
ACTSTATUS Input/output valid values	ACTIVE, INACTIVE									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			31
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			34
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			33
CICSSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for CICS region monitoring	0	0-86400	8
CONNSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for connection monitoring	0	0-86400	14
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			32
DBXSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for DB2 and DBCTRL monitoring	0	0-86400	12
DESC	CHAR	CPSM	58	No	DIFF	No	Description			28
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	30
FILESAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for file monitoring	0	0-86400	16
GLBLSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for global region monitoring	0	0-86400	10
JRNLSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for journal monitoring	0	0-86400	18
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Specification			5
PROGSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for program monitoring	0	0-86400	20
RETENTION	BINARY	CPSM	4	Yes	AVG	No	Data retention period	0	0-1440	6
RODMCMAS	CHAR	CPSM	8	No	DIFF	No	Resource status facility CMAS name			29
TDQSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for TDQ monitoring	0	0-86400	24
TERMSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for terminal monitoring	0	0-86400	22
TRANSAMP	BINARY	CPSM	4	Yes	AVG	No	Sample interval for transaction monitoring	0	0-86400	26

MPROGRAM Resource Table

A CICS Monitored resource that describes a subset of the program attributes sampled by the CICSPlex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD
Remove the Monitored resource instance.

RESET
Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length
120

Usage   API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Monitored

Copybook identifier
EYUt1377

Table 96. Valid CPSM operations

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

Table 97. MPROGRAM FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 98. MPROGRAM resource table attributes

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

Table 98. MPROGRAM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CURAVGFETCH	INT16US	INQ	4	MAX	No	Average fetch time for current sample	22
CURRUSEPCT	PERCENT	CPSM	4	AVG	No	% of times program reused - current sample	10
CURUSERATE	RATE	CPSM	4	AVG	No	Program access rate for current sample	6
EXECKEY	CVDAS	INQ	4	LIKE	No	Program execution key	13
EXECKEY Output valid values	CICSEXECKEY, USEREXECKEY, NOTAPPLIC						
FETCHCNT	BINARY	STAT	4	AVG	No	Number of times program loaded into storage	9
FETCHTIME	INT16US	STAT	4	AVG	No	Total time for all program fetches	20
HOLDSTATUS	CVDAS	INQ	4	LIKE	No	Hold status	15
HOLDSTATUS Output valid values	HOLD, NOHOLD, NOTAPPLIC						
INTAVGFETCH	INT16US	INQ	4	MAX	No	Average fetch time for monitor interval	23
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTRUSEPCT	PERCENT	CPSM	4	AVG	No	% of times program reused - monitor interval	11
INTUSERATE	RATE	CPSM	4	AVG	No	Program access rate for monitor interval	7
LENGTH	BINARY	INQ	4	AVG	No	Program length	17
LPASTAT	CVDAS	INQ	4	LIKE	No	Link pack area (LPA) status	18
LPASTAT Output valid values	LPA, NOTLPA, NOTAPPLIC						
NEWCOPYCNT	CNUMERIC	STAT	4	AVG	No	Number of NEWCOPY requests issued	3
`PROGRAM-1`	CHAR	INQ	8	DIFF	Yes	Program name	2
PROGTYPE	CVDAS	INQ	4	LIKE	No	Program type	19
PROGTYPE Output valid values	PROGRAM, MAP, PARTITIONSET						
REMOVECNT	CNUMERIC	STAT	4	AVG	No	Number of times removed by program compression	21
RESCOUNT	BINARY	INQ	4	AVG	No	Number of times program currently accessed	8
RPLID	CNUMERIC	STAT	4	AVG	No	DFHRPL data set number	16
SHARESTATUS	CVDAS	INQ	4	LIKE	No	Share status	14
SHARESTATUS Output valid values	PRIVATE, SHARED, NOTAPPLIC						
STATUS	CVDAS	INQ	4	LIKE	No	Enabled status	12
STATUS Output valid values	ENABLED, DISABLED						
USEAGELSTAT	CNUMERIC	STAT	4	AVG	No	Number of times program accessed since last reset	5
USECOUNT	BINARY	INQ	4	SUM	No	Total number of times program executed	4

MQCINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
>   56

Usage   API or Batch Utility 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
>   EYUt6185

Table 99. Valid CPSM operations

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

Table 100. MQCINGRP FEEDBACK error codes

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

Table 101. MQCINGRP resource table attributes

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

Table 101. MQCINGRP 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
`MQCGROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
`MQCNAME-2`	CHAR	CPSM	8	Yes	DIFF	Yes	MQ Connection definition name	6
`MQCVER-3`	BINARY	CPSM	1	Yes	AVG	Yes	MQ Connection definition version	7

MQCON Resource Table

A CICS Resource that provides information about the WebSphere MQ connection definition (MQCONN resource definition) for the CICS system.

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

The following actions are supported:

CONNECT
> Connect to WebSphere MQ.

DISCONNECT
> Disconnect from WebSphere MQ.
>
> The parameter data for the DISCONNECT action is:
> ```
> PARM('BUSY(cvda).')
> ```
>
> where *cvda* is required and is one of the following valid CVDA values for the WebSphere MQ connection busy condition:
> > WAIT
> > NOWAIT
> > FORCE

DISCARD
> Discard the WebSphere MQ connection definition.

External resource name
> CICSMQConnection

Length
> 352

Usage API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0184

Table 102. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	CONNECT	None	N/A
	DISCONNECT	BUSY(WAIT|NOWAIT|FORCE)	Yes
	DISCARD	None	N/A

Table 103. MQCON resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	53
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		45
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC							
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		46
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		47
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		44
CONNECTST	CVDAS	INQ	4	LIKE	Yes	Connection status		10
CONNECTST Input/output valid values	CONNECTED, NOTCONNECTED							
CONNECTST Output valid values	CONNECTING, DISCONNING							
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		48
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		49
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		52
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST							
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		51
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		50
MQGGMTCONN	DATETIME	INQ	8	MAX	No	GMT connection time		39
MQGGMTDISC	DATETIME	INQ	8	MAX	No	GMT disconnect time		41
MQGINDBTUOW	BINARY	STAT	4	AVG	No	Number of indoubt units of work		30
MQGINITQ	CHAR	STAT	48	DIFF	No	Initiation queue name		13
MQGLOCCONN	DATETIME	INQ	8	MAX	No	Local connection time		40

Table 103. MQCON resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
MQGLOCDISC	DATETIME	INQ	8	MAX	No	Local disconnect time		42
MQGRESBACUW	BINARY	STAT	4	AVG	No	Number of resolved backout units of work		33
MQGRESCOMUW	BINARY	STAT	4	AVG	No	Number of resolved committed units of work		32
MQGT2PCOMM	BINARY	STAT	4	AVG	No	Number of two phase commit operations		38
MQGTAPI	BINARY	STAT	4	AVG	No	Number of WebSphere MQ API calls since WebSphere MQ connected		15
MQGTAPIOK	BINARY	STAT	4	AVG	No	Number of WebSphere MQ API calls completed successfully		16
MQGTBACKUOW	BINARY	STAT	4	AVG	No	Number of backout units of work		34
MQGTBUFMH	BINARY	STAT	4	AVG	No	Number of MQBUFMH requests		67
MQGTCALL	BINARY	STAT	4	AVG	No	Number of internal WebSphere MQ calls		17
MQGTCALLIO	BINARY	STAT	4	AVG	No	Number of WebSphere MQ calls that needed I/O		19
MQGTCALLSYNC	BINARY	STAT	4	AVG	No	Number of WebSphere MQ calls that completed synchronously		18
MQGTCB	BINARY	STAT	4	AVG	No	Number of MQCB requests		55
MQGTCLOSE	BINARY	STAT	4	AVG	No	Number of MQCLOSE requests		23
MQGTCOMMUOW	BINARY	STAT	4	AVG	No	Number of committed units of work		35
MQGTCONSUME	BINARY	STAT	4	AVG	No	Number of messages consumed		56
MQGTCRTMH	BINARY	STAT	4	AVG	No	Number of MQCRTMH requests		61
MQGTCTL	BINARY	STAT	4	AVG	No	Number of MQCTL requests		57
MQGTDLTMH	BINARY	STAT	4	AVG	No	Number of MQDLTMH requests		62
MQGTDLTMP	BINARY	STAT	4	AVG	No	Number of MQDLTMP requests		65
MQGTFUTATT	BINARY	STAT	4	AVG	No	Number of WebSphere MQ API calls when WebSphere MQ was not connected		14
MQGTGET	BINARY	STAT	4	AVG	No	Number of MQGET requests		24
MQGTGETWAIT	BINARY	STAT	4	AVG	No	Number of MQGET with wait requests		25
MQGTINQ	BINARY	STAT	4	AVG	No	Number of MQINQ requests		28
MQGTINQMP	BINARY	STAT	4	AVG	No	Number of MQINQMP requests		64

Table 103. MQCON resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
MQGTMHBUF	BINARY	STAT	4	AVG	No	Number of MQMHBUF requests		66
MQGTOPEN	BINARY	STAT	4	AVG	No	Number of MQOPEN requests		22
MQGTPUT	BINARY	STAT	4	AVG	No	Number of MQPUT requests		26
MQGTPUT1	BINARY	STAT	4	AVG	No	Number of MQPUT1 requests		27
MQGTSET	BINARY	STAT	4	AVG	No	Number of MQSET requests		29
MQGTSETMP	BINARY	STAT	4	AVG	No	Number of MQSETMP requests		63
MQGTSPCOMM	BINARY	STAT	4	AVG	No	Number of single phase commit operations		37
MQGTSTAT	BINARY	STAT	4	AVG	No	Number of MQSTAT requests		60
MQGTSUB	BINARY	STAT	4	AVG	No	Number of MQSUB requests		58
MQGTSUBRQ	BINARY	STAT	4	AVG	No	Number of MQSUBRQ requests		59
MQGTSUBTASK	BINARY	STAT	4	AVG	No	Number of WebSphere MQ calls that had a TCB switch		21
MQGTTASKEND	BINARY	STAT	4	AVG	No	Number of completed tasks		36
MQGTWAITMSG	BINARY	STAT	4	AVG	No	Number of MQGET with wait requests that waited		20
MQGUNRESUOW	BINARY	STAT	4	AVG	No	Number of unresolved units of work		31
MQNAME	CHAR	INQ	4	DIFF	Yes	WebSphere MQ queue manager or QSG name		2
MQQMGR	CHAR	INQ	4	DIFF	Yes	Connected Queue Manager name		3
MQRELEASE	CHAR	INQ	4	DIFF	No	WebSphere MQ Release		8
`NAME-1`	CHAR	STAT	8	DIFF	Yes	WebSphere MQ connection name		1
RESYNCMEMBER	CVDAS	INQ	4	LIKE	Yes	Resynchronization member		9
RESYNCMEMBER Input/output valid values	RESYNC, NORESYNC, GROUPRESYNC							
RESYNCMEMBER Output valid values	NOTAPPLIC							
TASKS	BINARY	INQ	4	AVG	No	Number of current tasks		11
TRIGMONTASKS	BINARY	INQ	4	AVG	No	Number of current trigger monitor tasks		12

MQCONDEF Resource Table

A CICS Definition that describes the connection properties of a WebSphere MQ connection.

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

The following actions are supported:

INSTALL

Install a WebSphere MQ 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

CICSDefinitionMQConnection

Length

200

Usage   API or Batch Utility or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3840

Table 104. 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

Table 104. Valid CPSM operations (continued)

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

Table 105. MQCONDEF 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_INITQNAME	Invalid INITQNAME value	56	INV_MQNAME	Invalid MQNAME value
57	INV_RESYNCMEMBER	Invalid RESYNCMEMBER value	58	INV_CSDGROUP	Invalid CSD group
59	REC_NOT_REMOVED	Record not removed	60	INV_RESOURCE	Invalid resource
61	INV_CICS_RESTYPE	Invalid CICS restype	62	PARTIAL_ACTION	Partial action
63	NOTHING_ACTIONED	Nothing actioned	64	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

65	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required	66	CSD_ERROR	CSD access error

Table 106. MQCONDEF 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	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		20
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				19
INITQNAME	CHAR	CPSM	48	No	DIFF	No	MQ initiation queue name				13
MQNAME	CHAR	CPSM	4	Yes	DIFF	No	MQ queue manager or QSG name				14
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				12
RESYNCMEMBER	EYUDA	CPSM	4	Yes	LIKE	No	Resynchronization Member	YES			15
RESYNCMEMBER Input/output valid values	YES, NO, GROUPRESYNC										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				16
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				17
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				18

MQCONN Resource Table

A CICS resource that describes a subset of the WebSphere MQ connection attributes sampled by the CICSPlex SM MAS Monitor agents.

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

There are no object specific actions for this resource class.

External resource name
> CICSMQConnectionStatistics

Length
288

Usage API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0159

Table 107. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 108. MQCONN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
MQCONNECT	CHAR	STAT	8	DIFF	Yes	MQ connection name	E640 E650	35
MQGCONNSTAT	EYUDA	STAT	4	LIKE	No	MQ connection status		7
MQGCONNSTAT Output valid values	CONNECTED, NOTCONNECTED							
MQGINDBTUOW	BINARY	STAT	4	AVG	No	Number of indoubt units of work		26
MQGINITQ	CHAR	STAT	48	DIFF	No	Initiation queue name		8
MQGMQRELEASE	CHAR	STAT	4	DIFF	No	MQ Release		6
`MQGQMGRNAME-1`	CHAR	STAT	48	DIFF	Yes	MQ queue manager name		1
MQGRESBACUW	BINARY	STAT	4	AVG	No	Number of resolved backout units of work		29
MQGRESCOMUW	BINARY	STAT	4	AVG	No	Number of resolved committed units of work		28
MQGT2PCOMM	BINARY	STAT	4	AVG	No	Number of two phase commit operations		34
MQGTAPI	BINARY	STAT	4	AVG	No	Number of MQ API calls since MQ connected		11
MQGTAPIOK	BINARY	STAT	4	AVG	No	Number of MQ API calls completed successfully		12
MQGTBACKUOW	BINARY	STAT	4	AVG	No	Number of backout units of work		30
MQGTBUFMH	BINARY	STAT	4	AVG	No	Number of MQBUFMH requests		48

Table 108. MQCONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
MQGTCALL	BINARY	STAT	4	AVG	No	Number of internal MQ calls		13
MQGTCALLIO	BINARY	STAT	4	AVG	No	Number of MQ calls that needed I/O		15
MQGTCALLSYNC	BINARY	STAT	4	AVG	No	Number of MQ calls that completed synchronously		14
MQGTCB	BINARY	STAT	4	AVG	No	Number of MQCB requests		36
MQGTCLOSE	BINARY	STAT	4	AVG	No	Number of MQCLOSE requests		19
MQGTCOMMUOW	BINARY	STAT	4	AVG	No	Number of committed units of work		31
MQGTCONSUME	BINARY	STAT	4	AVG	No	Number of messages consumed		37
MQGTCRTMH	BINARY	STAT	4	AVG	No	Number of MQCRTMH requests		42
MQGTCTL	BINARY	STAT	4	AVG	No	Number of MQCTL requests		38
MQGTDLTMH	BINARY	STAT	4	AVG	No	Number of MQDLTMH requests		43
MQGTDLTMP	BINARY	STAT	4	AVG	No	Number of MQDLTMP requests		46
MQGTFUTATT	BINARY	STAT	4	AVG	No	Number of MQ API calls when MQ was not connected		10
MQGTGET	BINARY	STAT	4	AVG	No	Number of MQGET requests		20
MQGTGETWAIT	BINARY	STAT	4	AVG	No	Number of MQGET with wait requests		21
MQGTINQ	BINARY	STAT	4	AVG	No	Number of MQINQ requests		24
MQGTINQMP	BINARY	STAT	4	AVG	No	Number of MQINQMP requests		45
MQGTMHBUF	BINARY	STAT	4	AVG	No	Number of MQMHBUF requests		47
MQGTOPEN	BINARY	STAT	4	AVG	No	Number of MQOPEN requests		18
MQGTPUT	BINARY	STAT	4	AVG	No	Number of MQPUT requests		22
MQGTPUT1	BINARY	STAT	4	AVG	No	Number of MQPUT1 requests		23
MQGTSET	BINARY	STAT	4	AVG	No	Number of MQSET requests		25
MQGTSETMP	BINARY	STAT	4	AVG	No	Number of MQSETMP requests		44
MQGTSPCOMM	BINARY	STAT	4	AVG	No	Number of single phase commit operations		33
MQGTSTAT	BINARY	STAT	4	AVG	No	Number of MQSTAT requests		41
MQGTSUB	BINARY	STAT	4	AVG	No	Number of MQSUB requests		39
MQGTSUBRQ	BINARY	STAT	4	AVG	No	Number of MQSUBRQ requests		40

Table 108. MQCONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
MQGTSUBTASK	BINARY	STAT	4	AVG	No	Number of MQ calls that had a TCB switch		17
MQGTTASKEND	BINARY	STAT	4	AVG	No	Number of tasks		32
MQGTTASKS	BINARY	STAT	4	AVG	No	Number of current tasks		9
MQGTWAITMSG	BINARY	STAT	4	AVG	No	Number of MQGET with wait requests that waited		16
MQGUNRESUOW	BINARY	STAT	4	AVG	No	Number of unresolved units of work		27

MQINI Resource Table

A CICS Resource that names the default initiation queue for the CICS-WebSphere MQ connection. CICS installs this resource implicitly when you create a WebSphere MQ connection definition for the CICS system.

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

There are no object specific actions for this resource class.

External resource name
> CICSMQInitiationQueue

Length
> 136

Usage   API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Resource

Copybook identifier
> EYUt0185

Table 109. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 110. MQINI resource table attributes

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

Table 110. MQINI resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0		12
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	4
CHANGEAGENT Input/output valid values	AUTOINSTALL, DYNAMIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	5
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time			6
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	3
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	7
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time			8
INITQNAME	CHAR	INQ	48	DIFF	Yes	MQ initiation queue name			2
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	11
INSTALLAGENT Input/output valid values	AUTOINSTALL, DYNAMIC								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time			10
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	9
`NAME-1`	CHAR	INQ	8	DIFF	Yes	MQ initiation queue resource name			1

MREMFILE Resource Table

A CICS Monitored resource that describes a subset of the remote file attributes sampled by the CICSPlex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD
> Remove the Monitored resource instance.

RESET
> Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length
> 88

Usage API or CICS Management Client Interface or EVALDEF

API view
   Yes

CMAS context
   No

SCOPE applies
   Yes

Only query CMASs in workload
   No

Object type
   CICS Monitored

Copybook identifier
   EYUt1373

Table 111. Valid CPSM operations

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

Table 112. MREMFILE FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 113. MREMFILE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ADDCNT	BINARY	STAT	4	AVG	No	Number of WRITE requests	10
BROWSECNT	BINARY	STAT	4	AVG	No	Number of READNEXT and READPREV requests	9
CURREQRATE	RATE	CPSM	4	AVG	No	Request rate for current sample	13
ENABLESTATUS	CVDAS	INQ	4	LIKE	No	Enable status	5
ENABLESTATUS Output valid values	ENABLED, DISABLED, UNENABLED, DISABLING						
`FILE-1`	CHAR	INQ	8	DIFF	Yes	File ID	2
GETCNT	BINARY	STAT	4	AVG	No	Number of READ Requests	7
GETUPDCNT	BINARY	STAT	4	AVG	No	Number of READ UPDATE requests	8
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTREQRATE	RATE	CPSM	4	AVG	No	Request rate for monitor interval	14
REMDELCNT	BINARY	STAT	4	AVG	No	Number of DELETE requests	6
REMOTENAME	CHAR	INQ	8	DIFF	No	Remote file name	3
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name	4

Table 113. MREMFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
TOTLREQCNT	BINARY	CPSM	4	AVG	No	Total number of all requests	12
UPDATECNT	BINARY	STAT	4	AVG	No	Number of REWRITE requests	11

MREMTDQ Resource Table

A CICS Monitored resource that describes a subset of the remote transient data queue attributes sampled by the CICSPlex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD
Remove the Monitored resource instance.

RESET
Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length
48

Usage   API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Monitored

Copybook identifier
EYUt1387

Table 114. Valid CPSM operations

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

Table 115. MREMTDQ FEEDBACK error codes

Value Code	Description	Value Code	Description

Table 115. MREMTDQ FEEDBACK error codes (continued)

9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 116. MREMTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CUROUTQRATE	RATE	CPSM	4	AVG	No	Output rate for current sample	6
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier	1
INTOUTQRATE	RATE	CPSM	4	AVG	No	Output rate for interval	7
OUTCNT	BINARY	STAT	4	SUM	No	Number of READ, WRITE, and DELETE requests	5
REMOTENAME	CHAR	INQ	4	DIFF	No	Remote name	3
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name	4
`TDQUEUE-1`	CHAR	INQ	4	DIFF	Yes	Queue identifier	2

MREMTRAN Resource Table

A CICS Monitored resource that describes a subset of the remote transaction attributes sampled by the CICSPlex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD
Remove the Monitored resource instance.

RESET
Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length
80

Usage   API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
> CICS Monitored

Copybook identifier
> EYUt1381

Table 117. Valid CPSM operations

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

Table 118. MREMTRAN FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 119. MREMTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CURAVGRESP	AVERAGE	CPSM	4	MAX	No	Average response time for current sample	10
CURTRANRATE	RATE	CPSM	4	SUM	No	Transaction rate for current sample	7
INTAVGRESP	AVERAGE	CPSM	4	MAX	No	Average response time for monitor interval	11
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTTRANRATE	RATE	CPSM	4	SUM	No	Transaction rate for monitor interval	8
IRIOTIME	INT16US	CMF	4	AVG	No	Interregion wait time	12
REMOTECNT	CNUMERIC	STAT	4	SUM	No	Number of times transaction run remotely	5
REMOTENAME	CHAR	INQ	4	DIFF	No	Remote transaction ID	3
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name	4
REMSTARTCNT	CNUMERIC	STAT	4	AVG	No	Number of times transaction started	14
RESPTIME	BINARY	CMF	4	AVG	No	Response time	9
TRANCLASS	CHAR	INQ	8	DIFF	No	Transaction class name	13
`TRANID-1`	CHAR	INQ	4	DIFF	Yes	Transaction	2
USECOUNT	BINARY	STAT	4	SUM	No	Number of times transaction has been used	6

MTDQGBL Resource Table

A CICS Monitored resource that describes a subset of the transient data queue attributes sampled by the CICSPlex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length

160

Usage API or CICS Management Client Interface or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Monitored

Copybook identifier

EYUt1383

Table 120. Valid CPSM operations

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

Table 121. MTDQGBL FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 122. MTDQGBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ACCESSCNT	BINARY	STAT	4	AVG	Number of intrapartition accesses	4

Table 122. MTDQGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
BUFFERS	BINARY	STAT	4	AVG	Number of intrapartition buffers	2
BUFFWAITS	BINARY	STAT	4	AVG	Number of intrapartition buffer waits	8
CINUM	BINARY	STAT	4	AVG	Number of control intervals	11
CISIZE	BINARY	STAT	4	AVG	Control interval size	10
CURACCCNT	RATE	CPSM	4	AVG	Intrapartition access rate for current sample	5
CURBUFFWAIT	CNUMERIC	STAT	4	AVG	Number of current buffer waits	30
CURBUFVALDA	CNUMERIC	STAT	4	AVG	Number of current buffers with valid data	31
CURCONBUFAC	CNUMERIC	STAT	4	AVG	Number of current concurrent buffer accesses	29
CURCONSTRAC	CNUMERIC	STAT	4	AVG	Number of current concurrent string accesses	32
CURFULLPER	PERCENT	CPSM	4	AVG	Percentage buffer-full time for current sample	14
CURREADRATE	RATE	CPSM	4	AVG	Read rate for current sample	20
CURSTRWAITS	CNUMERIC	STAT	4	AVG	Number of current string waits	33
CURWRITRATE	RATE	CPSM	4	AVG	Write rate for current sample	18
FMTWRITE	BINARY	STAT	4	AVG	Number of formatting writes	22
INTACCCNT	RATE	CPSM	4	AVG	Intrapartition access rate for monitor interval	6
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	1
INTFULLPER	PERCENT	CPSM	4	AVG	Percentage buffer-full time for monitor interval	15
INTREADRATE	RATE	CPSM	4	AVG	Read rate for monitor interval	21
INTWRITRATE	RATE	CPSM	4	AVG	Write rate for monitor interval	19
IOERRS	BINARY	STAT	4	AVG	Number of I/O errors	23
NOSPACECNT	BINARY	STAT	4	AVG	Number of times NOSPACE occurred	13
NUMCTRLINTV	CNUMERIC	STAT	4	AVG	Number of control intervals in use	34
PEAKBWAIT	BINARY	STAT	4	AVG	Peak number of intrapartition buffer waits	9
PEAKCACCESS	BINARY	STAT	4	AVG	Peak number of concurrent intrapartition accesses	7
PEAKCIUSE	BINARY	STAT	4	AVG	Peak number of control intervals used	12
PEAKQACTV	BINARY	STAT	4	AVG	Peak number of queues that contain data	3
PEAKSTRACC	BINARY	STAT	4	AVG	Peak number of concurrent string accesses	26
PEAKSTRWAIT	BINARY	STAT	4	AVG	Peak number of string waits	28
READS	BINARY	STAT	4	AVG	Number of reads from data set	17
STRACCESS	BINARY	STAT	4	AVG	Number of times string accessed	25
STRINGS	BINARY	STAT	4	AVG	Number of strings	24
STRNGWAITS	BINARY	STAT	4	AVG	Number of string waits	27
WRITES	BINARY	STAT	4	AVG	Number of writes to data set	16

MTERMNL Resource Table

A CICS Monitored resource that describes a subset of the terminal attributes sampled by the CICSPlex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD
Remove the Monitored resource instance.

RESET
Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length
136

Usage   API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Monitored

Copybook identifier
EYUt1378

Table 123. Valid CPSM operations

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

Table 124. MTERMNL FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 125. MTERMNL resource table attributes

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

Table 125. MTERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACQSTATUS	CVDAS	INQ	4	LIKE	No	Acquired status	26
ACQSTATUS Output valid values	ACQUIRED, RELEASED, ACQUIRING, NOTAPPLIC						
CURIMSGRATE	RATE	CPSM	4	AVG	No	Input message rate for current sample	11
CUROMSGRATE	RATE	CPSM	4	AVG	No	Output message rate for current sample	13
CURTRANRATE	RATE	CPSM	4	AVG	No	Transaction rate for current sample	16
DEVICE	CVDAT	INQ	4	LIKE	No	Device type	3
DEVICE Output valid values	BATCHLU, BIPROG, BISYNCH, CDRDLPRT, CONTNLU, HARDCOPY, INTACTLU, ISCMMCONV, LUCMODGRP, LUCSESS, LUTYPE4, LUTYPE6, MAGTAPE, RESSYS, SDLC, SEQDISK, SYSTEM3, SYSTEM7, SYS7BSCA, TCONSOLE, TELETYPE, TTCAM, TWX3335, T1050, T1053, T2260L, T2260R, T2265, T2740, T2741BCD, T2741COR, T2770, T2780, T3275R, T3277L, T3277R, T3284L, T3284R, T3286L, T3286R, T3600BI, T3601, T3614, T3650ATT, T3735, T3650PIPE, T3650USER, T3653HOST, T3740, T3780, T3790, T3790SCSP, T3790UP, T7770, VIDEOTERM						
INPMSGCNT	BINARY	STAT	4	AVG	No	Number of input messages	9
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval ID	1
INTIMSGRATE	RATE	CPSM	4	AVG	No	Input message rate for monitor interval	12
INTOMSGRATE	RATE	CPSM	4	AVG	No	Output message rate for monitor interval	14
INTTRANRATE	RATE	CPSM	4	AVG	No	Transaction rate for monitor interval	17
LUNAME	CHAR	STAT	8	DIFF	No	LU name	24
NETNAME	CHAR	INQ	8	DIFF	No	Network name	7
OUTMSGCNT	BINARY	STAT	4	AVG	No	Number of output messages	10
PMSGCNT	CNUMERIC	STAT	4	AVG	No	Total pipeline-throwaway count	21
PMSGCONSEC	CNUMERIC	STAT	4	AVG	No	Maximum pipeline-throwaway count	23
PMSGGRPCNT	CNUMERIC	STAT	4	AVG	No	Number of consecutive pipeline-throwaways	22
POLLCNT	DECIMAL	STAT	4	AVG	No	Number of polls sent to terminal	8
REMOTENAME	CHAR	INQ	4	DIFF	No	Name of terminal in remote CICS	5
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name	6
SERVSTATUS	CVDAS	INQ	4	LIKE	No	Service status	4
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE, GOINGOUT						
STGVCNT	CNUMERIC	STAT	4	AVG	No	Number of storage violations	18
STORAGE	CNUMERIC	STAT	4	AVG	No	Terminal input-output area (TIOA) storage	25
`TERMID-1`	CHAR	INQ	4	DIFF	Yes	Terminal ID	2
TERRCNT	BINARY	STAT	4	AVG	No	Number of transaction errors	20
TRANCNT	BINARY	STAT	4	AVG	No	Number of transactions	15
XERRCNT	BINARY	STAT	4	AVG	No	Number of transmission errors or disconnects	19

MTRANCLS Resource Table

A CICS Monitored resource that describes a subset of the transaction class attributes sampled by the CICSPlex SM MAS Monitor agents.

The MTRANCLS resource class can be used to request object instances that were identified as MTCLASS objects in versions of CICS before 4.1.

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

The following actions are supported:

DISCARD
Remove the Monitored resource instance.

RESET
Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length
104

Usage API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Monitored

Copybook identifier
EYUt1400

Table 126. Valid CPSM operations

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

Table 127. MTRANCLS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 128. MTRANCLS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACCEPTAFTRQD	CNUMERIC	STAT	4	AVG	No	Number of transactions accepted after being queued	10
ACCEPTIMMED	CNUMERIC	STAT	4	AVG	No	Number of transactions accepted immediately	9
ACTIVE	BINARY	INQ	4	SUM	No	Number of transactions currently active in class	3
ACTIVEPEAK	BINARY	STAT	4	MAX	No	Peak number of active transactions	13
ATTACHES	CNUMERIC	STAT	4	AVG	No	Total number of attach requests	6
CURQUEDTIME	INTTSTP	STAT	8	AVG	No	Total time current transactions on queue	18
INSTALLDEFS	CNUMERIC	STAT	4	AVG	No	Number of transaction definitions installed	12
MAXACTIVE	BINARY	INQ	4	MAX	No	Maximum number of transactions allowed in class	2
`NAME-1`	CHAR	INQ	8	DIFF	Yes	Transaction class	1
PURGEIMMED	CNUMERIC	STAT	4	AVG	No	Number of transactions purged due to threshold	7
PURGETHRESH	CNUMERIC	INQ	4	AVG	No	Purge threshold	5
PURGEWHILEQD	CNUMERIC	STAT	4	AVG	No	Number of transactions purged while queued	11
PURGTHRTIMES	CNUMERIC	STAT	4	AVG	No	Number of times purge threshold met	16
QUEUED	CNUMERIC	INQ	4	AVG	No	Number of transactions currently queued	4
QUEUEDPEAK	CNUMERIC	STAT	4	AVG	No	Peak number of queued transactions	14
QUEUETIME	INTTSTP	STAT	8	AVG	No	Total time transactions queued	17
TIMESATMAX	BINARY	STAT	4	MAX	No	Times maximum active transactions reached	15
TOTQUEDCNT	CNUMERIC	STAT	4	AVG	No	Total number of transactions queued	8

MTSQGBL Resource Table

A CICS Monitored resource that describes a subset of the temporary storage queue attributes sampled by the CICSPlex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD
    Remove the Monitored resource instance.

RESET
>Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length
>248

Usage API or CICS Management Client Interface or EVALDEF

API view
>Yes

CMAS context
>No

SCOPE applies
>Yes

Only query CMASs in workload
>No

Object type
>CICS Monitored

Copybook identifier
>EYUt1388

Table 129. Valid CPSM operations

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

Table 130. MTSQGBL FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 131. MTSQGBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
AUXFULL	BINARY	STAT	4	AVG	Times auxiliary storage exhausted	23
BUFFERS	BINARY	STAT	4	AVG	Number of temporary storage buffers	26
BUFFWAITS	BINARY	STAT	4	AVG	Count of buffer waits	28
BUFREADS	BINARY	STAT	4	AVG	Buffer reads	32
BUFWRITES	BINARY	STAT	4	AVG	Buffer writes	30
BYTESPERCI	BINARY	STAT	4	AVG	Available bytes per control interval	50

Table 131. MTSQGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
BYTESPERSEG	BINARY	STAT	4	AVG	Bytes per segment	52
CINUM	BINARY	STAT	4	AVG	Number of control intervals in data set	21
CISINUSE	BINARY	STAT	4	AVG	Number of control intervals in use	47
CISIZE	BINARY	STAT	4	AVG	Control interval size	19
COMPRESSIONS	BINARY	STAT	4	AVG	Number of temporary storage compressions	46
CURAGETQRATE	RATE	CPSM	4	AVG	GetQ auxiliary rate current sample	13
CURAPUTQRATE	RATE	CPSM	4	AVG	PutQ auxiliary rate current sample	11
CURBHITRATE	RATE	CPSM	4	AVG	Buffer read hit rate for current sample	33
CURFULLPER	PERCENT	CPSM	4	AVG	Auxiliary storage % full for current sample	24
CURMGETQRATE	RATE	CPSM	4	AVG	GetQ main rate current sample	6
CURMPUTQRATE	RATE	CPSM	4	AVG	PutQ main rate current sample	4
CURREADRATE	RATE	CPSM	4	AVG	Read rate for current sample	37
CURRUWBFR	BINARY	STAT	4	AVG	Current users waiting on buffer	43
CURRUWSTR	BINARY	STAT	4	AVG	Current users waiting on string	42
CURWRITRATE	RATE	CPSM	4	AVG	Write rate for current sample	35
ENTLGQUE	BINARY	STAT	4	AVG	Entries in longest queue	16
EXTTHRESHOLD	BINARY	STAT	4	AVG	Queue extension threshold	53
FMTWRT	BINARY	STAT	4	AVG	Number of format writes	39
GETQAUX	BINARY	STAT	4	AVG	Get/GetQ auxiliary	10
GETQMAIN	BINARY	STAT	4	AVG	Get/Getq main	3
INTAGETQRATE	RATE	CPSM	4	AVG	GetQ auxiliary rate for interval	14
INTAPUTQRATE	RATE	CPSM	4	AVG	PutQ auxiliary rate for interval	12
INTBHITRATE	RATE	CPSM	4	AVG	Buffer read hit rate for interval	34
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval identifier	1
INTFULLPER	PERCENT	CPSM	4	AVG	Auxiliary storage % full for interval	25
INTMGETQRATE	RATE	CPSM	4	AVG	GetQ main rate for interval	7
INTMPUTQRATE	RATE	CPSM	4	AVG	PutQ main rate for interval	5
INTREADRATE	RATE	CPSM	4	AVG	Read rate for interval	38
INTWRITRATE	RATE	CPSM	4	AVG	Write rate for interval	36
IOERRS	BINARY	STAT	4	AVG	Number of I/O errors on DSN	44
LONGAUXREC	BINARY	STAT	4	AVG	Longest auxiliary record length	49
NAMESINUSE	BINARY	STAT	4	AVG	Number of temporary storage names in use	48
PEAKCIUSE	BINARY	STAT	4	AVG	Peak CIs used	22
PEAKQUES	BINARY	STAT	4	AVG	Peak queue names in use	15
PEAKSTG	BINARY	STAT	4	AVG	Peak storage	8
PEAKUSDSTR	BINARY	STAT	4	AVG	Peak strings in use	40
PEAKUWBUF	BINARY	STAT	4	AVG	Peak users waiting on buffers	29
PEAKUWSTR	BINARY	STAT	4	AVG	Peak users waiting on strings	41
PUTQAUX	BINARY	STAT	4	AVG	Put/PutQ auxiliary	9

Table 131. MTSQGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
PUTQMAIN	BINARY	STAT	4	AVG	Put/PutQ main	2
QUECRECNT	BINARY	STAT	4	AVG	Times queues created	17
QUEXTENDS	BINARY	STAT	4	AVG	Queue extensions created	18
SEGSPERCI	BINARY	STAT	4	AVG	Segments per control interval	51
SHRDPOOLCONN	CNUMERIC	STAT	4	AVG	Number of shared pools that CICS is connected to	55
SHRDPOOLDEF	CNUMERIC	STAT	4	AVG	Shared pools defined	54
SHRDREADREQ	CNUMERIC	STAT	4	AVG	Shared read requests	56
SHRDWRITEREQ	CNUMERIC	STAT	4	AVG	Shared write requests	57
STRINGS	BINARY	STAT	4	AVG	Number of temporary storage strings	27
STRINGWAIT	BINARY	STAT	4	AVG	Number of string waits	45
WRTFRECVR	BINARY	STAT	4	AVG	Buffer writes forced for recovery	31
WRTGTCISZ	BINARY	STAT	4	AVG	Writes greater than CISIZE	20

MVSESTG Resource Table

A CICS Resource that describes an MVS™ storage element for a TCB in the CICS address space.

The key for this resource is a composite element.

There are no object specific actions for this resource class.

External resource name
>CICSMVSStorageArea

Length
>40

Usage   API or CICS Management Client Interface or EVALDEF

API view
>Yes

CMAS context
>No

SCOPE applies
>Yes

Only query CMASs in workload
>No

Object type
>CICS Resource

Copybook identifier
>EYUt0141

Table 132. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 133. MVSESTG resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
`ELEMENTADDR-2`	HEX	INQ	4	MAX	Yes	Storage element address		2
ELEMENTLEN	BINARY	INQ	4	SUM	No	Element length		3
INUSELENGTH	BINARY	INQ	4	AVG	No	Element length in use	E640	6
STORAGEKEY	BINARY	INQ	4	AVG	No	Storage key	E640	5
SUBPOOLNUM	BINARY	INQ	4	AVG	No	Subpool number		4
`TCBADDRESS-1`	HEX	INQ	4	MAX	Yes	Address of MVS TCB		1

MVSTCBGL Resource Table

A CICS Resource that provides information about all the MVS TCBs in the CICS address space.

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

There are no object specific actions for this resource class.

External resource name
> CICSGlobalMVSTCBStatistics

Length
> 72

Usage API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Resource

Copybook identifier
> EYUt0143

Table 134. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 135. MVSTCBGL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
CICSTCBCOUNT	BINARY	STAT	4	SUM	Current CICS TCBs	1
CICSTCBSTGA	BINARY	STAT	4	SUM	Storage above 16M for CICS TCBs	7
CICSTCBSTGAI	BINARY	STAT	4	SUM	Storage in use above 16M	13
CICSTCBSTGB	BINARY	STAT	4	SUM	Storage below 16M for CICS TCBs	5
CICSTCBSTGBI	BINARY	STAT	4	SUM	Storage below 16M in use by CICS TCBs	12
CICSTCBTIME	INTTSTP	STAT	8	SUM	CPU time used by current attached CICS TCBs	3
NCICSTCBSGAI	BINARY	STAT	4	SUM	Storage above 16M in use by non-CICS TCBs	15
NCICSTCBSGBI	BINARY	STAT	4	SUM	Storage in use below 16M	14
NCICSTCBSTGA	BINARY	STAT	4	SUM	Storage above 16M for non-CICS TCBs	8
NCICSTCBSTGB	BINARY	STAT	4	SUM	Storage below 16M for non-CICS TCBs	6
NCICSTCBTIME	INTTSTP	STAT	8	SUM	CPU time used by current attached non-CICS TCBs	4
NONCICSTCBCT	BINARY	STAT	4	SUM	Current non-CICS TCBs	2

MVSTCB Resource Table

A CICS Resource that describes an MVS TCB in the CICS address space.

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

There are no object specific actions for this resource class.

External resource name
> CICSMVSTCB

Length
> 72

Usage   API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Resource

Copybook identifier
EYUt0142

Table 136. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 137. MVSTCB resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
`TCBADDRESS-1`	HEX	STAT	4	MAX	Yes	TCB address	1
TCBCICSTASK	DECIMAL	STAT	4	MAX	No	CICS task number	9
TCBCPUTIME	INTTSTP	STAT	8	MAX	No	CPU time used by the TCB	4
TCBDAUGHTER	HEX	STAT	4	MAX	No	Daughter TCB	8
TCBMOTHER	HEX	STAT	4	MAX	No	Mother TCB	6
TCBNAME	CHAR	STAT	8	DIFF	No	TCB name	2
TCBSISTER	HEX	STAT	4	MAX	No	Sister TCB	7
TCBSTGABOVE	BINARY	STAT	4	SUM	No	Private storage allocated above 16M	5
TCBSTGAINUSE	BINARY	STAT	4	SUM	No	Private storage in use above 16M	15
TCBSTGBELOW	BINARY	STAT	4	SUM	No	Private storage allocated below 16M	3
TCBSTGBINUSE	BINARY	STAT	4	SUM	No	Private storage in use below 16M	14
TCBTYPE	CVDAS	STAT	4	LIKE	No	TCB type	13
TCBTYPE Output valid values	CICS, NONCICS						

MVSWLM Resource Table

MVSWLM Resource Table

A CICS Resource that provides the MVS workload manager (WLM) information in an active system being managed by CICSPlex SM.

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

There are no object specific actions for this resource class.

External resource name
CICSMVSWLM

Length
80

Usage API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0126

Table 138. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 139. MVSWLM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MNGWLMCC	EYUDA	STAT	4	LIKE	CPU critical	14
MNGWLMCC Output valid values	YES, NO					
MNGWLMGI	BINARY	STAT	2	SUM	Goal importance	16
MNGWLMGT	EYUDA	STAT	4	LIKE	Goal type	12
MNGWLMGT Output valid values	VELOCITY, DISCRETIONRY, SYSTEM					
MNGWLMGV	BINARY	STAT	4	SUM	Velocity goal value	13
MNGWLMMD	EYUDA	STAT	4	LIKE	Goal mode	5
MNGWLMMD Output valid values	YES, NO					
MNGWLMRC	CHAR	STAT	8	DIFF	Report class	9
MNGWLMRG	CHAR	STAT	8	DIFF	Resource group	10
MNGWLMSC	CHAR	STAT	8	DIFF	Service class	8
MNGWLMSK	EYUDA	STAT	4	LIKE	Storage critical	15
MNGWLMSK Output valid values	YES, NO					
MNGWLMST	EYUDA	STAT	4	LIKE	WLM server	6
MNGWLMST Output valid values	YES, NO					
MNGWLMWN	CHAR	STAT	8	DIFF	Workload name	11

MXTRATDQ Resource Table

A CICS Monitored resource that describes a subset of the extrapartition transient data queue attributes sampled by the CICSPlex SM MAS Monitor agents.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

External resource name

Length

48

Usage API or CICS Management Client Interface or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Monitored

Copybook identifier

EYUt1384

Table 140. Valid CPSM operations

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

Table 141. MXTRATDQ FEEDBACK error codes

Value	Code	Description	Value	Code	Description
9	NO_MON_DATA	No data for monitored resource	10	MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 142. MXTRATDQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CUROUTQRATE	RATE	CPSM	4	AVG	No	Output rate for current sample	6
ENABLESTATUS	CVDAS	INQ	4	LIKE	No	Enabled status	3
ENABLESTATUS Output valid values	ENABLED, DISABLED						
INTERVALID	TIMESTP	CPSM	8	LIKE	No	Interval identifier	1
INTOUTQRATE	RATE	CPSM	4	AVG	No	Output rate for interval	7

Table 142. MXTRATDQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
OPENSTATUS	CVDAS	INQ	4	LIKE	No	Open status	4
OPENSTATUS Output valid values	OPEN, CLOSED, OPENING, CLOSING, SWITCHING						
OUTCNT	BINARY	STAT	4	AVG	No	Number of READ and WRITE requests	5
`TDQUEUE-1`	CHAR	INQ	4	DIFF	Yes	Queue identifier	2

OBJACT Resource Table

A CPSM MetaData resource that describes the existence of an object specific action for a CICSPlex SM managed object

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

External resource name

Length
    96

Usage   API

API view
    No

CMAS context
    No

SCOPE applies
    No

Only query CMASs in workload
    No

Object type
    CICSPlex SM Metadata

Copybook identifier
    EYUt2579

Table 143. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 144. OBJACT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
`ACTION-3`	CHAR	CPSM	12	DIFF	Yes	Action name	6
APIPERFORM	CHAR	CPSM	1	LIKE	No	Valid for EXEC CPSM PERFORMValid for PERFORMNot valid for PERFORM	18
APIPERFORM Input/output valid values	Y (YES), N (NO)						
DESCRIPTION	CHAR	CPSM	50	DIFF	No	Description	15
ID	BINARY	CPSM	4	AVG	No	Action number	16
`OBJECT-1`	CHAR	CPSM	8	DIFF	Yes	Object name	4

Table 144. OBJACT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
PARMCOUNT	BINARY	CPSM	4	AVG	No	Parameter count	17
`TABLEVER-2`	BINARY	CPSM	2	AVG	Yes	Object table version	5
VALCICSES2	BIT	CPSM	1	LIKE	No	Not valid in CICS/ESA byte 2CICS for MVS/ESA 630CICS for MVS/ESA 640CICS for MVS/ESA 650CICS for MVS/ESA 660CICS for MVS/ESA 670	13
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	7
VALCICSESA Input/output valid values	128 (M212), 64 (E330), 32 (E410), 16 (E510), 8 (E520), 4 (E530), 2 (E610), 1 (E620)						
VALCICSOS2	BIT	CPSM	1	LIKE	No	Not valid in CICS OS/2CICS OS/2 201CICS OS/2 300CICS OS/2 310	9
VALCICSOS2 Input/output valid values	128 (O201), 64 (O300), 32 (O311)						
VALCICSVSE	BIT	CPSM	1	LIKE	No	Not valid in CICS/VSECICS/VSE 220CICS/VSE 230CICS/VSE 410	8
VALCICSVSE Input/output valid values	128 (V220), 64 (V230), 32 (V410)						
VALCICSWNT	BIT	CPSM	1	LIKE	No	Not valid in CICS for WindowsCICS for Windows 430CICS for Windows 500	12
VALCICSWNT Input/output valid values	128 (N430), 64 (N500)						

OBJECT Resource Table

A CPSM MetaData resource that describes the characteristics of a CICSPlex SM managed object.

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

There are no object specific actions for this resource class.

External resource name

Length
>   160

Usage   API

API view
>   No

CMAS context
>   No

SCOPE applies
   No

Only query CMASs in workload
   No

Object type
   CICSPlex SM Metadata

Copybook identifier
   EYUt2578

Table 145. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 146. OBJECT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
APIPREFIX	CHAR	CPSM	1	LIKE	No	Requires API prefixRequiredNot required	42
APIPREFIX Input/output valid values	Y (YES), N (NO)						
CMASCONTEXT	CHAR	CPSM	1	DIFF	No	Context is CMASCMAS requiredCMAS not required	41
CMASCONTEXT Input/output valid values	Y (YES), N (NO)						
CREATEREL	CHAR	CPSM	4	DIFF	No	CPSM release object created	10
CURACTVAL	CHAR	CPSM	1	DIFF	No	Actions definedActions definedNo actions	29
CURACTVAL Input/output valid values	Y (YES), N (NO)						
CURCPSMREL	CHAR	CPSM	4	DIFF	No	CPSM release version created	20
CURCREVAL	CHAR	CPSM	1	DIFF	No	Create validValidNot valid	26
CURCREVAL Input/output valid values	Y (YES), N (NO)						
CURDESC	CHAR	CPSM	50	DIFF	No	Table description	38
CURGETVAL	CHAR	CPSM	1	DIFF	No	Get validValidNot valid	24
CURGETVAL Input/output valid values	Y (YES), N (NO)						
CURNUMATTR	BINARY	CPSM	2	AVG	No	Current number attributes	15
CURREMVAL	CHAR	CPSM	1	DIFF	No	Remove validValidNot valid	28
CURREMVAL Input/output valid values	Y (YES), N (NO)						
CURSETVAL	CHAR	CPSM	1	DIFF	No	Set validValidNot valid	25
CURSETVAL Input/output valid values	Y (YES), N (NO)						
CURSTGSIZE	BINARY	CPSM	2	AVG	No	Current table storage size	17
CURTBLVER	BINARY	CPSM	2	AVG	No	Current table version	14
CURUPDVAL	CHAR	CPSM	1	DIFF	No	Update validValidNot valid	27
CURUPDVAL Input/output valid values	Y (YES), N (NO)						

Table 146. OBJECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CURVALES2	BIT	CPSM	1	LIKE	No	Not valid in CICS/ESA byte 2CICS for MVS/ESA 630CICS for MVS/ESA 640CICS for MVS/ESA 650CICS for MVS/ESA 660CICS for MVS/ESA 670	45
CURVALES2 Input/output valid values	128 (E630), 64 (E640), 32 (E650), 16 (E660), 8 (E670)						
CURVALESA	BIT	CPSM	1	LIKE	No	Not valid in CICS/ESACICS/MVS 212CICS/ESA 330CICS/ESA 410CICS for MVS/ESA 510CICS for MVS/ESA 520CICS for MVS/ESA 530CICS for MVS/ESA 610CICS for MVS/ESA 620	30
CURVALESA Input/output valid values	128 (M212), 64 (E330), 32 (E410), 16 (E510), 8 (E520), 4 (E530), 2 (E610), 1 (E620)						
CURVALOS2	BIT	CPSM	1	LIKE	No	Not valid in CICS OS/2CICS OS/2 201CICS OS/2 300CICS OS/2 310	32
CURVALOS2 Input/output valid values	128 (O201), 64 (O300), 32 (O311)						
CURVALRTA	CHAR	CPSM	1	DIFF	No	Valid for real time analysisValidNot valid	22
CURVALRTA Input/output valid values	Y (YES), N (NO)						
CURVALUTL	CHAR	CPSM	1	DIFF	No	Valid for batchValidNot valid	23
CURVALUTL Input/output valid values	Y (YES), N (NO)						
CURVALVSE	BIT	CPSM	1	LIKE	No	Not valid in CICS/VSECICS/VSE 220CICS/VSE 230CICS/VSE 410	31
CURVALVSE Input/output valid values	128 (V220), 64 (V230), 32 (V410)						
CURVALWNT	BIT	CPSM	1	LIKE	No	Not valid in CICS for WindowsCICS for Windows 430CICS for Windows 500	35
CURVALWNT Input/output valid values	128 (N430), 64 (N500)						
HIGHTBLVER	BINARY	CPSM	2	AVG	No	Highest known table version	7
ID	RESTYPE	CPSM	2	LIKE	No	Object resource type	46
MODELNAME	CHAR	CPSM	50	DIFF	No	Model name	47
`NAME-1`	CHAR	CPSM	8	DIFF	Yes	Object name	4
NUMTBLVER	BINARY	CPSM	2	AVG	No	Number of table elements known	6
OBJTYPE	CHAR	CPSM	1	DIFF	No	Object class typeCICS ResourceMonitored CICS ResourceCPSM DefinitionCPSM ResourceCPSM MetadataCPSM NotificationCICS Resource DefinitionCPSM Configuration Definition	12

Table 146. OBJECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
OBJTYPE Input/output valid values	C (CICSRES), M (MONCRES), D (CPSMDEF), V (CPSMRES), O (METADEF), N (CPSMNTF), R (CICSDEF), L (CPSMCFG)						
OWNERNAME	CHAR	CPSM	3	DIFF	No	Owning major object name	9
QUERYREL	CHAR	CPSM	4	DIFF	No	CPSM release of querying CMAS	11
RELTBLVER	BINARY	CPSM	2	AVG	No	Table version at this CPSM release	8
SCOPEREQ	CHAR	CPSM	1	LIKE	No	Scope requiredScope requiredScope not required	44
SCOPEREQ Input/output valid values	Y (YES), N (NO)						
SCOPESORT	CHAR	CPSM	1	LIKE	No	Sort by scopeSort by scopeNo scope sort	43
SCOPESORT Input/output valid values	Y (YES), N (NO)						
VIEWMOD	CHAR	CPSM	1	DIFF	No	Eligible for SPECIFY VIEW commandValidNot valid	40
VIEWMOD Input/output valid values	Y (YES), N (NO)						

OBJSTAT Resource Table

A CPSM MetaData resource that describes control status information about a resource table instance contained in a result set.

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

There are no object specific actions for this resource class.

OBJSTAT does not participate in summary operations.

External resource name

Length
>256

Usage   API

API view
>No

CMAS context
>No

SCOPE applies
>No

Only query CMASs in workload
>No

Object type
>CICSPlex SM Metadata

Copybook identifier
>EYUt2594

Table 147. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 148. OBJSTAT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CICSNAME	CHAR	CPSM	8	LIKE	No	CICS system name	3
CICSREL	CHAR	CPSM	4	LIKE	No	CICS release number	4
CNTRECORDS	BINARY	CPSM	4	LIKE	No	Detail record count for summary	10
CONTEXT	CHAR	CPSM	8	LIKE	No	Context	2
KEYDATA	CHAR	CPSM	44	LIKE	No	Native key	12
KEYLEN	BINARY	CPSM	2	LIKE	No	Length of key data	11
LASTOPER	BINARY	CPSM	1	LIKE	No	Last operation typeCopy operationDelete operationGet operationMark operationRefresh operationPerform Object operationPerform Set operationSet operationUnmark operation	8
LASTOPER Input/output valid values	1 (COPY), 2 (DELETE), 3 (GET), 4 (MARK), 5 (REFRESH), 6 (PERFOBJ), 7 (PERFSET), 8 (SET), 9 (UNMARK)						
OBJECT	CHAR	CPSM	8	LIKE	No	Object name	5
OBJTYPE	BINARY	CPSM	1	LIKE	No	Object typeCPSM ResourceLogical View	6
OBJTYPE Input/output valid values	1 (RESOURCE), 2 (VIEW)						
`RECORDNUM-1`	BINARY	CPSM	4	LIKE	Yes	Record number	1
RECTYPE	BINARY	CPSM	1	LIKE	No	Record typeDetail dataSummarized data	7
RECTYPE Input/output valid values	1 (DETAIL), 2 (SUMMARY)						
RESERVE1	CHAR	CPSM	170	LIKE	No	Reserved	13
STATUS	BIT	CPSM	1	LIKE	No	Record statusRecord markedOperation error	9
STATUS Input/output valid values	128 (MARKED), 1 (OPERERR)						

OSGIBUND Resource Table

A CICS resource that provides information about OSGi bundles.

The **Primary** key fields for this resource class are JVMSERVER and OSGIBUNDLEID.

The following actions are supported:

INQUIRE
> Retrieve information about an OSGi bundle that is installed in a JVM server.

External resource name
> CICSOSGiBundle

Length
872

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
EYUt0208

Table 149. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 150. OSGIBUND resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attrib 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	
BUNDLE	CHAR	INQ	8	DIFF	CICS BUNDLE name	17
BUNDLEPART	CHAR	INQ	255	DIFF	CICS BUNDLE bundlepart	15
CHANGEAGENT	CVDAS	INQ	4	LIKE	Last modification agent	3
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, CREATESPI, NOTAPPLIC					
CHANGEAGREL	CHAR	INQ	4	DIFF	Last modification agent release	4
CHANGETIME	DATETIME	INQ	8	MAX	Last modification time	11
CHANGEUSRID	CHAR	INQ	8	DIFF	Last modification user ID	5

Name	Datatype	Source	Len	Sum	Description	Attribute ID
DEFINESOURCE	CHAR	INQ	8	DIFF	Source of the resource definition	6
DEFINETIME	DATETIME	INQ	8	MAX	Creation time	10
INSTALLAGENT	CVDAS	INQ	4	LIKE	Installation agent	7
INSTALLAGENT Input/output valid values	BUNDLE					
INSTALLTIME	DATETIME	INQ	8	MAX	Installation time	12
INSTALLUSRID	CHAR	INQ	8	DIFF	Installation user ID	8
JVMSERVER-2	CHAR	CPSM	8	DIFF	JVM server	16
OSGIBUND-1	CHAR	INQ	255	DIFF	OSGi bundle name	1
OSGIBUNDLEID	BINARY	INQ	8	DIFF	OSGi bundle ID	14
OSGISTATUS	CVDAS	INQ	4	LIKE	Status	9
OSGISTATUS Output valid values	UNINSTALLED, INSTALLED, RESOLVED, STARTING, STOPPING, ACTIVE					
OSGIVERSION-3	CHAR	INQ	255	DIFF	Version of the OSGi bundle	18

OSGISERV Resource Table

A CICS resource that provides information about OSGi services.

The **Primary** key fields are JVMSERVER and OSGISRVCID.

The following actions are supported:

INQUIRE
Retrieve information about an OSGi service that is registered in a JVM server.

External resource name
CICSOSGiService

Length
1064

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
EYUt0209

Table 151. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 152. OSGISERV resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attribute ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	1
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	2
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
BUNDLE	CHAR	INQ	8	SUM	No	CICS BUNDLE name	4
BUNDLEPART	CHAR	INQ	255	DIFF	No	CICS BUNDLEPART name	5
`JVMSERVER-2`	CHAR	CPSM	8	AVG	Yes	JVM server	3
OSGIBUNDLE	CHAR	INQ	255	DIFF	No	Symbolic name of the OSGi bundle	7
`OSGISERVICE-1`	BINARY	INQ	8	DIFF	Yes	OSGi service ID	1
OSGIVERSION	CHAR	INQ	255	DIFF	No	Version of the OSGi bundle	6
SRVCNAME	CHAR	INQ	255	DIFF	No	Name of the OSGi service	8
SRVCSTATUS	CVDAS	INQ	4	LIKE	Yes	Service status	2
SRVCSTATUS Input/output valid values	ACTIVE, INACTIVE						

PARINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
> 56

Usage   API or Batch Utility 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
> EYUt6151

Table 153. Valid CPSM operations

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

Table 154. PARINGRP FEEDBACK error codes

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

Table 155. PARINGRP resource table attributes

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

Table 155. PARINGRP 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
`PARTGROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
`PARTNAME-2`	CHAR	CPSM	8	Yes	DIFF	Yes	Partner definition name	6
`PARTVER-3`	BINARY	CPSM	1	Yes	AVG	Yes	Partner definition version	7

PARMAVA Resource Table

A CPSM MetaData resource that describes the allowable values for a parameter.

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

External resource name

Length
> 40

Usage API

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICSPlex SM Metadata

Copybook identifier
> EYUt2635

Table 156. Valid CPSM operations

Operations	Actions	Parameters	Required

Table 157. PARMAVA resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
LITERAL	CHAR	CPSM	12	DIFF	No	Parameter literal	6
`PARMAVAIDN-2`	BINARY	CPSM	4	AVG	Yes	AVA number for parameter	5
`PARMIDN-1`	BINARY	CPSM	4	AVG	Yes	Parameter number	4
VALUE	BINARY	CPSM	4	AVG	No	Parameter value in numeric form	7

Table 157. PARMAVA resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
VALUENAME	CHAR	CPSM	12	DIFF	No	Parameter value as character string	8

PARTDEF Resource Table

A CICS Definition that describes a partner, which enables application programs to communicate via APPC protocols with a partner application on a remote logical unit.

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

The following actions are supported:

INSTALL

Install a Partner Definition.

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

External resource name

CICSDefinitionPartner

Length

360

Usage   API or Batch Utility or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3806

Table 158. 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

Table 158. Valid CPSM operations (continued)

	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 159. PARTDEF FEEDBACK error codes

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

Table 159. PARTDEF 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 160. PARTDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	19
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	21
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	20
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				13
CSDGROUP-3	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	23
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				17
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
NETNAME	CHAR	CPSM	8	Yes	DIFF	No	VTAM node name				8
NETWORK	CHAR	CPSM	8	No	DIFF	No	Network name				9
PROFILE	CHAR	CPSM	8	Yes	DIFF	No	Profile definition name	DFHCICSA			10
TPNAME	CHAR	CPSM	64	No	DIFF	No	Remote transaction program name (characters)				11
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				14
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				15
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				16
XTPNAME	CHAR	CPSM	128	No	DIFF	No	Remote transaction program name (hexadecimal)				12

PARTNER Resource Table

A CICS Resource that describes a CPI-C partner table in an active CICS system being managed by CICSPlex SM.

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

The following action is supported:

DISCARD
> Discard the partner definition

The DISCARD action requires no unique parameter data.

External resource name
CICSPartner

Length
120

Usage API or CICS Management Client Interface

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0052

Table 161. Valid CPSM operations

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

Table 162. PARTNER resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
NETNAME	CHAR	INQ	8	DIFF	No	Node where partner located	2
NETWORK	CHAR	INQ	8	DIFF	No	Network where partner located	3
`PARTNER-1`	CHAR	INQ	8	DIFF	Yes	Partner name	1
PROFILE	CHAR	INQ	8	DIFF	No	Profile name for partner	4
TPNAME	CHAR	INQ	64	DIFF	No	Remote transaction program name	5
TPNAMELEN	BINARY	INQ	2	AVG	No	Length of remote transaction program name	6

PERIODEF Resource Table

A CPSM Communications Definition that describes a named period of time. Time periods are used to control when certain management application definitions are installed. They are also used to identify the expected operational period for CICS systems.

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

There are no object specific actions for this resource class.

External resource name
CICSPeriodDefinition

Length
112

Usage API or Batch Utility or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Definition

Copybook identifier
EYUt2811

Table 163. Valid CPSM operations

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

Table 164. PERIODEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed

Table 165. PERIODEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			12
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			15
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			14
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			13
DESC	CHAR	CPSM	58	No	DIFF	No	Description			10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	11
END	HHMM	CPSM	2	Yes	MAX	No	End time			7

Table 165. PERIODEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name			5
START	HHMM	CPSM	2	Yes	MAX	No	Start time			6
ZONE	CHAR	CPSM	1	Yes	DIFF	No	Time zone			9
ZONEADJ	BINARY	CPSM	1	Yes	AVG	No	Time zone adjustment factor	0		8

PGMINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
56

Usage   API or Batch Utility 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
EYUt6154

Table 166. Valid CPSM operations

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

Table 167. PGMINGRP FEEDBACK error codes

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

Table 167. PGMINGRP FEEDBACK error codes (continued)

12	INV_CONTEXT	Context not found	21	INCONSISTENT_SET	Inconsistent set
22	DIFF_VERSION	Different version	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 168. PGMINGRP resource table attributes

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

PIPEDEF Resource Table

A CICS definition that describes the processing nodes that will act on a service request and on the response to it when a CICS application acts in the role of a Web-service provider or requester.

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

The following actions are supported:

INSTALL

Install a Connection Definition.

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

ADDTOGRP

Add to resource group

PARM(' [ERRQUEUE] RESGROUP(*value*) .')

External resource name

CICSDefinitionPipeline

Length

920

Usage API or Batch Utility or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload
No

Object type
CICS Definition

Copybook identifier
EYUt3834

Table 169. 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 170. PIPEDEF FEEDBACK error codes

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

Table 170. PIPEDEF FEEDBACK error codes (continued)

39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_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 171. PIPEDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	21
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	23
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	22
CONFIGFILE	CHAR	CPSM	255	Yes	DIFF	No	Configuration file name on HFS for this pipeline				14
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				9
`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		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
RESPWAIT	CHAR	CPSM	4	No	DIFF	No	Response wait time for Requester Pipeline (SSSS)	DEFT	0-9999	E640	19

Table 171. PIPEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
RESPWAIT Input/output valid values	DEFT										
SHELF	CHAR	CPSM	255	No	DIFF	No	Name of a directory (shelf) for WSBind files	/var/ cicsts			15
STATUS	CVDAS	CPSM	4	No	LIKE	No	ENABLED status	ENABLED			16
STATUS Input/output valid values	ENABLED, DISABLED										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				12
WSDIR	CHAR	CPSM	255	No	DIFF	No	Name of the WSBind (pickup) directory on HFS				17

PIPELINE Resource Table

A CICS resource that describes the processing nodes that will act on a service request and on the response to it when a CICS application acts in the role of a Web-service provider or requester.

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

The following actions are supported:

ENABLE
 Process inbound service requests normally.

DISABLE
 Reject inbound service requests.

DISCARD
 Remove this PIPELINE definition.

SCAN Scan the PIPELINE's web service binding directory.

External resource name
 CICSPipeline

Length
 1168

Usage API or CICS Management Client Interface or EVALDEF

API view
 Yes

CMAS context
 No

SCOPE applies
 Yes

Only query CMASs in workload
 No

Object type
CICS Resource

Copybook identifier
EYUt0164

Table 172. Valid CPSM operations

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

Table 173. PIPELINE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	30
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	22
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	23
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	25
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	20
CIDDOMAIN	CHAR	INQ	255	DIFF	No	MIME content id domain name		E640	13
CONFIGFILE	CHAR	INQ	255	DIFF	No	Configuration file name on HFS for this pipeline			4
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	26
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	27
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Status			2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED								
ENABLESTATUS Output valid values	ENABLING, DISABLING, DISCARDING								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	24
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST								

Table 173. PIPELINE 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
MTOMNOXOPST	EYUDA	INQ	4	LIKE	No	Use MTOM even when no XOP attachments are present		E640	16
MTOMNOXOPST Output valid values	YES, NO								
MTOMST	EYUDA	INQ	4	LIKE	No	SOAP MTOM status		E640	14
MTOMST Output valid values	SUPPORTED, NOTSUPPORTED								
`NAME-1`	CHAR	INQ	8	DIFF	Yes	Name			1
PIPEMODE	CVDAS	INQ	4	LIKE	No	Pipeline operation mode		E640	8
PIPEMODE Output valid values	REQUESTER, PROVIDER, UNKNOWN								
PIPEUSECOUNT	BINARY	STAT	4	SUM	No	Number of times pipeline has been used			3
RESPWAIT	BINARY	INQ	4	LIKE	Yes	Response wait time for Requester Pipelines			9
SENDMTOMST	EYUDA	INQ	4	LIKE	No	Outbound SOAP message MTOM status		E640	15
SENDMTOMST Output valid values	YES, NO, SAME								
SHELF	CHAR	INQ	255	DIFF	No	Name of a directory (shelf) for WSBind files			5
SOAPLEVEL	CHAR	INQ	8	DIFF	No	SOAP level supported by the pipeline		E640	12
SOAPRNUM	BINARY	INQ	4	LIKE	No	SOAP release number part of SOAPLEVEL		E640	11
SOAPVNUM	BINARY	INQ	4	LIKE	No	SOAP version number part of SOAPLEVEL		E640	10
WSDIR	CHAR	INQ	255	DIFF	No	Name of the WSBind (pickup) directory on HFS			6
XOPDIRECTST	EYUDA	INQ	4	LIKE	No	Pipeline direct mode XOP status		E640	18
XOPDIRECTST Output valid values	SUPPORTED, NOTSUPPORTED								
XOPSUPPORTST	EYUDA	INQ	4	LIKE	No	Pipeline application handler XOP capability		E640	17
XOPSUPPORTST Output valid values	SUPPORTED, NOTSUPPORTED								

PIPINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
56

Usage   API or Batch Utility 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
EYUt6179

Table 174. Valid CPSM operations

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

Table 175. PIPINGRP FEEDBACK error codes

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

Table 176. PIPINGRP resource table attributes

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

Table 176. PIPINGRP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
`PIPNAME-2`	CHAR	CPSM	8	Yes	DIFF	Yes	Pipeline definition name	6
`PIPVER-3`	BINARY	CPSM	1	Yes	AVG	Yes	Pipeline definition version	7

POLMON Resource Table

A CPSM Monitor Manager object that describes a monitor definition installed in a specific CICS system.

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

The following actions are supported:

DISCARD
Unconditionally remove the installed definition.

DEACTIVATE
Remove the installed definition honoring a PERIODEF.

These actions require no unique parameter data.

External resource name

Length
56

Usage   API 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
EYUt2406

Table 177. Valid CPSM operations

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

Table 178. POLMON FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Invalid name	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Does not exist	4	REC_EXISTS	Record exists

Table 178. POLMON FEEDBACK error codes (continued)

21	DISCARD_NOT_ALLOWED	Discard not allowed	22	DEACT_NOT_ALLOWED	Deactivate not allowed

Table 179. POLMON resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
`ACTIVETIME-3`	CHAR	CPSM	8	DIFF	Yes	Activation period	5
INCLUDE	EYUDA	CPSM	4	LIKE	No	Monitoring inclusion status	4
INCLUDE Output valid values	YES, NO						
`NAME-1`	CHAR	CPSM	8	DIFF	Yes	Definition name	1
RESCLASS	EYUDA	CPSM	4	LIKE	No	Monitoring resource class	3
RESCLASS Output valid values	MCICS, MCONN, MGLBL, MDBX, MFILE, MJRNL, MPROG, MTDQS, MTERM, MTRAN						
RESNAME	CHAR	CPSM	8	DIFF	No	Resource name pattern	2
RODMPOP	EYUDA	CPSM	4	LIKE	No	Resource status facility monitoring status	7
RODMPOP Output valid values	YES, NO						
`STATUS-2`	EYUDA	CPSM	4	LIKE	Yes	Definition status	6
STATUS-2 Output valid values	ACTIVE, PENDING						

PRCINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
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
EYUt6170

Table 180. Valid CPSM operations

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

Table 181. PRCINGRP FEEDBACK error codes

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

Table 182. PRCINGRP resource table attributes

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

PRNINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
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

EYUt6152

Table 183. Valid CPSM operations

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

Table 184. PRNINGRP FEEDBACK error codes

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

Table 185. PRNINGRP resource table attributes

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

PROCDEF Resource Table

A CICS Definition that describes a Process Type.

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

The following actions are supported:

INSTALL

Install a Process Type Definition.

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

External resource name

CICSDefinitionProcessType

Length

168

Usage API or Batch Utility or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3825

Table 186. 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 186. Valid CPSM operations (continued)

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

Table 187. PROCDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	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 188. PROCDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
AUDITLEVEL	CVDAS	CPSM	4	Yes	LIKE	No	Audit level	OFF			11
AUDITLEVEL Input/output valid values	OFF, FULL, ACTIVITY, PROCESS										
AUDITLOG	CHAR	CPSM	8	No	DIFF	No	Audit log name				10
CHANGEAGENT	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 time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	20
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				13
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	23
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				17
FILE	CHAR	CPSM	8	Yes	DIFF	No	File name				9
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Enable status	ENABLED			12
STATUS Input/output valid values	ENABLED, DISABLED										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				14
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				15
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				16

PROCTYP Resource Table

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

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

The following actions are supported:

DISABLE
Disable a process type

DISCARD
Discard a process type.

These actions require no unique parameter data.

External resource name
CICSProcessType

Length
> 112

Usage   API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Resource

Copybook identifier
> EYUt0101

Table 189. 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 190. PROCTYP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
AUDITLEV	CVDAS	INQ	4	LIKE	Yes	Audit level			4
AUDITLEV Input/output valid values	OFF, FULL, ACTIVITY, PROCESS								
AUDITLOG	CHAR	INQ	8	DIFF	No	Audit log name			3
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	15
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	6
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	8
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	9
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	7
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	10

Table 190. PROCTYP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	11
ENASTAT	CVDAS	INQ	4	LIKE	Yes	Enable status			5
ENASTAT Input/output valid values	ENABLED, DISABLED								
FILE	CHAR	INQ	8	DIFF	No	File name			2
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	14
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	13
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	12
`NAME-1`	CHAR	INQ	8	DIFF	Yes	BTS process type			1

PROFDEF Resource Table

A CICS Definition that describes a profile, which controls the interactions between transactions and terminals or logical units.

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

The following actions are supported:

INSTALL

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

External resource name
> CICSDefinitionProfile

Length
> 224

Usage   API or Batch Utility or CICS Management Client Interface

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICS Definition

Copybook identifier
EYUt3808

Table 191. 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 192. PROFDEF FEEDBACK error codes

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

Table 192. PROFDEF FEEDBACK error codes (continued)

45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_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 193. PROFDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHAINCONTROL	EYUDA	CPSM	4	Yes	LIKE	No	Outbound chaining control	NO			8
CHAINCONTROL Input/output valid values	YES, NO										
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	31
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	33
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	32
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				24
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	35
`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		30
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				28
DVSUPRT	EYUDA	CPSM	4	Yes	LIKE	No	Supported devices	ALL			9
DVSUPRT Input/output valid values	ALL, NONVTAM, VTAM										
FACILITYLIKE	CHAR	CPSM	4	No	DIFF	No	Facility model				29

Table 193. PROFDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
INBFMH	EYUDA	CPSM	4	Yes	LIKE	No	Pass function management header (FMH) to application	NO			10
INBFMH Input/output valid values	NO, ALL, DIP, EODS										
JOURNAL	CHAR	CPSM	4	No	DIFF	No	Journal identifier	NO	1-99		23
JOURNAL Input/output valid values	NO										
LOGREC	EYUDA	CPSM	4	Yes	LIKE	No	Receive requires logical record	NO			11
LOGREC Input/output valid values	YES, NO										
MODENAME	CHAR	CPSM	8	No	DIFF	No	Mode name				12
MSGINTEG	EYUDA	CPSM	4	Yes	LIKE	No	Message response requested	NO			13
MSGINTEG Input/output valid values	YES, NO										
MSGJRNL	EYUDA	CPSM	4	Yes	LIKE	No	Messages to be journaled	NO			14
MSGJRNL Input/output valid values	NO, INPUT, OUTPUT, INOUT										
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
NEPCLASS	CHAR	CPSM	4	No	DIFF	No	Node error program transaction class	0	0-255		21
ONEWTE	EYUDA	CPSM	4	Yes	LIKE	No	One write operation	NO			15
ONEWTE Input/output valid values	YES, NO										
PRINTERCOMP	EYUDA	CPSM	4	Yes	LIKE	No	Printer compatability option	NO			17
PRINTERCOMP Input/output valid values	YES, NO										
PROTECT	EYUDA	CPSM	4	Yes	LIKE	No	Output message recovery	N_A		E510PL1S	16
PROTECT Input/output valid values	YES, NO, N_A										
RAQ	EYUDA	CPSM	4	Yes	LIKE	No	Read ahead queueing option	NO			18
RAQ Input/output valid values	YES, NO										
RTIMOUT	CHAR	CPSM	8	No	DIFF	No	Read time-out value	NO	1-7000		22

Table 193. PROFDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
RTIMOUT Input/output valid values	NO										
SCRNSIZE	CVDAS	CPSM	4	Yes	LIKE	No	Screen size	DEFAULT			20
SCRNSIZE Input/output valid values	DEFAULT, ALTERNATE										
UCTRAN	EYUDA	CPSM	4	Yes	LIKE	No	Upper case translation	NO			19
UCTRAN Input/output valid values	YES, NO										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				25
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				26
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				27

PROFILE Resource Table

A CICS Resource that identifies a profile in an active CICS system being managed by CICSPlex SM.

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

The following action is supported:

DISCARD
> Remove the installed profile.

The DISCARD action requires no unique parameter data.

External resource name
> CICSProfile

Length
> 88

Usage API or CICS Management Client Interface

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Resource

Copybook identifier
> EYUt0053

Table 194. Valid CPSM operations

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

Table 195. PROFILE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	11
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	2
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, SYSTEM, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	4
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	5
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	3
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	6
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	7
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	10
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	9
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	8
`PROFILE-1`	CHAR	INQ	8	DIFF	Yes	Profile name			1

PROGDEF Resource Table

A CICS Definition that describes the control information for a program stored in the program library.

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

The following actions are supported:

INSTALL

Install a Program Definition.

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

External resource name
      CICSDefinitionProgram

Length
      504

Usage API or Batch Utility or CICS Management Client Interface

API view
      No

CMAS context
      No

SCOPE applies
      No

Only query CMASs in workload
      No

Object type
      CICS Definition

Copybook identifier
      EYUt3809

Table 196. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES|NO)	No
		MODE(DYNAM|STAT)	No
		NOTIFY(NO|INACTIVE|RELEASE|FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET|RELATED|BOTH|NONE)	No
		RELATED(value)	No
		STATECHK(YES|NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL|REMOTE)	Yes
	ADDTOGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR|DUPNOREPLACE|DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 197. PROGDEF FEEDBACK error codes

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

Table 197. PROGDEF 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 overtype	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD access error	64	JVM_CONFLICT	JVMSERVER conflicts with JVMPROFILE
65	JVM_MISSING	Either JVMSERVER or JVMPROFILE is required			

Table 198. PROGDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
API	EYUDA	CPSM	4	Yes	LIKE	No	Application program interfaces	CICSAPI			36
API Input/output valid values	CICSAPI, OPENAPI										
CEDF	EYUDA	CPSM	4	Yes	LIKE	No	Display execution diagnostic facility (EDF) screens	YES			8

Table 198. PROGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CEDF Input/output valid values	YES, NO										
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	38
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	40
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	39
CONCURRENCY	EYUDA	CPSM	4	Yes	LIKE	No	Concurrency status	QUASIRENT			30
CONCURRENCY Input/output valid values	N_A, QUASIRENT, THREADSAFE, REQUIRED										
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				23
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	42
DATALOCATION	CVDAS	CPSM	4	Yes	LIKE	No	Data location	BELOW			9
DATALOCATION Input/output valid values	BELOW, ANY										
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		37
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				27
DYNAMIC	EYUDA	CPSM	4	Yes	LIKE	No	Dynamic routing status	NO			29
DYNAMIC Input/output valid values	YES, NO										
EXECKEY	CVDAS	CPSM	4	Yes	LIKE	No	Program execution key	USER			10
EXECKEY Input/output valid values	USER, CICS										
EXECUTIONSET	CVDAS	CPSM	4	Yes	LIKE	No	API subset restriction type	FULLAPI			11
EXECUTIONSET Input/output valid values	FULLAPI, DPLSUBSET										
HOTPOOL	EYUDA	CPSM	4	Yes	LIKE	No	Hot pooling status	NO		E640	PL34S
HOTPOOL Input/output valid values	YES, NO										
JVM	EYUDA	CPSM	4	Yes	LIKE	No	Java virtual machine (JVM) mode	NO			31
JVM Input/output valid values	YES, NO, DEBUG										

Table 198. PROGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
JVMCLASS	CHAR	CPSM	255	No	DIFF	No	Java virtual machine (JVM) class				32
JVMPROFILE	CHAR	CPSM	8	No	DIFF	No	Java virtual machine (JVM) profile				35
JVMSERVER	CHAR	CPSM	8	No	DIFF	No	Java virtual machine (JVM) server			E640 E650 E660	43
LANGUAGE	EYUDA	CPSM	4	Yes	LIKE	No	Language	N_A			12
LANGUAGE Input/output valid values	ASSEMBLER, C, COBOL, LE370, LEVSE, PLI, RPG, N_A										
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
RELOAD	EYUDA	CPSM	4	Yes	LIKE	No	Reload new copy	NO			13
RELOAD Input/output valid values	YES, NO										
REMOTENAME	CHAR	CPSM	8	No	DIFF	No	Program name in remote system				18
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	No	Remote system name				19
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	No	Residence status	NO			17
RESIDENT Input/output valid values	YES, NO										
RSL	CHAR	CPSM	8	No	DIFF	No	Resource security value	0	0-24	E330	PL22S
RSL Input/output valid values	PUBLIC										
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Enabled status	ENABLED			14
STATUS Input/output valid values	ENABLED, DISABLED										
TRANSID	CHAR	CPSM	4	No	DIFF	No	Mirror transaction name for remote attach				20
USAGE	EYUDA	CPSM	4	Yes	LIKE	No	Program storage release	NORMAL			16
USAGE Input/output valid values	NORMAL, TRANSIENT										
USELPACOPY	EYUDA	CPSM	4	Yes	LIKE	No	Use program from the link pack area (LPA)	NO			15
USELPACOPY Input/output valid values	YES, NO										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				24
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				25
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				26

PROGRAM Resource Table

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

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

The following actions are supported:

DISABLE
> Disable the program.

DISCARD
> Remove the installed program.

ENABLE
> Enable the program.

NEWCOPY
> Load a new copy of the program.
>
> CICS loads the new version from the DFHRPL or dynamic LIBRARY concatenation, or uses an LPA resident version, depending on the PRIVATE or SHARED options. PRIVATE is the default setting.

PHASEIN
> CICS will use a new copy of the program for all new transaction requests. CICS continues to use the old copy for all currently running transactions until they have finished, and have a RESCOUNT value of zero. CICS loads the new version from the DFHRPL or dynamic LIBRARY concatenation. or uses an LPA resident version, depending on the PRIVATE or SHARED options. PRIVATE is the default setting.

These actions require no unique parameter data.

Note:
1. The CVDA value returned by CICS for the attribute APIST(CICSAPI) conflicts with an existing CVDA value. In order to retain the attribute's uniqueness, CICSPlex SM adds 9000 to the value returned by CICS.

Note:

External resource name
> CICSProgram

Length
> 592

Usage API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
CICS Resource

Copybook identifier
EYUt0017

Table 199. Valid CPSM operations

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

Table 200. PROGRAM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
ALOADTIME	INT16US	CPSM	4	AVG	No	Average load time			37
APIST	CVDAS	INQ	4	LIKE	No	API status			45
APIST Output valid values	CICSAPI, OPENAPI								
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	57
CEDFSTATUS	CVDAS	INQ	4	LIKE	Yes	CEDF status			14
CEDFSTATUS Input/output valid values	CEDF, NOCEDF								
CEDFSTATUS Output valid values	NOTAPPLIC								
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	49
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, SYSTEM, AUTOINSTALL, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	50
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	52
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	48
COBOLTYPE	CVDAS	INQ	4	LIKE	No	COBOL type			23
COBOLTYPE Output valid values	COBOL, COBOLII, NOTINIT, NOTAPPLIC								
CONCURRENCY	CVDAS	INQ	4	LIKE	No	Concurrency option			30
CONCURRENCY Output valid values	THREADSAFE, QUASIRENT, REQUIRED								
COPY	CVDAS	INQ	4	LIKE	Yes	Newcopy required status			28

Table 200. PROGRAM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
COPY Input valid values	NEWCOPY, PHASEIN								
COPY Output valid values	REQUIRED, NOTREQUIRED								
CURRENTLOC	EYUDA	STAT	4	LIKE	No	CICS DSA in which current copy is located			27
CURRENTLOC Output valid values	NOCOPY, DSA, CDSA, UDSA, LPA, EDSA, ECDSA, EUDSA, ERDSA, ELPA, ESDSA, RDSA, SDSA								
DATALOCATION	CVDAS	INQ	4	LIKE	No	Data location			16
DATALOCATION Output valid values	BELOW, ANY, NOTAPPLIC								
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	53
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	54
DYNAMSTATUS	CVDAS	INQ	4	LIKE	No	Dynamic routing type			29
DYNAMSTATUS Output valid values	DYNAMIC, NOTDYNAMIC								
ENTRYPOINT	ADDRESS	INQ	4	MAX	No	Program entry point			21
EXECKEY	CVDAS	INQ	4	LIKE	No	Program execution key			19
EXECKEY Output valid values	CICSEXECKEY, USEREXECKEY, NOTAPPLIC								
EXECUTIONSET	CVDAS	INQ	4	LIKE	Yes	API subset restriction type			20
EXECUTIONSET Input/output valid values	DPLSUBSET, FULLAPI								
EXECUTIONSET Output valid values	NOTAPPLIC								
FETCHCNT	BINARY	STAT	4	AVG	No	Number of times program loaded into storage			7
FETCHTIME	INT16US	STAT	4	MAX	No	Total time for all program fetches			17
HOLDSTATUS	CVDAS	INQ	4	LIKE	No	Hold status			9
HOLDSTATUS Output valid values	HOLD, NOHOLD, NOTAPPLIC								
HOTPOOLING	CVDAS	INQ	4	LIKE	Yes	Hot pooling status		E640PLUS E640PLUS	35
HOTPOOLING Input/output valid values	HOTPOOL, NOTHOTPOOL								
HOTPOOLING Output valid values	NOTAPPLIC								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	51
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, SYSTEM, AUTOINSTALL, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	56

Table 200. PROGRAM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	55
JVMCLASS	CHAR	INQ	255	DIFF	Yes	Java virtual machine class			33
JVMDEBUG	CVDAS	INQ	4	LIKE	Yes	Java virtual machine (JVM) debug status		E610PLUS	32
JVMDEBUG Input/output valid values	DEBUG, NODEBUG								
JVMPROFILE	CHAR	INQ	8	DIFF	Yes	Java virtual machine (JVM) profile name	DFHJVMPR		36
JVMSERVER	CHAR	INQ	8	DIFF	No	Java virtual machine (JVM) server		E640 E650 E660	58
LANGUAGE	CVDAS	INQ	4	LIKE	No	Language			2
LANGUAGE Output valid values	COBOL, C, LE370, PLIPL1, ASSEMBLER, NOTDEFINED, NOTAPPLIC, LEVSE, JAVA								
LENGTH	CNUMERIC	INQ	4	MAX	No	Program length			11
LIBRARY	CHAR	INQ	8	DIFF	Yes	LIBRARY name		E640	46
LIBRARYDSN	CHAR	INQ	44	DIFF	Yes	Load data set name		E640	47
LOADPOINT	ADDRESS	INQ	4	MAX	No	Program load point			22
LPASTAT	CVDAS	INQ	4	LIKE	No	Link pack area (LPA) status			13
LPASTAT Output valid values	LPA, NOTLPA, NOTAPPLIC, SVA, NOTSVA								
NEWCOPYCNT	BINARY	STAT	4	AVG	No	Number of NEWCOPY requests issued			3
PGRJUSECOUNT	BINARY	STAT	4	AVG	No	Number of times JVM program used since last reset			44
`PROGRAM-1`	CHAR	INQ	8	DIFF	Yes	Program name			1
PROGTYPE	CVDAS	INQ	4	LIKE	No	Program type			15
PROGTYPE Output valid values	PROGRAM, MAP, PARTITIONSET								
REMOTENAME	CHAR	INQ	8	DIFF	No	Program name in remote system			24
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name			25
REMOVECNT	BINARY	STAT	4	AVG	No	Number of times removed by program compression			18
RESCOUNT	CNUMERIC	INQ	4	SUM	No	Number of times program currently accessed			6
RLOADING	RATE3	CPSM	8	AVG	No	Rate of program loading			39
RPLID	BINARY	STAT	4	AVG	No	Data set offset number			12
RREMOVAL	RATE3	CPSM	8	AVG	No	Rate of program removal			40
RUNTIME	CVDAS	INQ	4	LIKE	Yes	Runtime environment information			31

Table 200. PROGRAM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
RUNTIME Input/output valid values	JVM								
RUNTIME Input valid values	NOJVM								
RUNTIME Output valid values	UNKNOWN, LE370, NONLE370, NOTAPPLIC, XPLINK								
RUSE	RATE3	CPSM	8	AVG	No	Rate of program use			41
SHARESTATUS	CVDAS	INQ	4	LIKE	Yes	Share status			10
SHARESTATUS Input/output valid values	PRIVATE, SHARED								
SHARESTATUS Output valid values	NOTAPPLIC								
STATUS	CVDAS	INQ	4	LIKE	Yes	Enabled status			8
STATUS Input/output valid values	ENABLED, DISABLED								
TRANSID	CHAR	INQ	4	DIFF	No	Mirror transaction name for remote attach			26
USEAGELSTAT	BINARY	STAT	4	AVG	No	Number of times program was used since last reset			5
USECOUNT	CNUMERIC	INQ	4	SUM	No	Total number of times program was executed			4
USEFETCH	AVERAGE3	CPSM	8	AVG	No	Average number of program uses per fetch			38

PROINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
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
　　　EYUt6153

Table 201. Valid CPSM operations

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

Table 202. PROINGRP FEEDBACK error codes

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

Table 203. PROINGRP resource table attributes

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

PRTNDEF Resource Table

A CICS Definition that describes a partition set, or display partition configuration.

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

The following actions are supported:

INSTALL
　　　Install a Partition Set Definition.

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

External resource name
> CICSDefinitionPartitionSet

Length
> 168

Usage API or Batch Utility or CICS Management Client Interface

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICS Definition

Copybook identifier
> EYUt3807

Table 204. 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 205. PRTNDEF FEEDBACK error codes

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

Table 205. PRTNDEF 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 overtype	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD access error			

Table 206. PRTNDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	19
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	21
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	20

Table 206. PRTNDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				13
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	23
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				17
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	No	Residence status	NO			8
RESIDENT Input/output valid values	YES, NO										
RSL	CHAR	CPSM	8	No	DIFF	No	Resource security value	0	0-24	E330PL2S	12
RSL Input/output valid values	PUBLIC										
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Partition set status	ENABLED			9
STATUS Input/output valid values	ENABLED, DISABLED										
USAGE	EYUDA	CPSM	4	Yes	LIKE	No	Partition set storage release	NORMAL			10
USAGE Input/output valid values	NORMAL, TRANSIENT										
USELPACOPY	EYUDA	CPSM	4	Yes	LIKE	No	Use copy of partition set from link pack area (LPA)	NO			11
USELPACOPY Input/output valid values	YES, NO										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				14
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				15
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				16

RASGNDEF Resource Table

A CPSM Business Application Services Definition that describes how CICS Definitions of a particular resource class are assigned to and installed in a set of CICS systems.

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

External resource name
> CICSResourceAssignmentDefinition

Length
> 1280

Usage   API or Batch Utility or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSPlex SM Definition

Copybook identifier

EYUt3520

Table 207. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDTODSC	DESCCODEPAGE(value)	No
		DESCRIPTION(value)	No
		RESDESC(value)	Yes
		RESGROUP(value)	No
		RSCOPE(value)	No
		TSCOPE(value)	No

Table 208. RASGNDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	13	INCONSISTENT_SET	Inconsistent set condition
21	INV_RECORD	Invalid record	22	INV_ACTION	Invalid action
23	INCOMPLETE_DEFSET	Incomplete definition set	24	INCONSISTENT_SCOPES	Inconsistent scopes
25	RASGNDEF_IN_USE	Resource assignment definition in use	26	INV_NAME	Name generic or blanks
27	REFASSIGN_NOTFND	Referenced resource assignment not found			

Table 209. RASGNDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			20

Table 209. RASGNDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			23
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			22
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			21
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	19
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			18
FILTER	CHAR	CPSM	800	No	DIFF	No	Filter string			15
MODE	EYUDA	CPSM	4	Yes	LIKE	No	Resource usage qualifier	N_A		12
MODE Input/output valid values	AUTO, DYNAM, EXTRA, INTRA, IND, STAT, N_A									
ORSTRING	CHAR	CPSM	320	No	DIFF	No	Override string			17
OVERRIDE	EYUDA	CPSM	4	Yes	LIKE	No	Scope that override is applied to	NONE		13
OVERRIDE Input/output valid values	BOTH, RELATED, TARGET, NONE									
RDEFTYPE	CHAR	CPSM	8	Yes	DIFF	No	Resource type			9
REFASSGN	CHAR	CPSM	8	No	DIFF	No	Referenced resource assignment name			10
`RESASSGN-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name			5
RESGROUP	CHAR	CPSM	8	No	DIFF	No	Resource group			8
RSCOPE	CHAR	CPSM	8	No	DIFF	No	Related scope			7
TSCOPE	CHAR	CPSM	8	No	DIFF	No	Target scope			6
USAGE	EYUDA	CPSM	4	Yes	LIKE	No	Resource usage			11
USAGE Input/output valid values	LOCAL, REMOTE									

RASINDSC Resource Table

A CPSM Business Application Services Definition that describes the membership of a resource assignment (RASGNDEF) in a resource description (RESDESC).

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

There are no object specific actions for this resource class.

External resource name
> CICSResourceAssignmentInDescription

Length
> 144

Usage   API or Batch Utility or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICSPlex SM Definition

Copybook identifier

EYUt4866

Table 210. Valid CPSM operations

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

Table 211. RASINDSC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	13	INCONSISTENT_SET	Inconsistent set condition
21	INV_RECORD	Invalid record	22	INV_ACTION	Invalid action
23	INCOMPLETE_DEFSET	Incomplete definition set	24	REFASSIGN_NOTFND	Referenced resource assignment not found
25	INCONSISTENT_SCOPES	Inconsistent scopes	26	INV_NAME	Invalid name
27	INV_MINNAME	Invalid minor name			

Table 212. RASINDSC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			12
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			15
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			14
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			13

Table 212. RASINDSC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	11
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			10
`RESASSGN-2`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource assignment (RASGNDEF) name			6
`RESDESC-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource description (RESDESC) name			5
RESGROUP	CHAR	CPSM	8	No	DIFF	No	Resource group name			9
RSCOPE	CHAR	CPSM	8	No	DIFF	No	Related scope name			8
TSCOPE	CHAR	CPSM	8	No	DIFF	No	Target scope name			7

RASPROC Resource Table

A CPSM Business Application Services Manager object that describes the set of CICS Definitions to be installed in CICS systems for a particular resource assignment (RASGNDEF), if the assignment is associated with a resource description (RESDESC). The CICS systems include all systems named in the target and related scopes (TARGET and RELATED) of the RASGNDEF.

This object is referenced within the scope of a CICSplex and resource assignment. As such, the resource assignment must be explicitly identified in theAPI GET command PARM option by coding the following text string:

APAR PQ30578

Documentation for APAR PQ30578 added 18/04/2000
```
PARM('RASGNDEF(resassign).')
```

where resassign = (Required) The name of a resource assignment.

Other parameters can also be specified, but the resource assignment name is required.

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

There are no object specific actions for this resource class.

External resource name
> CICSResourceByAssignment

Length
> 88

Usage API or CICS Management Client Interface

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICSPlex SM Manager

Copybook identifier
> EYUt2610

Table 213. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		RASGNDEF(value)	Yes

Table 214. RASPROC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	RESASSGN_NOT_FOUND	Resource assignment not found			

Table 215. RASPROC resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ALIAS	CHAR	CPSM	8	DIFF	No	Alias for remote definition	16
DEFVER	BINARY	CPSM	1	AVG	No	Resource definition version	12
MODE	EYUDA	CPSM	4	LIKE	No	Resource usage qualifier	11
MODE Output valid values	AUTO, DYNAM, EXTRA, INTRA, IND, STAT						
`RDEFTYPE-2`	CHAR	CPSM	8	DIFF	Yes	Resource definition type	5
`REFDEF-5`	CHAR	CPSM	8	DIFF	Yes	Referenced definition name	13
REFTYPE	CHAR	CPSM	8	DIFF	No	Referenced definition type	15
REFVER	CHAR	CPSM	2	DIFF	No	Referenced definition version	14
`RESASSGN-6`	CHAR	CPSM	8	DIFF	Yes	Resource assignment name	8
`RESDEF-1`	CHAR	CPSM	8	DIFF	Yes	Resource definition name	4
RESGROUP	CHAR	CPSM	8	DIFF	No	Resource group name	9
`RSCOPE-4`	CHAR	CPSM	8	DIFF	Yes	Related scope name	7
`TSCOPE-3`	CHAR	CPSM	8	DIFF	Yes	Target scope name	6
USAGE	EYUDA	CPSM	4	LIKE	No	Resource usage type	10
USAGE Output valid values	LOCAL, REMOTE						

RDSCPROC Resource Table

A CPSM Business Application Services Manager object that describes the set of CICS Definitions to be installed in CICS systems for a particular resource description (RESDESC).

This object is referenced within the scope of a CICSplex and resource description. As such, the resource description must be explicitly identified in theAPI GET command PARM option by coding the following text string:

APAR PQ30578

Documentation for APAR PQ30578 added 18/04/2000

```
PARM('RESDESC(resdesc).')
```

where resdesc = (Required) The name of a resource description.

Other parameters can also be specified, but the resource description name is required.

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

There are no object specific actions for this resource class.

External resource name
CICSResourceByDescription

Length
96

Usage   API or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Manager

Copybook identifier
EYUt2609

Table 216. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		RESDESC(value)	Yes

Table 217. RDSCPROC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	RESDESC_NOT_FOUND	Resource description not found			

Table 218. RDSCPROC resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ALIAS	CHAR	CPSM	8	DIFF	No	Alias for remote definition	17
DEFVER	BINARY	CPSM	1	AVG	No	Resource definition version	13
MODE	EYUDA	CPSM	4	LIKE	No	Resource usage qualifier	12
MODE Output valid values	AUTO, DYNAM, EXTRA, INTRA, IND, STAT						
`RDEFTYPE-2`	CHAR	CPSM	8	DIFF	Yes	Resource definition type	5
`REFDEF-5`	CHAR	CPSM	8	DIFF	Yes	Referenced definition name	14
REFTYPE	CHAR	CPSM	8	DIFF	No	Referenced definition type	16
REFVER	CHAR	CPSM	2	DIFF	No	Referenced definition version	15

Table 218. RDSCPROC resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
RESASSGN	CHAR	CPSM	8	DIFF	No	Resource assignment name	8
`RESDEF-1`	CHAR	CPSM	8	DIFF	Yes	Resource definition name	4
`RESDESC-6`	CHAR	CPSM	8	DIFF	Yes	Resource description name	10
RESGROUP	CHAR	CPSM	8	DIFF	No	Resource group name	9
`RSCOPE-4`	CHAR	CPSM	8	DIFF	Yes	Related scope name	7
`TSCOPE-3`	CHAR	CPSM	8	DIFF	Yes	Target scope name	6
USAGE	EYUDA	CPSM	4	LIKE	No	Resource usage type	11
USAGE Output valid values	LOCAL, REMOTE						

RECOVERY Resource Table

A CICS Resource that provides recovery manager information in an active system being managed by CICSPlex SM.

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

There are no object specific actions for this resource class.

External resource name
> CICSRecoveryManager

Length
> 160

Usage   API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Resource

Copybook identifier
> EYUt0124

Table 219. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 220. RECOVERY resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	

Table 220. RECOVERY resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
RMGATSHTI	INTTSTP	STAT	8	AVG	Average time UOWs shunted for indoubt failure	29
RMGATSHTR	INTTSTP	STAT	8	AVG	Average UOW commit/backout failure shunt time	31
RMGCATSHTI	INTTSTP	STAT	8	AVG	Average current UOW shunt time for indoubt failure	30
RMGCATSHTR	INTTSTP	STAT	8	AVG	Average current commit/backout failure shunt time	32
RMGCSHIN	BINARY	STAT	4	AVG	Total UOWs currently shunted for indoubt failure	9
RMGCSHRO	BINARY	STAT	4	AVG	Current UOWs shunted for commit/backout failure	11
RMGCSHTI	INTTSTP	STAT	8	MAX	Time current UOWs shunted for indoubt failure	14
RMGCSHTR	INTTSTP	STAT	8	MAX	Current UOW shunt time for commit/backout failure	16
RMGIAFNW	BINARY	STAT	4	AVG	Total of indoubt actions forced by NOWAIT option	19
RMGIAFOP	BINARY	STAT	4	AVG	Total of indoubt actions forced by operator	20
RMGIAFOT	BINARY	STAT	4	AVG	Total of indoubt actions forced by other reasons	21
RMGIAFTI	BINARY	STAT	4	AVG	Total of indoubt actions forced by timeout	18
RMGIAFTR	BINARY	STAT	4	AVG	Total indoubt actions forced by definition	17
RMGIAMIS	BINARY	STAT	4	AVG	Total number of indoubt action mismatches	22
RMGNW61	BINARY	STAT	4	AVG	Total indoubt actions forced by LU61 NOWAIT option	24
RMGNWMRO	BINARY	STAT	4	AVG	Total indoubt actions forced by MRO NOWAIT option	25
RMGNWOTH	BINARY	STAT	4	AVG	Total indoubt actions forced by other NOWAIT	27
RMGNWRMI	BINARY	STAT	4	AVG	Total indoubt actions forced by RMI NOWAIT option	26
RMGNWTD	BINARY	STAT	4	AVG	Total indoubt actions forced by TD NOWAIT option	23
RMGRESYN	BINARY	STAT	4	AVG	Total resynchronization requests issued	7
RMGSYBWD	BINARY	STAT	4	AVG	Number of SYNCPOINT ROLLBACK requests issued	6
RMGSYFWD	BINARY	STAT	4	AVG	Number of SYNCPOINT requests issued	5
RMGTSHIN	BINARY	STAT	4	AVG	Total number of UOWs shunted for indoubt failure	8
RMGTSHRO	BINARY	STAT	4	AVG	Total of UOWs shunted for commit/backout failure	10
RMGTSHTI	INTTSTP	STAT	8	MAX	Total time UOWs shunted for indoubt failure	13

Table 220. RECOVERY resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
RMGTSHTR	INTTSTP	STAT	8	MAX	Total time UOWs shunted for commit/backout failure	15

REMFILE Resource Table

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

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

The following action is supported:

DISCARD
Remove the installed Remote File

The DISCARD action requires no unique parameter data.

External resource name
CICSRemoteFile

Length
136

Usage API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0010

Table 221. Valid CPSM operations

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

Table 222. REMFILE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
ADDCNT	BINARY	STAT	4	AVG	No	Number of WRITE requests			10

Table 222. REMFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	21
BROWSECNT	BINARY	STAT	4	AVG	No	The number of READNEXT and READPREV requests			9
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	13
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, TABLE, SYSTEM, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	14
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	16
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	12
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	17
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	18
ENABLESTATUS	CVDAS	INQ	4	LIKE	No	Enable status		E330PLUS	4
ENABLESTATUS Output valid values	ENABLED, DISABLED, UNENABLED, DISABLING, NOTAPPLIC								
FILE-1	CHAR	INQ	8	DIFF	Yes	File ID			1
GETCNT	BINARY	STAT	4	AVG	No	Number of READ requests			7
GETUPDCNT	BINARY	STAT	4	AVG	No	Number of READ UPDATE requests			8
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	15
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, TABLE, SYSTEM, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	20
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	19
KEYLENGTH	BINARY	INQ	4	AVG	No	Key length			5
REMDELCNT	BINARY	STAT	4	AVG	No	Number of DELETE requests			6
REMOTENAME	CHAR	INQ	8	DIFF	No	Remote file name			2
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name			3
UPDATECNT	BINARY	STAT	4	AVG	No	Number of REWRITE requests			11

REMTDQ Resource Table

A CICS Resource that describes a remote transient data queue in an active CICS system being managed by CICSPlex SM.

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

The following action is supported:

DISCARD
>   Remove the remote transient data queue.

The DISCARD action requires no unique parameter data.

External resource name
>   CICSRemoteTDQueue

Length
>   96

Usage API or CICS Management Client Interface or EVALDEF

API view
>   Yes

CMAS context
>   No

SCOPE applies
>   Yes

Only query CMASs in workload
>   No

Object type
>   CICS Resource

Copybook identifier
>   EYUt0029

Table 223. Valid CPSM operations

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

Table 224. REMTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	14
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	5
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, SYSTEM, CREATESPI, NOTAPPLIC								

Table 224. REMTDQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	7
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	8
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	6
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	9
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	10
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	13
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST, SYSTEM								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	12
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	11
OUTCNT	BINARY	STAT	4	AVG	No	Number of READ, WRITE, and DELETE requests			4
REMOTENAME	CHAR	INQ	4	DIFF	No	Remote name			2
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system			3
`TDQUEUE-1`	CHAR	INQ	4	DIFF	Yes	Queue ID			1

REMTRAN Resource Table

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

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

The following actions are supported:

DISABLE
Disable the remote transaction.

DISCARD
Remove the remote transaction.

ENABLE
Enable the remote transaction.

These actions require no unique parameter data.

External resource name
CICSRemoteTransaction

Length
160

Usage API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Resource

Copybook identifier
> EYUt0023

Table 225. 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 226. REMTRAN FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid			

Table 227. REMTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	25
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	16
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, SYSTEM, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	18
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	20
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	17
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	21
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	22
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	19

Table 227. REMTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, SYSTEM, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	24
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	23
PRIORITY	BINARY	INQ	4	AVG	Yes	Transaction priority			9
PROFILE	CHAR	INQ	8	DIFF	No	Profile name			4
PURGEABILITY	CVDAS	INQ	4	LIKE	Yes	Purgeability status			10
PURGEABILITY Input/output valid values	PURGEABLE, NOTPURGEABLE								
REMOTECNT	BINARY	STAT	4	AVG	No	Number of times transaction run remotely			7
REMOTENAME	CHAR	INQ	8	DIFF	No	Remote transaction ID			2
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name			3
REMSTARTCNT	CNUMERIC	STAT	4	SUM	No	Number of times transaction started			15
ROUTING	CVDAS	INQ	4	LIKE	No	Routing status			6
ROUTING Output valid values	DYNAMIC, STATIC								
RTIMEOUT	BINARY	INQ	4	AVG	No	Read timeout (seconds)			11
SCRNSIZE	CVDAS	INQ	4	LIKE	No	Screen size			12
SCRNSIZE Output valid values	DEFAULT, ALTERNATE								
STATUS	CVDAS	INQ	4	LIKE	Yes	Enabled status			13
STATUS Input/output valid values	ENABLED, DISABLED								
TRANCLASS	CHAR	INQ	8	DIFF	Yes	Transaction class name			14
`TRANID-1`	CHAR	INQ	4	DIFF	Yes	Transaction ID			1
TRPROF	CHAR	INQ	8	DIFF	No	Name of transaction-routing-session profile			5
USECOUNT	BINARY	STAT	4	SUM	No	Number of times transaction has been used			8

REQID Resource Table

A CICS Resource that describes an outstanding interval control request in an active CICS system being managed byCICSPlex SM .

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

External resource name
CICSIntervalControlRequest

Length
80

Usage API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Resource

Copybook identifier
> EYUt0060

Table 228. Valid CPSM operations

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

Table 229. REQID resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
FMHSTATUS	CVDAS	INQ	4	LIKE	No	Function management headers status	9
FMHSTATUS Output valid values	FMH, NOFMH, NOTAPPLIC						
INTERVAL	DECTIME	INQ	4	MAX	No	Interval until request expires	10
`NAME-1`	CHAR	INQ	8	MIN	Yes	Request name	1
QUEUE	CHAR	INQ	8	DIFF	No	QUEUE from START command that created request	8
REQTYPE	CVDAS	INQ	4	LIKE	No	Type of command that created request	3
REQTYPE Output valid values	START, POST, DELAY						
`RSEQ-2`	BINARY	CPSM	4	MIN	No	Sequence number	14
RTERMID	CHAR	INQ	4	DIFF	No	RTERMID from START command that created request	7
RTRANSID	CHAR	INQ	4	DIFF	No	RTRANSID from START command that created request	6
TERMID	CHAR	INQ	4	DIFF	No	TERMID from START command that created request	5
TIME	DECTIME	INQ	4	MAX	No	Expiration time	11
TRANSID	CHAR	INQ	4	DIFF	No	TRANSID specified by command creating request	2
USERID	CHAR	INQ	8	DIFF	No	Associated user ID	4

RESDESC Resource Table

A CPSM Business Application Services Definition that describes a set of logically related CICS Definitions. The set of CICS Definitions can be installed in CICS systems that support EXEC CICS CREATE and named as the scope for CICSPlex SM requests.

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

The following actions are supported:

INSTALL
> Install a Resource Description.

REPLACE
> Replace a Resource Description.

The parameter data for these actions is described in "Parameters for installing CICS definitions using BAS" on page 17. For information about the API CREATE parameter, MODEL see "Creating Resource descriptions" on page 13.

External resource name
> CICSResourceDescription

Length
> 1120

Usage API or Batch Utility or CICS Management Client Interface

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICSPlex SM Definition

Copybook identifier
> EYUt3521

Table 230. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		MODEL(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES|NO)	No
		NOTIFY(NO|INACTIVE|RELEASE|FULL)	
		STATECHK(YES|NO)	No
	REPLACE	CURRENT(value)	Yes
		FORCEINS(YES|NO)	No
		NOTIFY(NO|INACTIVE|RELEASE|FULL)	

Table 230. Valid CPSM operations (continued)

STATECHK(YES│NO)	No

Table 231. RESDESC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	13	INCONSISTENT_SET	Inconsistent set condition
21	INV_RECORD	Invalid record	22	INV_ACTION	Invalid action
23	INV_MODEL	Invalid model	24	INCOMPLETE_DEFSET	Incomplete definition set
25	INCONSISTENT_SCOPES	Inconsistent scopes	26	NOTIFY	Notify
27	INSRDSC_NOTFND	Install resource description not found	28	REPRDSC_NOTFND	Replacement resource description not found
29	PARTIAL_INSTALL	Partial install	30	NOTHING_INSTALLED	Nothing installed
31	NODEFS_SELECTED	No definitions selected	32	NO_TARGETS	No targets
33	INV_INSRDSC	Invalid install resource description name	34	INV_REPRDSC	Invalid replacement resource description name
35	INV_FORCEINS	Invalid force install	36	INV_STATECHK	Invalid state check
37	INV_NOTIFY	Invalid notify	38	INV_NAME	Name generic or blanks

Table 232. RESDESC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ATMDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for Atom Service definitions			132
ATMDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for Atom Service definitions			134
ATMDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for Atom Service definitions			133
AUTOINST	EYUDA	CPSM	4	No	LIKE	No	Autoinstall request type	NO		9
AUTOINST Input/output valid values	NO, YES									
BUNDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for Bundle definitions			135
BUNDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for Bundle definitions			137
BUNDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for Bundle definitions			136
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			127

Table 232. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			130
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			129
CONDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for connection definitions			11
CONDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for connection definitions			13
CONDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for connection definitions			12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			128
D2CDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for DB2 connection definitions			62
D2CDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for DB2 connection definitions			64
D2CDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for DB2 connection definitions			63
D2EDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for DB2 entry definitions			65
D2EDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for DB2 entry definitions			67
D2EDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for DB2 entry definitions			66
D2TDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for DB2 transaction definitions			68
D2TDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for DB2 transaction definitions			70
D2TDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for DB2 transaction definitions			69
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	120
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			10
DOCDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for document template definitions			84
DOCDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for document template definitions			86

Table 232. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
DOCDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for document template definitions			85
EJCDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for CorbaServer definitions			105
EJCDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for CorbaServer definitions			107
EJCDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for CorbaServer definitions			106
EJDDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for CICS-deployed JAR file definitions			108
EJDDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for CICS-deployed JAR file definitions			110
EJDDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for CICS-deployed JAR file definitions			109
ENQDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for enqueue model definitions			78
ENQDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for enqueue model definitions			80
ENQDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for enqueue model definitions			79
FLEDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for file definitions			14
FLEDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for file definitions			16
FLEDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for file definitions			15
FNODEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for FEPI node definitions			99
FNODEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for FEPI node definitions			101
FNODEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for FEPI node definitions			100
FPODEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for FEPI pool definitions			93
FPODEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for FEPI pool definitions			95
FPODEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for FEPI pool definitions			94

Table 232. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
FPRDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for FEPI property set definitions			102
FPRDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for FEPI property set definitions			104
FPRDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for FEPI property set definitions			103
FSGDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for file key segment definitions			71
FSGDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for file key segment definitions			73
FSGDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for file key segment definitions			72
FTRDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for FEPI target definitions			96
FTRDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for FEPI target definitions			98
FTRDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for FEPI target definitions			97
IPCDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for IPIC connection definitions			121
IPCDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for IPIC connection definitions			123
IPCDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for IPIC connection definitions			122
JMSDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for JVM Server definitions			141
JMSDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for JVM Sever definitions			143
JMSDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for JVM Server definitions			142
JRLDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for journal definitions			17
JRLDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for journal definitions			19
JRLDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for journal definitions			18
JRMDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for journal model definitions			20

Table 232. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
JRMDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for journal model definitions			22
JRMDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for journal model definitions			21
LIBDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for LIBRARY definitions			124
LIBDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for LIBRARY definitions			126
LIBDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for LIBRARY definitions			125
LSCOPE	CHAR	CPSM	8	No	DIFF	No	Logical scope name			6
LSRDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for LSR pool definitions			23
LSRDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for LSR pool definitions			25
LSRDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for LSR pool definitions			24
LSREGSTR	EYUDA	CPSM	4	No	LIKE	No	Logical scope registration	NO		8
LSREGSTR Input/output valid values	NO, YES									
MAPDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for map set definitions			26
MAPDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for map set definitions			28
MAPDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for map set definitions			27
MQCDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for MQ Connection definitions			138
MQCDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for MQ Connection definitions			140
MQCDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for MQ Connection definitions			139
PARDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for partner definitions			29
PARDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for partner definitions			31
PARDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for partner definitions			30
PIPDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for Pipeline definitions			111
PIPDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for Pipeline definitions			113
PIPDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for Pipeline definitions			112
PRCDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for process type definitions			87

Table 232. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
PRCDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for process type definitions			89
PRCDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for process type definitions			88
PRGDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for program definitions			38
PRGDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for program definitions			40
PRGDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for program definitions			39
PRODEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for profile definitions			35
PRODEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for profile definitions			37
PRODEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for profile definitions			36
PRTDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for partition set definitions			32
PRTDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for partition set definitions			34
PRTDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for partition set definitions			33
`RESDESC-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource description name			5
RGSCOPE	CHAR	CPSM	8	No	DIFF	No	Resource group scope name			7
RQMDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for request model definitions			90
RQMDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for request model definitions			92
RQMDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for request model definitions			91
SESDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for session definitions			41
SESDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for session definitions			43
SESDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for session definitions			42
TCLDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for transaction class definitions			53
TCLDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for transaction class definitions			55

Table 232. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
TCLDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for transaction class definitions			54
TCPDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for TCP/IP service definitions			81
TCPDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for TCP/IP service definitions			83
TCPDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for TCP/IP service definitions			82
TDQDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for TD queue definitions			44
TDQDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for TD queue definitions			46
TDQDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for TD queue definitions			45
TRMDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for terminal definitions			47
TRMDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for terminal definitions			49
TRMDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for terminal definitions			48
TRNDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for transaction definitions			50
TRNDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for transaction definitions			52
TRNDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for transaction definitions			51
TSMDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for TS model definitions			75
TSMDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for TS model definitions			77
TSMDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for TS model definitions			76
TYPDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for typeterm definitions			59
TYPDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for typeterm definitions			61
TYPDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for typeterm definitions			60
URIDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for URIMAP definitions			114
URIDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for URIMAP definitions			116
URIDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for URIMAP definitions			115

Table 232. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
WEBDEFRG	CHAR	CPSM	8	No	DIFF	No	Resource group for WebService definitions			117
WEBDEFRS	CHAR	CPSM	8	No	DIFF	No	Related scope for WebService definitions			119
WEBDEFTS	CHAR	CPSM	8	No	DIFF	No	Target scope for WebService definitions			118

RESGROUP Resource Table

A CICSPlex SM Business Application Services Definition that provides the association anchor for a set of CICS Definitions. References to a RESGROUP are inferred to be references to the set of associated CICS Definition instances.

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

The following actions are supported:

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

For information on the API CREATE parameters (MODEL and MODE), see "Parameters for managing CICS Definitions" on page 13.

External resource name
> CICSResourceGroup

Length
> 112

Usage API or Batch Utility or CICS Management Client Interface

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICSPlex SM Definition

Copybook identifier
> EYUt3519

Table 233. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

CREATE		MODE(NO I ASSOCIATIONS IMEMBERS)	
		MODEL(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	ASSIGNMENT(value)	No
		CRITERIA	No
		FORCEINS(YES I NO)	No
		MODE(DYNAM I STAT I INTRAIoEXTRA I IND)	No
		NOTIFY(NO I INACTIVE I REINoASE I FULL)	
		OVERRIDE	No
		OVERTYPE(TARGET I RELATNIo I BOTH I NONE)	
		REFASSIGN(value)	No
		RELATED(value)	No
		RESTYPE(ATOMDEF I BUNDNEF I CONNDEF I DB2CDEF I DB2EDEF I DB2	No
		STATECHK(YES I NO)	No
		TARGET(value)	No
		USAGE(LOCAL I REMOTE)	No
	ADDTODSC	DESCCODEPAGE(value)	No
		DESCRIPTION(value)	No
		RESDESC(value)	Yes

Table 234. RESGROUP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INV_RECORD	Invalid record
22	INV_COPYRES	Invalid copy mode	23	INV_MODEL	Invalid model
24	INV_MODEL_REQUIRED	Model name required	25	INV_MAX_VERSIONS	Invalid maximum versions
26	INCOMPLETE_DEFSET	Incomplete definition set	27	RESGROUP_IN_USE	Resource group in use
28	RASGNDEF_IN_USE	Resource assignment definition in use	29	INV_NAME	Invalid name
30	NOTIFY	Notify	31	PARTIAL_INSTALL	Partial install
32	NOTHING_INSTALLED	Nothing installed	33	NO_TARGETS	No targets
34	NO_RELATED	No related systems	35	INV_TSCOPE	Invalid target scope
36	INV_RSCOPE	Invalid related scope	37	INV_USAGE	Invalid usage
38	INV_MODE	Invalid mode value	39	INV_STATECHK	Invalid state check
40	INV_FORCEINS	Invalid force install	41	INV_NOTIFY	Invalid notify
42	INV_OVERTYPE	Invalid overtype	43	INV_OVRBLOCK	Invalid override block
44	INV_FILTER	Invalid filter	45	INV_ORSTRING	Invalid override string
46	INV_STRNGTERM	Invalid string terminator	47	INV_EMBEDTERM	Invalid embedded terminator
48	INV_ATTRIBUTE	Invalid attribute	49	INV_OPERATOR	Invalid operator
50	INV_LITERAL	Invalid literal	51	INV_ORSTGNA	Override string not allowed

Table 234. RESGROUP FEEDBACK error codes (continued)

52	RSCOPE_REQUIRED	Related scope required	53	TSCOPE_REQUIRED	Target scope required
54	USAGE_CONFLICT	Usage conflict	55	REFASSGN_REQ	Referenced resource assignment required
56	REFASSIGN_NOTFND	Referenced resource assignment not found	57	RESTYPE_NOTINSTL	Resource type not installed
58	NODEFS_SELECTED	No definitions selected	59	INCOMPATIBLE_OVR	Incompatible override
60	INCOMPATIBLE_FILTER	Incompatible filter	61	MORE_THAN_1_RELSYS	More than one related system
62	MISSING_RELSYSID	Missing related system identifier	63	SCOPE_CONFLICT	Scope conflict
64	INV_ACTION	Invalid action	65	INCONSISTENT_SET	Inconsistent set

Table 235. RESGROUP resource table attributes

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

RESINDSC Resource Table

A CPSM Business Application Services Definition that describes the membership of a resource group (RESGROUP) in a resource description (RESDESC).

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

There are no object specific actions for this resource class.

External resource name
CICSResourceGroupInDescription

Length
120

Usage API or Batch Utility or CICS Management Client Interface

API view
No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICSPlex SM Definition

Copybook identifier
> EYUt4865

Table 236. Valid CPSM operations

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

Table 237. RESINDSC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	13	INCONSISTENT_SET	Inconsistent set condition
21	INV_RECORD	Invalid record	22	INV_ACTION	Invalid action
23	RESDESC_NOUPD	Resource description not updatable	24	RESGROUP_NOUPD	Resource group not updatable
25	INV_NAME	Invalid name	26	INV_MINNAME	Invalid minor name

Table 238. RESINDSC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			9
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			12
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			11
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	8
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description			7

Table 238. RESINDSC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
`RESDESC-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource description name			5
`RESGROUP-2`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name			6

RESINGRP Resource Table

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

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

The following action is supported:

REMOVE
> Remove the association between a resource definition and a resource group.

The REMOVE action requires no unique parameter data.

External resource name
> CICSResourceInGroup

Length
> 136

Usage   API or CICS Management Client Interface

API view
> Yes

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICSPlex SM Definition

Copybook identifier
> EYUt6144

Table 239. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		RESGROUP(value)	No
		RESNAME(value)	No
		RESTYPE(value)	No
		RESVER(value)	No
REMOVE		None	N/A

Table 240. RESINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
2	REC_NOT_FOUND	Requested resource not found	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	23	INV_NAME	Invalid name
24	INV_MINNAME	Invalid minor name			

Table 241. RESINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			14
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			17
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			16
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			15
DEFDESC	CHAR	CPSM	58	No	DIFF	No	Resource definition description			9
`DEFNAME-3`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource definition			7
`DEFTYPE-2`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource definition type			6
DEFTYPEX	RESTYPE	CPSM	2	Yes	LIKE	No	Resource definition ID			11
`DEFVER-4`	BINARY	CPSM	1	Yes	AVG	Yes	Resource definition version	0	0-15	8
INGPTYPE	CHAR	CPSM	8	Yes	LIKE	No	Resource in group type			12
INGPTYPX	RESTYPE	CPSM	2	Yes	LIKE	No	Resource in group ID			13
`RESGROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group			5

RPLLIST Resource Table

A CICS resource that describes a data set in the DFHRPL concatenation sequence.

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

There are no object specific actions for this resource class.

External resource name
CICSDFHRPLDataSet

Length
64

Usage API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0018

Table 242. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 243. RPLLIST resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
DSNAME	CHAR	CPSM	44	DIFF	No	Static RPL data set name	2
`RPLNUM-1`	BINARY	CPSM	4	AVG	Yes	Static RPL data set position	1

RQMDEF Resource Table

A CICS Definition that describes a request model.

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

The following actions are supported:

INSTALL
Install a Request Model Definition.

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

External resource name
CICSDefinitionRequestModel

Length
1288

Usage API or Batch Utility or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
　　CICS Definition

Copybook identifier
　　EYUt3826

Table 244. 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 245. RQMDEF FEEDBACK error codes

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

Table 245. RQMDEF FEEDBACK error codes (continued)

41	INV_OVERTYPE	Invalid over type	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
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 246. RQMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
BEANNAME	CHAR	CPSM	240	Yes	DIFF	No	Enterprise bean				23
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	28
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	30
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	29
CORBASERVER	CHAR	CPSM	4	Yes	DIFF	No	CorbaServer				17
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				12
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	32
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		27
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				16
INTERFACE	CHAR	CPSM	255	Yes	DIFF	No	Interface name				25
INTFACETYPE	CVDAS	CPSM	4	Yes	LIKE	No	Java interface type	BOTH			20
INTFACETYPE Input/output valid values	HOME, REMOTE, BOTH, NOTAPPLIC										
MODULE	CHAR	CPSM	255	Yes	DIFF	No	Module name				24

Table 246. RQMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
OMGINTERFACE	CHAR	CPSM	31	No	DIFF	No	Object management group (OMG) interface name				9
OMGMODULE	CHAR	CPSM	58	No	DIFF	No	Object management group (OMG) module name				8
OMGOPERATION	CHAR	CPSM	31	No	DIFF	No	Object management group (OMG) operation name				10
OPERATION	CHAR	CPSM	255	Yes	DIFF	No	Operation name				26
RTYPE	CVDAS	CPSM	4	Yes	LIKE	No	Request model type	GENERIC			19
RTYPE Input/output valid values	EJB, CORBA, GENERIC										
TRANSID	CHAR	CPSM	4	Yes	DIFF	No	CICS transaction ID				11
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				13
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				14
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				15

RQMINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
> 56

Usage   API or Batch Utility 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 247. Valid CPSM operations

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

Table 248. RQMINGRP FEEDBACK error codes

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

Table 249. RQMINGRP resource table attributes

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

RQMODEL Resource Table

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

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

The following actions are supported:

DISCARD

Discard a request model.

The DISCARD action requires no unique parameter data.

External resource name
    CICSRequestModel

Length
    1232

Usage   API or CICS Management Client Interface or EVALDEF

API view
    Yes

CMAS context
    No

SCOPE applies
    Yes

Only query CMASs in workload
    No

Object type
    CICS Resource

Copybook identifier
    EYUt0098

Table 250. Valid CPSM operations

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

Table 251. RQMODEL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	23
BEANNAME	CHAR	INQ	240	DIFF	No	Enterprise bean			9
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	14
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	16
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	17
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	15
CORBASERVER	CHAR	INQ	4	DIFF	No	CorbaServer			6
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	18
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	19
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	22

Table 251. RQMODEL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	21
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	20
INTERFACE	CHAR	INQ	255	DIFF	No	Interface name			11
INTFACETYPE	CVDAS	INQ	4	LIKE	No	Java interface type	BOTH		8
INTFACETYPE Output valid values	HOME, REMOTE, BOTH, NOTAPPLIC								
MODULE	CHAR	INQ	255	DIFF	No	Module name			10
`NAME-1`	CHAR	INQ	8	DIFF	Yes	Request model name			1
OMGINTERFACE	CHAR	INQ	31	DIFF	No	Object management group (OMG) interface name		E610PLUS	3
OMGMODULE	CHAR	INQ	58	DIFF	No	Object management group (OMG) module name		E610PLUS	2
OMGOPERATION	CHAR	INQ	31	DIFF	No	Object management group (OMG) operation name		E610PLUS	4
OPERATION	CHAR	INQ	255	DIFF	No	Operation name			12
RTYPE	CVDAS	INQ	4	LIKE	No	Request model type	GENERIC		7
RTYPE Output valid values	EJB, CORBA, GENERIC								
TRANSID	CHAR	INQ	4	DIFF	No	CICS transaction ID			5

RTAACTV Resource Table

A CPSM Real Time Analysis Manager object that describes the characteristics of an analysis or status definition installed in a specific CICS system.

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

The following actions are supported:

DISCARD
Unconditionally remove the installed definition.

DEACTIVATE
Remove the installed definition honoring a PERIODEF.

These actions require no unique parameter data.

External resource name
CICSRTAInstalledDefinition

Length
64

Usage API or CICS Management Client Interface

API view
> No

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICSPlex SM Manager

Copybook identifier
> EYUt2529

Table 252. Valid CPSM operations

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

Table 253. RTAACTV FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
21	DEACT_NOT_ALLOWED	Deactivate not allowed			

Table 254. RTAACTV resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ACTION	CHAR	CPSM	8	DIFF	No	Associated action name	4
`ACTIVETIME-2`	CHAR	CPSM	8	DIFF	Yes	Period definition name	3
CICSSYS	CHAR	CPSM	8	DIFF	No	CICS system name	2
`NAME-1`	CHAR	CPSM	8	DIFF	Yes	Definition name	1
RATE	BINARY	CPSM	4	AVG	No	Interval between evaluations (seconds)	5
STATUS	EYUDA	CPSM	4	LIKE	No	Definition status	6
STATUS Output valid values	ACTIVE, PENDING						
`TYPE-3`	RESTYPE	CPSM	2	LIKE	Yes	Analysis definition type (analysis or status)	7

RTADEF Resource Table

A CPSM Real Time Analysis Definition that describes a single analysis operation for a set of evaluations. The analysis operation controls identify the evaluations to reference and information about the frequency and modes used to determine if the analysis state is TRUE.

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

The following actions are supported:

INSTALL

Install the definition into each active CICS system that has Real Time Analysis active within the specified scope. If provided the PERIODEF is used to provide the valid operational time of the RTADEF.

The parameter data for the INSTALL action is:

```
PARM('[PERIOD(period)].')

  where:

  period = The name of a PERIODEF definition.
```

APINSTALL

Install the definition into an active APSPEC.

The parameter data for the APINSTALL action is:

```
PARM('APSPEC(spec) [PERIOD(period)].')

  where:

  spec   = (Required) The name of an active APSPEC.
  period = The name of a PERIODEF definition.
```

The RTADEF is installed in each active CICS system in the current scope that has Real Time Analysis active. If provided, the PERIODEF is used to determine the valid operational time of the RTADEF.

External resource name
CICSRTADefinition

Length
672

Usage API or Batch Utility or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Definition

Copybook identifier
EYUt3507

Table 255. Valid CPSM operations

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

Table 255. Valid CPSM operations (continued)

PERFORM SET	INSTALL	PERIOD(value)	No	
		SCOPE(value)	No	
	APINSTALL	APSPEC(value)	Yes	
		PERIOD(value)	No	
		SCOPE(value)	No	
	ADDTOGRP	ACTIVETIME(value)	No	
		RESGROUP(value)	Yes	

Table 256. RTADEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Not found	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	6	INV_RESTYPE	Invalid restype
7	NONE_INSTALLED	None installed	8	PARTIAL_INSTALL	Partial install
9	ALREADY_INSTALLED	Already installed	10	NO_ACTIVE_SYSTEMS	No active systems for install
11	MISSING_APSPEC	Missing analysis point specification	12	INVALID_APSPEC_NAME	Invalid analysis point specification name
13	INVALID_NAMELIST	Invalid namelist	14	EARLY_NAMELIST_END	Early namelist end
15	INVALID_DEFTYPE	Invalid definition type	16	INVALID_TYPE	Invalid request type
17	INVALID_SCOPE	Invalid scope	18	INVALID_CONTEXT	Invalid context
19	NO_RECORD_FOUND	No RTA definition found for install			

Table 257. RTADEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ACTION	CHAR	CPSM	8	Yes	DIFF	No	Action definition name			9
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			32
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			35
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			34
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			33
DESC	CHAR	CPSM	58	No	DIFF	No	Description			22
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	31
EVALEXPRTEXT	CHAR	CPSM	500	Yes	DIFF	No	Evaluation expression			24
EXEC_OPS	EYUDA	CPSM	4	Yes	LIKE	No	Execute evaluation modification string	NO		30

Table 257. RTADEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
EXEC_OPS Input/output valid values	YES, NO, ALWAYS									
HSENTRY	BINARY	CPSM	4	Yes	AVG	No	Count of true evaluations before HS raised	1	1-9999	14
HSEXIT	BINARY	CPSM	4	Yes	AVG	No	Count of false evaluations before HS resolved	1	1-9999	20
HWENTRY	BINARY	CPSM	4	Yes	AVG	No	Count of true evaluations before HW raised	1	1-9999	13
HWEXIT	BINARY	CPSM	4	Yes	AVG	No	Count of false evaluations before HW resolved	1	1-9999	19
LSENTRY	BINARY	CPSM	4	Yes	AVG	No	Count of true evaluations before LS raised	1	1-9999	11
LSEXIT	BINARY	CPSM	4	Yes	AVG	No	Count of false evaluations before LS resolved	1	1-9999	17
LWENTRY	BINARY	CPSM	4	Yes	AVG	No	Count of true evaluations before LW raised	1	1-9999	12
LWEXIT	BINARY	CPSM	4	Yes	AVG	No	Count of false evaluations before LW resolved	1	1-9999	18
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
RATE	BINARY	CPSM	4	Yes	AVG	No	Analysis interval	300	1-86400	8
VHSENTRY	BINARY	CPSM	4	Yes	AVG	No	Count of true evaluations before VHS raised	1	1-9999	15
VHSEXIT	BINARY	CPSM	4	Yes	AVG	No	Count of false evaluations before VHS resolved	1	1-9999	21
VLSENTRY	BINARY	CPSM	4	Yes	AVG	No	Count of true evaluations before VLS raised	1	1-9999	10
VLSEXIT	BINARY	CPSM	4	Yes	AVG	No	Count of false evaluations before VLS resolved	1	1-9999	16

RTAGROUP Resource Table

A CPSM Real Time Analysis Definition that provides the association anchor for a set of RTADEF or STATDEF definitions. References to the RTAGROUP are inferred to be references to the set of associated RTADEF or STATDEF instances.

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

The following actions are supported:

INSTALL

Install the set of definition RTADEF and STATDEF instances in the group into each active CICS system that has Real Time Analysis active within the specified scope.

APINSTALL

Install the set of definition into an active APSPEC.

The parameter data for the APINSTALL action is:

```
PARM('APSPEC(spec).')

   where:

   spec = (Required) The name of an active APSPEC.
```

Only the set of RTADEF instances associated with the RTAGROUP are installed since an APSPEC does not support STATDEF objects.

External resource name
CICSRTAGroup

Length
112

Usage API or Batch Utility or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Definition

Copybook identifier
EYUt3505

Table 258. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	SCOPE(value)	No
	APINSTALL	APSPEC(value)	Yes
		SCOPE(value)	No
	ADDTOSPC	SPEC(value)	Yes
	ADDTOAPS	SCOPE(value)	No
		SPEC(value)	Yes

Table 259. RTAGROUP FEEDBACK error codes

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

Table 259. RTAGROUP FEEDBACK error codes (continued)

3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	6	INV_RESTYPE	Invalid Restype
7	INV_VER	Invalid version	21	NONE_INSTALLED	No groups installed
22	PARTIAL_INSTALL	Partial install	23	NO_ACTIVE_SYSTEMS	No active systems
24	DUPLICATE_DEFINITION	Duplicate definition			

Table 260. RTAGROUP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			8
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			10
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 group			5

RTAINAPS Resource Table

A CPSM Real Time Analysis Definition that describes the membership of a real-time analysis group (RTAGROUP) in an analysis point specification (APSPEC). An RTAGROUP can be a member of multiple APSPECs.

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

There are no object specific actions for this resource class.

External resource name
> CICSRTAGroupInAnalysisPointSpecification

Length
> 64

Usage   API or Batch Utility or CICS Management Client Interface

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
No

Object type
CICSPlex SM Definition

Copybook identifier
EYUt5124

Table 261. Valid CPSM operations

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

Table 262. RTAINAPS FEEDBACK error codes

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

Table 263. RTAINAPS 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 user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
`GROUP-2`	CHAR	CPSM	8	Yes	DIFF	Yes	RTA group	6
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Analysis point specification	5
SCOPE	CHAR	CPSM	8	No	DIFF	No	Scope of RTA definitions in group	7

RTAINGRP Resource Table

A CPSM Real Time Analysis Definition that describes the membership of a real-time analysis definition (RTADEF) in a real-time analysis group (RTAGROUP). An RTADEF can be a member of multiple RTAGROUPs.

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

There are no object specific actions for this resource class.

External resource name
CICSRTAResourceInGroup

Length
> 64

Usage   API or Batch Utility or CICS Management Client Interface

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICSPlex SM Definition

Copybook identifier
> EYUt5377

Table 264. Valid CPSM operations

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

Table 265. RTAINGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	6	INV_RESTYPE	Invalid resource type

Table 266. RTAINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
ACTIVETIME	CHAR	CPSM	8	No	DIFF	No	Period definition	7
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
`DEFNAME-2`	CHAR	CPSM	8	Yes	DIFF	Yes	RTA definition	6
`GROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	RTA group	5

RTAINSPC Resource Table

A CPSM Real Time Analysis Definition that describes the membership of a real-time analysis group (RTAGROUP) in a real-time analysis specification (RTASPEC). An RTAGROUP may be a member of multiple RTASPECs.

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

There are no object specific actions for this resource class.

External resource name
> CICSRTAGroupInSpecification

Length
> 56

Usage API or Batch Utility or CICS Management Client Interface

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICSPlex SM Definition

Copybook identifier
> EYUt5122

Table 267. Valid CPSM operations

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

Table 268. RTAINSPC FEEDBACK error codes

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

Table 269. RTAINSPC resource table attributes

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

Table 269. RTAINSPC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
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	RTA group	6
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	RTA specification name	5

RTASPEC Resource Table

A CPSM Real Time Analysis Definition that describes the RTA control directives for a set of CICS systems. Using group associators, an RTASPEC object can determine which RTADEF and STATDEF instances are to be installed in each CICS system. Using scope link associators (LNKSRSCS), an RTASPEC object can determine which CICS systems fall under its processing scope. A CICS system can have a scope link associator to only one RTASPEC.

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

External resource name
> CICSRTASpecification

Length
> 192

Usage API or Batch Utility or CICS Management Client Interface

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICSPlex SM Definition

Copybook identifier
> EYUt3512

Table 270. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDSYSGRP	FORCE	No
		GROUP(value)	Yes
		INHERIT(NONE|NULL|FORCE)	No
		NONE	No
		NULL	No
	ADDSYSDEF	SYSTEM(value)	Yes

Table 271. RTASPEC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Does not exist	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	8	ACTION_NOT_FOUND	Action not found
9	LNKASSOC_EXISTS	Association already exists			

Table 272. RTASPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			20
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			23
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			22
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			21
DESC	CHAR	CPSM	58	No	DIFF	No	Description			18
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	19
MXTACTION	CHAR	CPSM	8	No	DIFF	No	Action for CICS-at-maximum-tasks event			16
MXTSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for CICS-at-maximum-tasks event			10
MXTSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A									
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	RTA specification name			5
NRMACTION	CHAR	CPSM	8	No	DIFF	No	Action for Non-responsive-MAS event			26
NRMSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for Non-responsive-MAS event			25
NRMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A									
SAMACTION	CHAR	CPSM	8	No	DIFF	No	Action for system availability monitoring event			12
SAMSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for system availability monitoring event			6

Table 272. RTASPEC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
SAMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A									
SDMACTION	CHAR	CPSM	8	No	DIFF	No	Action for system dump event			14
SDMSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for system dump event			8
SDMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A									
SOSACTION	CHAR	CPSM	8	No	DIFF	No	Action for short on storage (SOS) event			13
SOSSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for short on storage (SOS) event			7
SOSSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A									
STLACTION	CHAR	CPSM	8	No	DIFF	No	Action for CICS-stalled event			17
STLSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for CICS-stalled event			11
STLSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A									
TDMACTION	CHAR	CPSM	8	No	DIFF	No	Action for transaction dump event			15
TDMSEV	EYUDA	CPSM	4	No	LIKE	No	Severity for transaction dump event			9
TDMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A									

SESINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
> 56

Usage   API or Batch Utility 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
　　EYUt6155

Table 273. Valid CPSM operations

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

Table 274. SESINGRP FEEDBACK error codes

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

Table 275. SESINGRP 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
`SESSGROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
`SESSNAME-2`	CHAR	CPSM	8	Yes	DIFF	Yes	Session definition name	6
`SESSVER-3`	BINARY	CPSM	1	Yes	AVG	Yes	Session definition version	7

SESSDEF Resource Table

A CICS Definition that describes a session, which is a logical link between connected systems.

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

External resource name
　　CICSDefinitionSession

Length
496

Usage API or Batch Utility or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICS Definition

Copybook identifier
EYUt3810

Table 276. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	ADDTOGRP	RESGROUP(value)	Yes
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR | DUPNONE | DUPNOREPLACE | DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 277. SESSDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	INV_CSDGROUP	Invalid CSD group	30	REC_NOT_REMOVED	Record not removed
31	INV_RESOURCE	Invalid resource	32	INV_CICS_RESTYPE	Invalid CICS restype

Table 277. SESSDEF FEEDBACK error codes (continued)

33	PARTIAL_ACTION	Partial action	34	NOTHING_ACTIONED		Nothing actioned
35	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	36	INV_NOTTOAS		Either TO_CSDGROUP or AS_RESOURCE is required
37	CSD_ERROR	CSD access error				

Table 278. SESSDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
AUTOCONNECT	EYUDA	CPSM	4	Yes	LIKE	No	Autoconnect option	NO			8
AUTOCONNECT Input/output valid values	YES, NO, ALL										
BUILDCHAIN	EYUDA	CPSM	4	Yes	LIKE	No	Chain assembly required	YES			9
BUILDCHAIN Input/output valid values	YES, NO										
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	57
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	59
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	58
CONNECTION	CHAR	CPSM	4	Yes	DIFF	No	Connection definition name				10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				49
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	61
`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		56
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				53
DISCREQ	EYUDA	CPSM	4	Yes	LIKE	No	Honor disconnect reqeusts	NO			11
DISCREQ Input/output valid values	YES, NO										
INSERVICE	EYUDA	CPSM	4	Yes	LIKE	No	Session inservice	N_A		E330PL30S	
INSERVICE Input/output valid values	YES, NO, N_A										
IOAREALEN	CHAR	CPSM	8	No	DIFF	No	Minimum terminal input output area (TIOA) size	0	0-32767		12

Table 278. SESSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
IOAREALEN2	CHAR	CPSM	8	No	DIFF	No	Alternate terminal input output area (TIOA) size	0	0-32767		13
MAXCTWIN	CHAR	CPSM	4	No	DIFF	No	Maximum number of contention winner sessions		0-999		15
MAXINGRP	CHAR	CPSM	4	No	DIFF	No	Maximum number of sessions in the group		0-999		14
MODENAME	CHAR	CPSM	8	No	DIFF	No	Mode name				16
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
NEPCLASS	CHAR	CPSM	4	No	DIFF	No	Network error program transaction class	0	0-255		17
NETNAMEQ	CHAR	CPSM	8	No	DIFF	No	Name IMS system uses to identify session				18
OPERID	CHAR	CPSM	3	No	DIFF	No	Operator identifier			E330PLTS	37
OPERPRIORITY	CHAR	CPSM	4	No	DIFF	No	Operator priority	0	0-255	E330PLTS	29
OPERRSL	CHAR	CPSM	50	No	DIFF	No	Operator resource security keys			E330PLTS	34
OPERSEC	CHAR	CPSM	150	No	DIFF	No	Operator transaction security keys			E330PLTS	35
PARTCODEPAGE	CHAR	CPSM	8	No	DIFF	No	Partner code page	0	0-65534	EALL	33
PROTOCOL	CVDAS	CPSM	4	Yes	LIKE	No	Intercommunication link protocol	APPC			19
PROTOCOL Input/output valid values	APPC, EXCI, LU61, NOTAPPLIC										
RECEIVECOUNT	CHAR	CPSM	4	No	DIFF	No	Receive count		1-999		20
RECEIVEPFX	CHAR	CPSM	2	No	DIFF	No	Receive prefix				35
RECEIVESIZE	CHAR	CPSM	8	No	DIFF	No	Receive buffer size	4096	1-30720		21
RECOVNOTIFY	EYUDA	CPSM	4	Yes	LIKE	No	XRF recovery notification option	N_A		E410PLTS	23
RECOVNOTIFY Input/output valid values	NONE, MESSAGE, TRANSACTION, N_A										
RECOVOPTION	EYUDA	CPSM	4	Yes	LIKE	No	Recovery option	SYSDEFAULT			22
RECOVOPTION Input/output valid values	SYSDEFAULT, CLEARCONV, NONE, RELEASESESS, UNCONDREL										
RELREQ	EYUDA	CPSM	4	Yes	LIKE	No	Honor release requests	NO			24
RELREQ Input/output valid values	YES, NO										
SENDCOUNT	CHAR	CPSM	4	No	DIFF	No	Send count		1-999		25
SENDPFX	CHAR	CPSM	2	No	DIFF	No	Send prefix				36
SENDSIZE	CHAR	CPSM	8	No	DIFF	No	Send buffer size	4096	1-30720		26
SESSNAME	CHAR	CPSM	4	No	DIFF	No	Session name				27
SESSPRIORITY	CHAR	CPSM	4	No	DIFF	No	Session priority	0	0-255		28

Table 278. SESSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
TRANSACTION	CHAR	CPSM	4	No	DIFF	No	Transaction to be initiated from device			E330PLUS	31
USERAREALEN	CHAR	CPSM	4	No	DIFF	No	User area size	0	0-255		32
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				50
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				51
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				52
USERID	CHAR	CPSM	8	No	DIFF	No	User signon ID				34

SMFJRNL Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
40

Usage EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0014

Table 279. Valid CPSM operations

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

Table 280. SMFJRNL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
AVGSIZE	BINARY	STAT	2	AVG	No	Average block size	2

Table 280. SMFJRNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
BLKWRCNT	DECIMAL	STAT	4	AVG	No	Number of blocks written	4
BUFULLCNT	DECIMAL	STAT	3	AVG	No	Number of times buffer was full	6
`JOURNALNUM-1`	BINARY	INQ	2	AVG	Yes	Journal number	1
OPENSTATUS	CVDAS	INQ	4	LIKE	Yes	Open status	3
OPENSTATUS Output valid values	OPENOUTPUT, CLOSED						
RECWRCNT	DECIMAL	STAT	5	AVG	No	Number of records written	5

STAINGRP Resource Table

A CPSM Real Time Analysis Definition that describes the membership of a status definition (STATDEF) in a real-time analysis group (RTAGROUP). A STATDEF can be a member of multiple RTAGROUPs.

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

There are no object specific actions for this resource class.

External resource name
> CICSRTAStatusDefinitionInGroup

Length
> 64

Usage   API or Batch Utility or CICS Management Client Interface

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICSPlex SM Definition

Copybook identifier
> EYUt5381

Table 281. Valid CPSM operations

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

Table 282. STAINGRP FEEDBACK error codes

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

Table 282. STAINGRP FEEDBACK error codes (continued)

3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	6	INV_RESTYPE	Invalid resource type

Table 283. STAINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
ACTIVETIME	CHAR	CPSM	8	No	DIFF	No	Period definition	7
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
`DEFNAME-2`	CHAR	CPSM	8	Yes	DIFF	Yes	Status definition	6
`GROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	RTA group	5

STATDEF Resource Table

A CPSM Real Time Analysis Definition that describes a site-defined status probe program to be run in a CICS system as part of Real Time Analysis processing.

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

The following action is supported:

INSTALL

Install the definition into each active CICS system that has Real Time Analysis active within the specified scope. If provided the PERIODEF is used to provide the valid operational time of the STATDEF.

The parameter data for the INSTALL action is:
```
PARM('[PERIOD(period)].')

    where:

    period = The name of a PERIODEF definition.
```

The STATDEF is installed in each active CICS system in the current scope that has Real Time Analysis active. If provided, the PERIODEF is used to determine the valid operational time of the STATDEF.

External resource name
CICSRTAStatusDefinition

Length
192

Usage API or Batch Utility or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Definition

Copybook identifier
EYUt3516

Table 284. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	PERIOD(value)	No
		SCOPE(value)	No
	ADDTOGRP	ACTIVETIME(value)	No
		RESGROUP(value)	Yes

Table 285. STATDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Attribute references an invalid resource	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	6	INV_RESTYPE	Invalid resource type
21	NONE_INSTALLED	None installed	22	PARTIAL_INSTALL	Partial install
23	NO_ACTIVE_SYSTEMS	No active systems			

Table 286. STATDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ACTION	CHAR	CPSM	8	No	DIFF	No	Action definition name			10
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			33
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			36
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			35
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			34
DESC	CHAR	CPSM	58	No	DIFF	No	Description			25
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	32

Table 286. STATDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
FREQ	BINARY	CPSM	4	Yes	AVG	No	Interval between calls to status program (seconds)	300	1-86400	8
HSENTRY	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with HS true before event	1	1-9999	15
HSEXIT	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with HS false before resolution	1	1-9999	21
HWENTRY	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with HW true before event	1	1-9999	14
HWEXIT	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with HW false before resolution	1	1-9999	20
LSENTRY	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with LS true before event	1	1-9999	12
LSEXIT	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with LS false before resolution	1	1-9999	18
LWENTRY	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with LW true before event	1	1-9999	13
LWEXIT	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with LW false before resolution	1	1-9999	19
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name			7
STATPGM	CHAR	CPSM	8	No	DIFF	No	Status program name			9
TRANID	CHAR	CPSM	4	No	DIFF	No	Transaction ID for task			24
USERID	CHAR	CPSM	8	No	DIFF	No	User ID for task			23
VHSENTRY	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with VHS true before event	1	1-9999	16
VHSEXIT	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with VHS false before resolution	1	1-9999	22
VLSENTRY	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with VLS true before event	1	1-9999	11
VLSEXIT	BINARY	CPSM	4	Yes	AVG	No	Evaluation count with VLS false before resolution	1	1-9999	17

STREAMNM Resource Table

A CICS Resource that describes an MVS log stream used by an active system running CICS Transaction Server and being managed by CICSPlex SM.

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

There are no object specific actions for this resource class.

External resource name
CICSMVSLogStream

Length
160

Usage API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0078

Table 287. Valid CPSM operations

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

Table 288. STREAMNM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
AUTODEL	EYUDA	STAT	4	LIKE	No	Auto-delete option	21
AUTODEL Output valid values	YES, NO						
BRWREAD	BINARY	STAT	4	AVG	No	Number of reads from log	13
BRWSTRT	BINARY	STAT	4	AVG	No	Number of log browse starts	12
BUFAPPNDRQ	BINARY	STAT	4	AVG	No	Number of buffer append requests	16
BUFFWAIT	BINARY	STAT	4	AVG	No	Number of waits due to buffer being full	11
BYTES	BINARY	STAT	8	AVG	No	Total number of bytes written	7
CUFWTRS	BINARY	STAT	4	AVG	No	Current number of tasks waiting for buffer flush	8
DASDONLY	EYUDA	STAT	4	LIKE	No	DASD-only option	17
DASDONLY Output valid values	YES, NO						
DELETES	BINARY	STAT	4	AVG	No	Number of log-tail deletes	14
LGGAKPFREQ	BINARY	STAT	4	AVG	Yes	Activity keypoint frequency	26
LGGAKPSTKN	BINARY	STAT	4	AVG	No	Number of activity keypoints taken	28
LGGLGDEFER	BINARY	STAT	4	AVG	Yes	Log deferral interval	27

Table 288. STREAMNM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
LGSQUERIES	BINARY	STAT	4	AVG	No	Logstream query count	32
MAXBLK	BINARY	STAT	4	AVG	No	Maximum block size	19
PKFWTRS	BINARY	STAT	4	AVG	No	Peak number of tasks waiting for buffer flush	9
RETPD	BINARY	STAT	4	AVG	No	Data retention period (days)	20
RETRYERRS	BINARY	STAT	4	AVG	No	Number of retryable errors	15
RWRITES	RATE3	CPSM	8	AVG	No	Rate of writes to log	34
STATUS	CVDAS	INQ	4	LIKE	No	Log stream status	3
STATUS Output valid values	OK, FAILED						
STRCNAME	CHAR	STAT	16	DIFF	No	Coupling facility structure	18
`STREAMNAME-1`	CHAR	INQ	26	DIFF	Yes	MVS log stream	1
SYSTEMLOG	CVDAS	INQ	4	LIKE	No	System log indicator	4
SYSTEMLOG Output valid values	SYSLOG, NOSYSLOG						
TFCWAIT	BINARY	STAT	4	AVG	No	Total number of tasks that waited for buffer flush	10
USECOUNT	BINARY	INQ	4	SUM	No	Number of journals and forward recovery logs	5
WRITES	BINARY	STAT	4	AVG	No	Number of write requests	6

SYSDUMP Resource Table

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

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

The following actions are supported:

ADD   Add a system dump code.

The parameter data for the ADD action is:

```
PARM('CODE(code) [SCOPE(cvda1)] [MAX(nnn)]
     [SHUT(cvda2)] [SDUMP(cvda3)] [DAE(cvda4)].')
```

where:
- *code* is required and must be the 1- to 8-character system dump code.
- *cvda1* is one of the following valid CVDA values for the dump scope option:
    LOCAL
    RELATED
- *nnn* is the maximum number of dumps, from 0 - 999.
- *cvda2* is one of the following valid CVDA values for the shutdown option:
    SHUTDOWN
    NOSHUTDOWN
- *cvda3* is one of the following valid CVDA values for the system dump option:
    SYSDUMP
    NOSYSDUMP
- *cvda4* is one of the following valid CVDA values for the DAE option:
    DAE

NODAE

DELETE
Remove a system dump code.

RESET
Reset system dump code values.

External resource name
CICSSystemDump

Length
56

Usage API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0004

Table 289. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADD	CODE(value)	Yes
		DAE(DAE|NODAE)	No
		MAX(value)	No
		SCOPE(LOCAL|RELATED)	No
		SDUMP(SYSDUMP|NOSYSDUMP)	No
		SHUT(SHUTDOWN|NOSHUTDOWN)	No
	RESET	None	N/A
	DELETE	None	N/A

Table 290. SYSDUMP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	ADD_FAILED	Add failed			

Table 291. SYSDUMP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CURRENT	BINARY	INQ	4	AVG	No	Number of dump calls since last reset	2

Table 291. SYSDUMP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
DAEOPTION	CVDAS	INQ	4	LIKE	Yes	Dump analysis and elimination (DAE) option	9
DAEOPTION Input/output valid values	NODAE, DAE						
MAXIMUM	BINARY	INQ	4	AVG	Yes	Maximum number of dumps with this code	3
SDMPSUPP	BINARY	STAT	4	AVG	No	Number of system dumps suppressed	7
SDMPTOTL	BINARY	STAT	4	AVG	No	Number of system dumps taken	6
SDUMPSCOPE	CVDAS	INQ	4	LIKE	Yes	System dump scope type	8
SDUMPSCOPE Input/output valid values	LOCAL, RELATED						
SHUTOPTION	CVDAS	INQ	4	LIKE	Yes	Shutdown option	4
SHUTOPTION Input/output valid values	SHUTDOWN, NOSHUTDOWN						
`SYSDUMPCODE-1`	CHAR	INQ	8	DIFF	Yes	System dump code	1
SYSDUMPING	CVDAS	INQ	4	LIKE	Yes	System dump option	5
SYSDUMPING Input/output valid values	SYSDUMP, NOSYSDUMP						

SYSLINK Resource Table

A CICSPlex SM topology definition that describes the endpoints of a communications link between two CICS systems being managed by CICSPlex SM. A SYSLINK record is created when connection and sessions definitions (CONNDEF and SESSDEF) or IPIC and TCP/IP definitions (IPCONDEF and TCPDEF) are installed in one of the CICS systems; that information is used to create a link to the other CICS system.

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

The following actions are supported:

INSTALL

Install a System Link.

The parameter data for the INSTALL action is:

```
PARM('[NOTIFY(notify)]
      [STATECHK(statechk)]
      [FORCEINS(forceins)].')

  where:

  notify    = Type of checking to be performed before install.
  statechk  = Whether the existence and operational state of
              each resource should be checked before install.
  forceins  = Whether definitions should be installed even
              if CICSPlex SM believes they do not need to be.
```

External resource name

CICSSystemLink

Length

80

Usage API or Batch Utility or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICSPlex SM Definition

Copybook identifier
EYUt4610

Table 292. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES|NO)	No
		NOTIFY(NO|INACTIVE|RELEASE|FULL)	No
		STATECHK(YES|NO)	No

Table 293. SYSLINK FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	6	INV_RESTYPE	Invalid resource type
7	INV_VER	Invalid resource version	11	NON_MP	Maintenance point CMAS not available
12	INV_CONTEXT	Context not found	21	INV_RECADDR	Invalid record address
22	INV_RECLEN	Invalid record length	23	INV_ACTION	Invalid action
24	LOGICAL_DUP	Logical duplicate	25	INV_MAJNAME	Invalid major name
26	INV_MINNAME	Invalid minor name	27	INV_QUALNAME	Invalid qualifier name
28	INV_FORTHNME	Invalid session definition name	29	NOTIFY	Notify
30	PARTIAL_INSTALL	Partial install	31	NOTHING_INSTALLED	Nothing installed
32	NO_ACTIVE_SYSTEMS	No active systems	33	INV_NAMELIST	Invalid name list
34	INV_NOTIFY	Invalid notify	35	INV_FORCEINS	Invalid force install
36	INV_STATECHK	Invalid state check	37	INV_LINKTYPE	Invalid link type

Table 294. SYSLINK resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent		15
CHANGEAGENT Input/output valid values	DREPAPI								

Table 294. SYSLINK resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Attr ID
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release		18
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification		1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID		17
`CONNDEF-3`	CHAR	CPSM	8	Yes	DIFF	Yes	Primary Connection definition name		9
`CONNDEFVER-4`	BINARY	CPSM	1	Yes	AVG	Yes	Primary connection definition version		11
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created		16
`FROMCSYS-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Primary CICS system name		5
`LINKTYPE-7`	EYUDA	CPSM	4	Yes	LIKE	No	Connection resource type	SNA	14
LINKTYPE-7 Input/output valid values					SNA IPIC				
`SESSDEF-5`	CHAR	CPSM	8	Yes	DIFF	Yes	Secondary connection definition name		10
`SESSDEFVER-6`	BINARY	CPSM	1	Yes	AVG	Yes	Secondary connection definition version		12
`TOCSYS-2`	CHAR	CPSM	8	Yes	DIFF	Yes	Secondary CICS system name		7

SYSPARM Resource Table

A CICS Resource that describes a system initialization parameter or a system initialization parameter override in an active CICS system being managed by CICSPlex SM.

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

For system initialization parameter values greater than 255 bytes, the value is split across multiple SYSPARM records. Each of the records making up the same parameter value is referred to as a segment and has a segment number referenced by the SEGNUM attribute.

The following action is supported:

GET   Get a parameter from a specified source table. Only SYSPARM records from CICS regions at Version 4.1 or higher are returned by this command.

External resource name
> CICSSystemParameter

Length
> 328

Usage   API or CICS Management Client Interface

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Resource

Copybook identifier
> EYUt0197

Table 295. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		PARMSRCE(TABLE|CONSOLE|SYSIN|JCL|COMBINED)	No
		PARMTYPE(SIT)	No

Table 296. SYSPARM FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INVALID_SOURCE	Invalid source parameter	2	INVALID_TYPE	Invalid type parameter
3	INVALID_NAME	Unknown keyword name			

Table 297. SYSPARM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
`KEYWORD-1`	CHAR	INQ	32	DIFF	Yes	Keyword name	1
`SEGNUM-2`	BINARY	INQ	4	MAX	No	Record segment number	5
SEGTOT	BINARY	INQ	4	MAX	No	Total segment number	6
SOURCE	EYUDA	INQ	4	LIKE	No	Source of system parameter	3
SOURCE Output valid values	TABLE, CONSOLE, SYSIN, JCL, COMBINED						
TOTALLEN	BINARY	INQ	4	MAX	No	Total value length	7
TYPE	EYUDA	INQ	4	LIKE	No	Type of system parameter	2
TYPE Output valid values	SIT						
VALUE	CHAR	INQ	255	DIFF	No	Keyword value	8
VALUELEN	BINARY	INQ	4	MAX	No	Keyword value length	4

SYSRES Resource Table

A CPSM Business Application Services Manager object that describes the set of CICS Definitions to be installed in a CICS system.

This object is referenced within the scope of a CICSplex and CICS system. As such, the CICS system must be explicitly identified in the API GET command PARM option by coding the following text string:

APAR PQ30578

Documentation for APAR PQ30578 addedd 18/04/2000

```
PARM('CICSSYS(sysname).')
```

where:

    `sysname = (Required) The name of a CICSPlex SM managed CICS system.`

The CICS system name is required.

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

There are no object specific actions for this resource class.

External resource name
> CICSResourceBySystem

Length
> 88

Usage API or CICS Management Client Interface

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICSPlex SM Manager

Copybook identifier
> EYUt2611

Table 298. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	Yes

Table 299. SYSRES FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	CICSSYS_NOT_FOUND	CICS system not found			

Table 300. SYSRES resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ALIAS	CHAR	CPSM	8	DIFF	No	Alias for remote definition	16
`CICSSYS-5`	CHAR	CPSM	8	DIFF	Yes	CICS system name	4
DEFVER	BINARY	CPSM	1	AVG	No	Resource definition version	12
MODE	EYUDA	CPSM	4	LIKE	No	Resource usage qualifier	11
MODE Output valid values	AUTO, DYNAM, EXTRA, INTRA, IND, STAT						
`RDEFTYPE-2`	CHAR	CPSM	8	DIFF	Yes	Resource definition type	6
`REFDEF-4`	CHAR	CPSM	8	DIFF	Yes	Referenced definition name	13
REFTYPE	CHAR	CPSM	8	DIFF	No	Referenced definition type	15
REFVER	CHAR	CPSM	2	DIFF	No	Referenced definition version	14

Table 300. SYSRES resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
RESASSGN	CHAR	CPSM	8	DIFF	No	Resource assignment name	8
`RESDEF-1`	CHAR	CPSM	8	DIFF	Yes	Resource definition name	5
`RESDESC-3`	CHAR	CPSM	8	DIFF	Yes	Resource description name	7
RESGROUP	CHAR	CPSM	8	DIFF	No	Resource group name	9
USAGE	EYUDA	CPSM	4	LIKE	No	Resource usage type	10
USAGE Output valid values	LOCAL, REMOTE, ASIS						

TAPEJRNL Resource Table

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

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

The following actions are supported:

ADVANCE
>   Advance a tape journal.

CLOSE
>   Close a tape journal.

LEAVE
>   Close and leave a tape journal position.

OPEN
>   Open a tape journal.

These actions require no unique parameter data.

External resource name

Length
>   64

Usage   EVALDEF

API view
>   Yes

CMAS context
>   No

SCOPE applies
>   Yes

Only query CMASs in workload
>   No

Object type
>   CICS Resource

Copybook identifier
>   EYUt0015

Table 301. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 301. Valid CPSM operations (continued)

SET		None	N/A
PERFORM SET	ADVANCE	None	N/A
	CLOSE	None	N/A
	LEAVE	None	N/A
	OPEN	None	N/A

Table 302. TAPEJRNL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
AVGSIZE	BINARY	STAT	2	AVG	No	Average block size	2
BLKWRCNT	DECIMAL	STAT	4	AVG	No	Number of blocks written	10
BUFULLCNT	DECIMAL	STAT	3	AVG	No	Number of times buffer was full	12
CURVOL	CHAR	INQ	6	DIFF	No	Current volume	7
`JOURNALNUM-1`	BINARY	INQ	2	AVG	Yes	Journal number	1
LASTVOL	CHAR	STAT	6	DIFF	No	Last volume written	6
OLDPART	CNUMERIC	INQ	4	AVG	No	Serial number of first tape in journal	5
OPENSTATUS	CVDAS	INQ	4	LIKE	Yes	Open status	4
OPENSTATUS Input/output valid values	OPENOUTPUT, CLOSED						
OPENSTATUS Input valid values	ADVANCE, CLOSELEAVE						
RECWRCNT	DECIMAL	STAT	5	AVG	No	Number of records written	11
TAPESLFT	BINARY	STAT	2	AVG	No	Number of tapes left	9
TAPESOPEN	BINARY	STAT	2	AVG	No	Number of tapes opened	8
TYPE	CVDAS	INQ	4	LIKE	No	Journal type	3
TYPE Output valid values	TAPE1, TAPE2						

TASKASSC Resource Table

A CICSPlex SM definition that, in a TCP/IP network, provides information about the tasks that make up a set of interrelated transactions. The interrelated tasks have the same transaction group ID and thus the records are organized by transaction group ID. You can filter the records using a substring of the user correlation data that has been added (by a CICS XAPADMGR global user exit program) to the user data section of the task's associated data origin descriptor.

The following actions are supported:

GET Retrieve the TASKASSC records for a specified task or transaction group ID.

External resource name
CICSTaskAssociation

Length
1368

Usage API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Resource

Copybook identifier
> EYUt0169

Table 303. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 304. TASKASSC resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
APPLDATA	CHAR	INQ	40	DIFF	No	Socket application data		11
APPLID	CHAR	INQ	8	DIFF	No	Application ID		12
CLIENTIPADDR	CHAR	INQ	39	DIFF	No	Client IP address		35
CLIENTLOC	CHAR	INQ	32	DIFF	No	Cluster connection type	E640 E650	40
CLIENTPORT	BINARY	INQ	4	DIFF	No	TCP/IP stack port number		13
CLNTIPFAMILY	CVDAS	INQ	4	LIKE	No	Client IP address format	E640 E650	42
CLNTIPFAMILY Output valid values	IPV4, IPV6, NOTAPPLIC							
DNAME	HEX	INQ	246	DIFF	No	Distinguished name	E640 E650	43
FACILNAME	CHAR	INQ	8	DIFF	No	Facility name		17
FACILTYPE	CVDAS	INQ	4	LIKE	No	Facility type		5
FACILTYPE Output valid values	NONE, TERMINAL, TRANDATA, START, STARTTERM, SCHEDULER, XMRUNTRAN, BRIDGE, SOCKET, WEB, RRSUR, LU61, APPC, MRO, IIOP, IPIC, RZINSTOR, IPECI, UNKNOWN, EVENT							
INITUSERID	CHAR	INQ	8	DIFF	No	User ID of initiating task		14
IPCONN	CHAR	INQ	8	DIFF	No	IPCONN resource		15
IPFAMILY	CVDAS	INQ	4	LIKE	No	Server IP address format		6
IPFAMILY Output valid values	IPV4, IPV6, NOTAPPLIC							
LUNAME	CHAR	INQ	8	DIFF	No	VTAM LU name		16
MVSIMAGE	CHAR	INQ	8	DIFF	No	MVS image		18
NETID	CHAR	INQ	8	DIFF	No	Network ID		33
ODAPPLID	CHAR	INQ	8	DIFF	No	Originating Application ID		19

Table 304. TASKASSC resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
ODAPTRDATA1	CHAR	INQ	64	MAX	No	Originating adapter data 1	E640 E650 E660	54
ODAPTRDATA2	CHAR	INQ	64	MAX	No	Originating adapter data 2	E640 E650 E660	55
ODAPTRDATA3	CHAR	INQ	64	MAX	No	Originating adapter data 3	E640 E650 E660	56
ODAPTRID	CHAR	INQ	64	MAX	No	Originating adapter ID	E640 E650 E660	53
ODCLNTIPADDR	CHAR	INQ	39	DIFF	No	Originating client IP address		36
ODCLNTPORT	BINARY	INQ	4	DIFF	No	Originating TCP/IP stack port number		3
ODFACILNAME	CHAR	INQ	8	DIFF	No	Originating facility name		20
ODFACILTYPE	CVDAS	INQ	4	LIKE	No	Originating facility type		4
ODFACILTYPE Output valid values	NONE, TERMINAL, TRANDATA, START, STARTTERM, SCHEDULER, XMRUNTRAN, BRIDGE, SOCKET, WEB, RRSUR, LU61, APPC, MRO, IIOP, IPIC, RZINSTOR, IPECI, UNKNOWN							
ODIPFAMILY	CVDAS	INQ	4	LIKE	No	Originating client IP address format		7
ODIPFAMILY Output valid values	IPV4, IPV6, NOTAPPLIC							
ODLUNAME	CHAR	INQ	8	DIFF	No	Originating VTAM LU name		21
ODNETID	CHAR	INQ	8	DIFF	No	Originating network ID		34
ODNETWORKID	CHAR	INQ	8	DIFF	No	Originating network ID		32
ODSTARTTIME	TIMESTP	INQ	8	MIN	No	Originating task start time		10
ODSTARTTM	CHAR	INQ	21	MIN	No	Originating task start time		39
ODTASKID	DECIMAL	INQ	4	MIN	No	Originating task		22
ODTRANSID	CHAR	INQ	4	DIFF	No	Originating transaction ID		23
ODUSERID	CHAR	INQ	8	DIFF	No	Originating user ID		24
PHAPPLID	CHAR	INQ	8	DIFF	No	Previous Hop APPLID	E640 E650 E660	45
PHCOUNT	BINARY	INQ	4	MAX	No	Previous Hop count	E640 E650 E660	52
PHNETWORKID	CHAR	INQ	8	DIFF	No	Previous Hop NETWORKID	E640 E650 E660	46
PHSTARTTIME	TIMESTP	INQ	8	MIN	No	Previous Hop task start time	E640 E650 E660	51
PHSTARTTM	CHAR	INQ	21	DIFF	No	Previous Hop task start time	E640 E650 E660	48
PHTASKID	DECIMAL	INQ	4	MIN	No	Previous Hop task ID	E640 E650 E660	50

Table 304. TASKASSC resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
PHTRANSID	CHAR	INQ	4	DIFF	No	Previous Hop transaction ID	E640 E650 E660	47
PROGRAM	CHAR	INQ	8	DIFF	No	First program		25
REALM	HEX	INQ	255	DIFF	No	Basic authentication realm name	E640 E650	44
SERVERIPADDR	CHAR	INQ	39	DIFF	No	Scheduling IP server		37
SERVERPORT	BINARY	INQ	4	DIFF	No	TCPIPSERVICE listening port		8
STARTTIME	TIMESTP	INQ	8	MIN	No	Task start time		9
STARTTM	CHAR	INQ	21	MIN	No	Task start time		38
`TASKID-1`	DECIMAL	INQ	4	MIN	Yes	Task ID		1
TCPIPJOB	CHAR	INQ	8	DIFF	No	TCP/IP job		26
TCPIPSERVICE	CHAR	INQ	8	DIFF	No	TCP/IP service name		27
TCPIPZONE	CHAR	INQ	8	DIFF	No	TCP/IP network security zone		28
TRANSACTION	CHAR	INQ	4	DIFF	No	Transaction ID		29
TRNGRPID	HEX	INQ	28	DIFF	No	Transaction group ID		2
USERCORRDATA	CHAR	INQ	64	DIFF	No	User correlation data		30
USERID	CHAR	INQ	8	DIFF	No	User ID		31

TASKESTG Resource Table

A CICS Resource that describes a CICS storage element for a task.

The key for this resource is a composite element.

There are no object specific actions for this resource class.

External resource name
CICSTaskStorage

Length
40

Usage   API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0144

Table 305. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 306. TASKESTG resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
DSANAME	CHAR	STAT	8	DIFF	No	DSA name	3
`ELEMENTADDR-2`	HEX	INQ	4	MAX	Yes	Storage element address	2
ELEMENTLEN	BINARY	INQ	4	AVG	No	Element length	4
`TASK-1`	DECIMAL	INQ	4	MAX	Yes	Task number	1

TASKFILE Resource Table

A CICS Resource that describes tasks and the CICS files they have used in an active system being managed by CICSPlex SM. Note that for these records to be available, the MAS must be running with the SIT parameter MNRES=ON, and be using an MCT that specifies a value for FILE greater than 0 on the DFHMCT TYPE=INITIAL macro.

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

There are no object specific actions for this resource class.

External resource name
> CICSTaskFileUsage

Length
> 176

Usage API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Resource

Copybook identifier
> EYUt0115

Table 307. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 308. TASKFILE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
DSNAME	CHAR	INQ	44	DIFF	No	Data set name	8
FCAMCNT	BINARY	STAT	4	AVG	No	Number of access method calls	9
MNRADD	SCLOCK	STAT	8	AVG	No	ADD request time and count	14
MNRBRWSE	SCLOCK	STAT	8	AVG	No	BROWSE request time and count	10
MNRCFDTIOWT	SCLOCK	STAT	8	AVG	No	CFDT I/O wait time and count	18
MNRDEL	SCLOCK	STAT	8	AVG	No	DELETE request time and count	12
MNRFILELIMIT	EYUDA	STAT	4	LIKE	No	File limit exceeded	21
MNRFILELIMIT Output valid values	YES, NO						
MNRGET	SCLOCK	STAT	8	AVG	No	READ request time and count	11
MNRIOWT	SCLOCK	STAT	8	AVG	No	File I/O wait time and count	16
`MNRNAME-2`	CHAR	STAT	8	DIFF	Yes	File ID	7
MNRPUT	SCLOCK	STAT	8	AVG	No	WRITE request time and count	13
MNRRLSIOWT	SCLOCK	STAT	8	AVG	No	RLS I/O wait time and count	17
MNRSTART	TIMESTP	STAT	8	MAX	No	Task start time	20
`MNRTASKNO-1`	DECIMAL	STAT	4	AVG	Yes	Task ID	5
MNRTOTAL	SCLOCK	STAT	8	AVG	No	Total request time and count	15
MNRTRANID	CHAR	STAT	4	DIFF	No	Transaction ID	6
MNRUSERID	CHAR	STAT	8	DIFF	No	User ID	19

TASKRMI Resource Table

A CICS Resource that describes tasks and the use they have made of the CICS Resource Manager Interface in an active system being managed by CICSPlex SM. Note that for these records to be available, the MAS must be running with MNPER=YES, and be using an MCT that specifies RMI=YES on the DFHMCT TYPE=INITIAL macro.

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

There are no object specific actions for this resource class.

External resource name
> CICSTaskRMIUsage

Length
> 216

Usage API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0145

Table 309. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		INCL_QUEUED(YES|NO)	No

Table 310. TASKRMI resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CPUTIME	SCLOCK12	CMF	12	MAX	No	User task CPU time	17
DISPTIME	SCLOCK12	CMF	12	MAX	No	User task dispatch time	16
RESPTIME	INTTSTP	CPSM	8	MAX	No	Task response time	15
RMICPSMTIME	SCLOCK12	CMF	12	MAX	No	CICSPlex SM RMI elapsed time	8
RMIDB2TIME	SCLOCK12	CMF	12	MAX	No	DB2 RMI elapsed time	4
RMIDBCTLTIME	SCLOCK12	CMF	12	MAX	No	DBCTL RMI elapsed time	5
RMIEXECDLITM	SCLOCK12	CMF	12	MAX	No	DL/I RMI elapsed time	6
RMIMQSERIEST	SCLOCK12	CMF	12	MAX	No	MQSeries RMI elapsed time	7
RMIOTHERTIME	SCLOCK12	CMF	12	MAX	No	Total other elapsed time	3
RMITCPIPTIME	SCLOCK12	CMF	12	MAX	No	TCP/IP Sockets RMI elapsed time	9
RMITIME	SCLOCK12	CMF	12	MAX	No	Total RMI elapsed time	1
RMITOTALTIME	SCLOCK12	CMF	12	MAX	No	Total RMI elapsed time at last statistics interval	2
START	TIMESTP	CMF	8	MAX	No	Task start time	13
STOP	TIMESTP	CMF	8	MAX	No	Task stop time	14
SUSPTIME	SCLOCK12	CMF	12	MAX	No	Task suspend time	18
`TASKID-1`	DECIMAL	INQ	4	MAX	Yes	Task ID	11
TRANID	CHAR	INQ	4	DIFF	No	Transaction ID	10
USERID	CHAR	INQ	8	DIFF	No	User ID	12
WAITTIME	SCLOCK12	CMF	12	MAX	No	Dispatch wait time	19

TASK Resource Table

This CICS resource describes a task in an active CICS system being managed by CICSPlex SM.

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

When used in an EVALDEF, you might want to limit the evaluation to include only those tasks for which a specific transaction is associated. To do so include the TRANID attribute in the evaluation filter expression; for example, TRANID=TRN1.

The following actions are supported:

PURGE

Purge a task.

The parameter data for the PURGE action is:

```
PARM('PURGETYPE(cvda).')

   where:

   cvda = (Required) Valid CVDA value for the
          type of operation.
```

Valid CVDA values for the PURGE action are PURGE, FORCEPURGE and KILL; for example: PARM('TYPE(FORCEPURGE).').

FORCEPURGE

Force purge a task.

There are no parameters for the FORCEPURGE action.

KILL   Kill a task.

There are no parameters for the KILL action.

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

External resource name
CICSTask

Length
3192

Usage   API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0020

Table 311. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		INCL_QUEUED(YES|NO)	No
SET		None	N/A
PERFORM SET	PURGE	TYPE(PURGE|FORCEPURGE|KILL)	Yes
	FORCEPURGE	None	N/A

Table 311. Valid CPSM operations (continued)

KILL	None	N/A

Table 312. TASK resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ABCODEC	CHAR	CMF	4	DIFF	No	Current ABEND code		23
ABCODEO	CHAR	CMF	4	DIFF	No	Original ABEND code		22
ACTVTYID	HEX	INQ	52	MIN	No	BTS activity ID		186
ACTVTYNM	CHAR	INQ	16	DIFF	No	BTS activity name		185
ALLOCATES	BINARY	CMF	4	AVG	No	Number of ALLOCATE requests		32
APPLNAMEPROG	CHAR	STAT	8	DIFF	No	Application name - program		269
APPLNAMETRAN	CHAR	STAT	4	DIFF	No	Application name - transaction		268
ATTACHTIME	DATETIME	INQ	8	MAX	No	Task attach time		158
BAACDCCT	BINARY	CMF	4	AVG	No	BTS activity data container requests		199
BAACQPCT	BINARY	CMF	4	AVG	No	BTS acquire requests		196
BADACTCT	BINARY	CMF	4	AVG	No	BTS define activity requests		191
BADCPACT	BINARY	CMF	4	AVG	No	BTS delete activity and cancel requests		195
BADFIECT	BINARY	CMF	4	AVG	No	BTS define input event requests		202
BADPROCT	BINARY	CMF	4	AVG	No	BTS define process requests		190
BALKPACT	BINARY	CMF	4	AVG	No	BTS link requests		189
BAPRDCCT	BINARY	CMF	4	AVG	No	BTS process data container requests		198
BARASYCT	BINARY	CMF	4	AVG	No	BTS run asynchronous requests		188
BARATECT	BINARY	CMF	4	AVG	No	BTS retrieve reattach event requests		201
BARMPACT	BINARY	CMF	4	AVG	No	BTS resume requests		194
BARSPACT	BINARY	CMF	4	AVG	No	BTS reset requests		192
BARSYNCT	BINARY	CMF	4	AVG	No	BTS run synchronous requests		187
BASUPACT	BINARY	CMF	4	AVG	No	BTS suspend requests		193
BATIAECT	BINARY	CMF	4	AVG	No	BTS timer associated event requests		203
BATOTCCT	BINARY	CMF	4	AVG	No	BTS total data container requests		200
BATOTECT	BINARY	CMF	4	AVG	No	BTS total event requests		204
BATOTPCT	BINARY	CMF	4	AVG	No	BTS total requests		197
BMSCOUNT	BINARY	CMF	4	AVG	No	Total number of BMS requests		72

Table 312. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
BMSINCNT	BINARY	CMF	4	AVG	No	Number of BMS map in requests		70
BMSMAPCNT	BINARY	CMF	4	AVG	No	Number of BMS map requests		69
BMSOUTCNT	BINARY	CMF	4	AVG	No	Number of BMS map out requests		71
BRDGTRAN	EYUDA	CMF	4	LIKE	No	Transaction ID as started by bridge		166
BRDGTRAN Output valid values	YES, NO							
BRIDGE	CHAR	INQ	4	DIFF	No	Bridge transaction ID		163
BRTOKEN	HEX	INQ	8	DIFF	No	3270 Bridge Facility Token		247
BTECOMP	EYUDA	CPSM	4	LIKE	No	Workload manager begin-to-end phase complete		315
BTECOMP Output valid values	YES, NO							
CDSAGETM	BINARY	CMF	4	AVG	No	Number of GETMAIN requests in CDSA		36
CDSAPSHWM	BINARY	CMF	4	AVG	No	Maximum program storage in CDSA		52
CDSASHWM	BINARY	CMF	4	AVG	No	Peak number of bytes used by task in CDSA		40
CDSASOCC	BINARY	CMF	8	AVG	No	Average CDSA storage usage		44
CFDTWAIT	SCLOCK12	CMF	12	MAX	No	CFDT wait time		179
CHARIN	BINARY	CMF	4	AVG	No	Number of Primary TC characters received		25
CHARINSEC	BINARY	CMF	4	AVG	No	Number of Secondary TC characters received		29
CHAROUT	BINARY	CMF	4	AVG	No	Number of Primary TC characters sent		27
CHAROUTSEC	BINARY	CMF	4	AVG	No	Number of Secondary TC characters sent		31
CHMODECT	BINARY	CMF	4	AVG	No	Number of CICS dispatcher change modes	E640PLUS	334
CICSWAIT	SCLOCK12	CMF	12	MAX	No	CICS event wait time		169
CLIPADDR	CHAR	CMF	40	DIFF	No	Client IP address		241
CMDSEC	CVDAS	INQ	4	LIKE	No	Command level security status		93
CMDSEC Output valid values	CMDSECNO, CMDSECYES							
CONTROLWAIT	SCLOCK12	CMF	12	MAX	No	Give-up-control wait time		171
CORREUOW	HEX	CMF	23	MIN	No	Correlation UOW id		340
CPUTIME	SCLOCK12	CMF	12	MAX	No	User task CPU time		80
CURRENTPROG	CHAR	INQ	8	DIFF	No	Current program being executed		270
DB2CONWT	SCLOCK12	CMF	12	MAX	No	DB2 Connection (TCB) wait time		221
DB2PLAN	CHAR	INQ	8	DIFF	No	DB2 plan name		178
DB2RDYQW	SCLOCK12	CMF	12	MAX	No	DB2 ReadyQ wait time		220

Table 312. TASK 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		233
DB2WAIT	SCLOCK12	CMF	12	MAX	No	DB2 request wait time		222
DETTRANTYPE	EYUDA	CPSM	4	LIKE	No	Transaction type details		314
DETTRANTYPE Output valid values	NONE, SYSTEM, MIRROR, DPL, ONCRPC, WEB, BRIDGE, CICSBTS							
DFHCHNL329	BINARY	STAT	8	AVG	No	Current container storage allocated to task.	E640	382
DFHSOCK292	BINARY	STAT	4	AVG	No	Non-persistent sockets		266
DFHSOCK293	BINARY	STAT	4	AVG	No	Persistent sockets		267
DFHSTOR033	BINARY	STAT	4	AVG	No	Task storage UDSA		253
DFHSTOR087	BINARY	STAT	4	AVG	No	Program storage - Total		257
DFHSTOR106	BINARY	STAT	4	AVG	No	Task storage EUDSA		254
DFHSTOR108	BINARY	STAT	4	AVG	No	Program storage - Below		259
DFHSTOR116	BINARY	STAT	4	AVG	No	Task storage CDSA		255
DFHSTOR119	BINARY	STAT	4	AVG	No	Task storage ECDSA		256
DFHSTOR122	BINARY	STAT	4	AVG	No	Program storage - ERDSA		262
DFHSTOR139	BINARY	STAT	4	AVG	No	Program storage - Above		258
DFHSTOR142	BINARY	STAT	4	AVG	No	Program storage - ECDSA		260
DFHSTOR143	BINARY	STAT	4	AVG	No	Program storage - CDSA		261
DFHSTOR160	BINARY	STAT	4	AVG	No	Program storage - SDSA		265
DFHSTOR161	BINARY	STAT	4	AVG	No	Program storage - ESDSA		264
DFHSTOR162	BINARY	STAT	4	AVG	No	Program storage - RDSA		263
DFHTASK252	BINARY	STAT	4	AVG	No	Current CICS dispatcher TCBs		376
DHCRECT	BINARY	CMF	4	AVG	No	Number of Document Create requests		213
DHINSCT	BINARY	CMF	4	AVG	No	Number of Document Insert requests		214
DHRETCT	BINARY	CMF	4	AVG	No	Number of Document Retrieve requests		216
DHSETCT	BINARY	CMF	4	AVG	No	Number of Document Set requests		215
DHTOTCT	BINARY	CMF	4	AVG	No	Total number of Document requests		217
DHTOTDCL	BINARY	CMF	4	AVG	No	Total length of documents created		218
DISPTIME	SCLOCK12	CMF	12	MAX	No	User task dispatch time		79
DSPDELAY	SCLOCK12	CMF	12	MAX	No	First dispatch delay time		131
DTB	CVDAS	INQ	4	LIKE	No	Dynamic transaction backout option		94
DTB Output valid values	WAIT, COMMIT, BACKOUT							
DTIMEOUT	BINARY	INQ	4	AVG	No	Deadlock timeout (seconds)		95
DUMPING	CVDAS	INQ	4	LIKE	No	Transaction dump option		96
DUMPING Output valid values	TRANDUMP, NOTRANDUMP							

Table 312. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
ECDSAGETM	BINARY	CMF	4	AVG	No	Number of GETMAIN requests in ECDSA		37
ECDSAPSHWM	BINARY	CMF	4	AVG	No	Maximum program storage in ECDSA		51
ECDSASHWM	BINARY	CMF	4	AVG	No	Peak number of bytes used by task in ECDSA		41
ECDSASOCC	BINARY	CMF	8	AVG	No	Average ECDSA storage usage		45
ENQDELAY	SCLOCK12	CMF	12	MAX	No	Delay time for enqueue		134
EXECOMP	EYUDA	CPSM	4	LIKE	No	Workload manager execution phase complete		316
EXECOMP Output valid values	YES, NO							
EXTERNWAIT	SCLOCK12	CMF	12	MAX	No	External wait time		168
EXWAIT	SCLOCK12	CMF	12	MAX	No	Exception wait time		83
FACILITY	CHAR	INQ	4	DIFF	No	Principal facility		2
FACILITYTYPE	CVDAS	INQ	4	LIKE	No	Facility type		3
FACILITYTYPE Output valid values	TERM, DEST, TASK							
FCADDCNT	BINARY	CMF	4	AVG	No	Number of file control WRITE requests		57
FCAMCNT	BINARY	CMF	4	AVG	No	Number of file control access method requests		60
FCBRWCNT	BINARY	CMF	4	AVG	No	Number of file control browse requests		56
FCCOUNT	BINARY	CMF	4	AVG	No	Total number of file control requests		59
FCDELCNT	BINARY	CMF	4	AVG	No	Number of file control DELETE requests		58
FCGETCNT	BINARY	CMF	4	AVG	No	Number of file control READ requests		54
FCIOTIME	SCLOCK12	CMF	12	MAX	No	File control I/O wait time		85
FCPUTCNT	BINARY	CMF	4	AVG	No	Number of file control REWRITE requests		55
FIRSTPRGM	CHAR	CMF	8	DIFF	No	First program name		19
GNQDELAY	SCLOCK12	CMF	12	MAX	No	Global ENQ delay time		236
ICCOUNT	BINARY	CMF	4	AVG	No	Number of interval control starts		77
IDENT	CHAR	INQ	48	DIFF	No	User data provided by the bridge exit		175
IMSREQCT	BINARY	CMF	4	AVG	No	Total number of IMS requests		232
IMSWAIT	SCLOCK12	CMF	12	MAX	No	IMS request wait time		219
INDOUBT	CVDAS	INQ	4	LIKE	No	Transaction in-doubt option		160
INDOUBT Output valid values	BACKOUT, COMMIT							
INDOUBTFAIL	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW indoubt failure		322
INDOUBTFAIL Output valid values	YES, NO							

Table 312. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
INDOUBTMINS	BINARY	INQ	4	AVG	No	In-doubt time (minutes)		161
INDOUBTWAIT	CVDAS	INQ	4	LIKE	No	In-doubt wait option		162
INDOUBTWAIT Output valid values	WAIT, NOWAIT							
INTVLC	BINARY	CMF	4	AVG	No	Number of interval control requests		174
INTVLWAIT	SCLOCK12	CMF	12	MAX	No	Interval control delay time		170
IPFACCNT	BINARY	INQ	4	AVG	No	Number of IP facilities associated with task	E640	384
IRIOTIME	SCLOCK12	CMF	12	MAX	No	Inter-region communication I/O wait time		88
ISOLATEST	CVDAS	INQ	4	LIKE	No	Data isolation type		97
ISOLATEST Output valid values	NOISOLATE, ISOLATE							
J8CPUT	SCLOCK12	CMF	12	MAX	No	J8 TCB mode CPU time		230
JCIOTIME	SCLOCK12	CMF	12	MAX	No	Journal control I/O wait time		86
JCUSRWCNT	BINARY	CMF	4	AVG	No	Number of journal output requests	E510PLUS	76
JRNLWRITREQ	BINARY	CMF	4	AVG	No	Number of journal write requests		153
JVMSUSP	SCLOCK12	CMF	12	MAX	No	Total Java virtual machine (JVM) suspend time		246
JVMTIME	SCLOCK12	CMF	12	MAX	No	Total Java virtual machine (JVM) elapsed time		245
L8CPUT	SCLOCK12	CMF	12	MAX	No	L8 TCB mode CPU time		229
LOCKMGRWAIT	SCLOCK12	CMF	12	MAX	No	Lock manager wait time		167
LOGGRWRITREQ	BINARY	CMF	4	AVG	No	Number of CICS logger write requests		154
LU61WTT	SCLOCK12	CMF	12	MAX	No	LU6.1 I/O wait time		135
LU62WTT	SCLOCK12	CMF	12	MAX	No	LU6.2 I/O wait time		136
LUNAME	CHAR	CMF	8	DIFF	No	VTAM LU name		18
MSCPUT	SCLOCK12	CMF	12	MAX	No	Other TCB mode CPU time		228
MSDISPT	SCLOCK12	CMF	12	MAX	No	Other TCB mode dispatch time		227
MSGIN	BINARY	CMF	4	AVG	No	Number of Primary TC message receives		24
MSGINSEC	BINARY	CMF	4	AVG	No	Number of Secondary TC message receives		28
MSGOUT	BINARY	CMF	4	AVG	No	Number of Primary TC message sends		26
MSGOUTSEC	BINARY	CMF	4	AVG	No	Number of Secondary TC message sends		30
MXTDELAY	SCLOCK12	CMF	12	MAX	No	First dispatch delay time caused by MXT limit		133
MXTOTDLY	SCLOCK12	CMF	12	MAX	No	Maximum delay time on an open TCB		223
NETNAME	CHAR	CMF	20	DIFF	No	Originating system netname		20

Table 312. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
NETUOWID	HEX	CMF	27	MIN	No	Network id of UOW		341
OAPPLID	CHAR	CMF	8	MAX	No	Originating application ID	E640	388
OCLIPADR	CHAR	CMF	40	MAX	No	Originating client IP address	E640	395
OCLIPORT	BINARY	CMF	4	MAX	No	Originating client port number	E640	396
OFCTYNME	CHAR	CMF	8	MAX	No	Originating facility name	E640	398
ONETWKID	CHAR	CMF	8	MAX	No	Originating network ID	E640	386
OPORTNUM	BINARY	CMF	4	MAX	No	Originating port number	E640	394
ORIGINTYPE	EYUDA	CPSM	4	LIKE	No	Transaction origin type		318
ORIGINTYPE Output valid values	NONE, TERMINAL, TDQUEUE, START, TERMSTART, SCHEDULED, XMRUN, BRIDGE, SOCKET, WEB, IIOP, RRS, LU61, LU62, MRO, ECI, IIRQRECVR, RZSTTRPT							
OSTART	TIMESTP	CMF	8	MAX	No	Originating start time	E640	387
OTCPSVCE	CHAR	CMF	8	MAX	No	Originating TCPIPSERVICE name	E640	393
OTRAN	CHAR	CMF	4	MAX	No	Originating transaction ID	E640	390
OTRANFLG	HEX	CMF	8	MAX	No	Originating transaction flags	E640	397
OTRANNUM	DECIMAL	CMF	4	MAX	No	Originating task ID	E640	389
OUSERCOR	CHAR	CMF	64	MAX	No	Originating user correlation data	E640	392
OUSERID	CHAR	CMF	8	MAX	No	Originating user ID	E640	391
PC24RHWM	BINARY	CMF	4	AVG	No	Maximum read-only storage in RDSA		118
PC24SHWM	BINARY	CMF	4	AVG	No	Maximum shared storage in SDSA		120
PC31SHWM	BINARY	CMF	4	AVG	No	Maximum shared storage in ESDSA		119
PCDPLCT	BINARY	CMF	4	AVG	No	Distributed program link (DPL) request count		240
PCLINKCNT	BINARY	CMF	4	AVG	No	Number of program link requests		73
PCLOADCNT	BINARY	CMF	4	AVG	No	Number of program load requests		75
PCLOADTM	SCLOCK12	CMF	12	MAX	No	Program load time		90
PCLURMCT	BINARY	CMF	4	AVG	No	Number of user replaceable module (URM) links		177
PCXCTLCNT	BINARY	CMF	4	AVG	No	Program transfer control (XCTL) request count		74
PERFRECCNT	BINARY	CMF	4	AVG	No	Number of performance records		141
PGCSTHWM	BINARY	STAT	8	AVG	No	Maximum container storage allocated to task.	E640	383
PRCSID	HEX	CMF	52	MIN	No	BTS process ID		183
PRCSNAME	CHAR	INQ	36	DIFF	No	BTS process name		182
PRCSTYPE	CHAR	INQ	8	DIFF	No	BTS process type		184
PRIORITY	BINARY	INQ	4	AVG	Yes	Task priority		7
PROFILE	CHAR	INQ	8	DIFF	No	Task profile name		98

Table 312. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
PSTG24HWM	BINARY	CMF	4	AVG	No	Maximum program storage below 16 MB line		47
PSTG31HWM	BINARY	CMF	4	AVG	No	Maximum program storage above 16 MB line		48
PSTGHWM	BINARY	CMF	4	AVG	No	Maximum program storage across all DSAs		46
PURGEABILITY	CVDAS	INQ	4	LIKE	No	Purgeability status		99
PURGEABILITY Output valid values	PURGEABLE, NOTPURGEABLE							
PURGETYPE	CVDAS	INQ	4	LIKE	Yes	Purge Type		248
PURGETYPE Input/output valid values	PURGE, FORCEPURGE, KILL, N_A							
QRCPUT	SCLOCK12	CMF	12	MAX	No	CPU time used on QR TCB		226
QRDISPT	SCLOCK12	CMF	12	MAX	No	Dispatch time whilst running on QR TCB		225
QRMODDLY	SCLOCK12	CMF	12	MAX	No	Delay time whilst running on QR TCB		224
RECOVERTOKN	HEX	CMF	8	MIN	No	Recovery manager unit of work ID		142
RECTYPE	CHAR	CMF	4	DIFF	No	Record type		15
RECUNITID	HEX	INQ	8	MIN	No	Local unit of recovery ID	E510PLUS	3
REMOTENAME	CHAR	INQ	4	DIFF	No	Remote transaction name		112
RESOLVEACT	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW resolved with indoubt action		319
RESOLVEACT Output valid values	YES, NO							
RESPTIME	INTTSTP	CPSM	8	MAX	No	Task response time		324
RESSEC	CVDAS	INQ	4	LIKE	No	Resource level security status		101
RESSEC Output valid values	RESSECNO, RESSECYES							
RLSCPUT	SCLOCK12	CMF	12	MAX	No	CPU time used by VSAM record level sharing		173
RLSWAITTIME	SCLOCK12	CMF	12	MAX	No	VSAM record level sharing wait time		156
RMISUSP	SCLOCK12	CMF	12	MAX	No	RMI suspend time		138
RMITIME	SCLOCK12	CMF	12	MAX	No	Total RMI elapsed time		137
ROFAIL	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW resource owner failure		323
ROFAIL Output valid values	YES, NO							
ROPS31HWM	BINARY	CMF	4	AVG	No	Maximum program storage in ERDSA		53
ROUTING	CVDAS	INQ	4	LIKE	No	Dynamic routing type		100
ROUTING Output valid values	DYNAMIC, STATIC							
RRMSURID	HEX	CMF	16	MIN	No	RRMS/MVS unit of recovery ID		239

Table 312. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
RRMSWAIT	SCLOCK12	CMF	12	MAX	No	RRMS/MVS syncpoint coordination delay time		237
RSVD1	SCLOCK12	CMF	12	MAX	No	Reserved space		164
RSVD2	EYUDA	CMF	4	LIKE	No	Reserved space		165
RSVD2 Output valid values	YES, NO							
RSYSID	CHAR	CMF	4	DIFF	No	Remote system ID		113
RTIMEOUT	BINARY	INQ	4	AVG	No	Read timeout (seconds)		102
RUNAWAY	BINARY	INQ	4	AVG	No	Runaway task time (milliseconds)		103
RUNSTATUS	CVDAS	INQ	4	LIKE	No	Dispatch status		9
RUNSTATUS Output valid values	DISPATCHABLE, RUNNING, SUSPENDED							
RUNTRWTT	SCLOCK12	CMF	12	MAX	No	Run synchronous transaction wait time		205
S8CPUT	SCLOCK12	CMF	12	MAX	No	S8 TCB mode CPU time		231
SCRNSIZE	CVDAS	INQ	4	LIKE	No	Screen size		104
SCRNSIZE Output valid values	ALTERNATE, DEFAULT							
SHAREDTSWAIT	SCLOCK12	CMF	12	MAX	No	Shared temporary storage wait time		172
SHSTGBYTEFMA	BINARY	CMF	4	AVG	No	FREEMAIN byte count of shared storage above 16MB		152
SHSTGBYTEFMB	BINARY	CMF	4	AVG	No	FREEMAIN byte count of shared storage below 16MB		149
SHSTGBYTEGMA	BINARY	CMF	4	AVG	No	GETMAIN byte count of shared storage above 16MB		151
SHSTGBYTEGMB	BINARY	CMF	4	AVG	No	GETMAIN byte count of shared storage below 16MB		148
SHSTGGMCABV	BINARY	CMF	4	AVG	No	Shared storage GETMAIN request count above 16MB		150
SHSTGGMCBEL	BINARY	CMF	4	AVG	No	Shared storage GETMAIN request count below 16MB		147
SHUNTED	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW shunted		320
SHUNTED Output valid values	YES, NO							
SOBYDECT	BINARY	CMF	4	AVG	No	Number of socket bytes decrypted		243
SOBYENCT	BINARY	CMF	4	AVG	No	Number of socket bytes encrypted		242
SOIOWTT	SCLOCK12	CMF	12	MAX	No	TCP/IP sockets I/O wait time		238
SRVSYWTT	SCLOCK12	CMF	12	MAX	No	CFDT syncpoint wait time		180
START	TIMESTP	CMF	8	MAX	No	Task start time		16
STARTCODE	CHAR	INQ	2	DIFF	No	Start code		91
STOP	TIMESTP	CMF	8	MAX	No	Task stop time		17

Table 312. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
STORAGECLEAR	CVDAS	INQ	4	LIKE	No	Storage clearance status		105
STORAGECLEAR Output valid values	CLEAR, NOCLEAR							
SUBEXECOMP	EYUDA	CPSM	4	LIKE	No	WLM subset of execution phase complete		317
SUBEXECOMP Output valid values	YES, NO							
SUSPENDTIME	INTSEC	INQ	4	MAX	No	Time task has been suspended		4
SUSPENDTYPE	CHAR	INQ	8	DIFF	No	Reason task is suspended		5
SUSPENDVALUE	CHAR	INQ	16	DIFF	No	Resource for which task is waiting		6
SUSPTIME	SCLOCK12	CMF	12	MAX	No	Task suspend time		81
SYNCCOUNT	BINARY	CMF	4	AVG	No	Number of syncpoint requests		78
SYNCDLY	SCLOCK12	CMF	12	MAX	No	Waiting for parent syncpoint delay time		206
SYNCPTWAITTM	SCLOCK12	CMF	12	MAX	No	Syncpoint wait time		155
SZALLCTO	BINARY	CMF	4	AVG	No	Number of FEPI allocate timeouts		127
SZALLOCT	BINARY	CMF	4	AVG	No	Number of FEPI allocate requests		121
SZCHRIN	BINARY	CMF	4	AVG	No	Number of FEPI characters received		126
SZCHROUT	BINARY	CMF	4	AVG	No	Number of FEPI characters sent		125
SZRCVCT	BINARY	CMF	4	AVG	No	Number of FEPI receive requests		122
SZRCVTO	BINARY	CMF	4	AVG	No	Number of FEPI receive timeouts		128
SZSENDCT	BINARY	CMF	4	AVG	No	Number of FEPI send requests		123
SZSTRTCT	BINARY	CMF	4	AVG	No	Number of FEPI start requests		124
SZTOTCT	BINARY	CMF	4	AVG	No	Total number of FEPI requests		129
SZWAIT	SCLOCK12	CMF	12	MAX	No	FEPI suspend time		130
`TASK-1`	DECIMAL	INQ	4	MAX	Yes	Task ID		1
TASKDATAKEY	CVDAS	INQ	4	LIKE	No	Data storage key		106
TASKDATAKEY Output valid values	CICSDATAKEY, USERDATAKEY							
TASKDATALOC	CVDAS	INQ	4	LIKE	No	Data location		107
TASKDATALOC Output valid values	BELOW, ANY							
TASKFLAG	BINARY	CMF	4	AVG	No	Transaction error flags		21
TCB	CVDAS	INQ	4	LIKE	No	CICS TCB type		181
TCB Output valid values	CKOPEN, UKOPEN, QR, INTERNAL							
TCBATTCT	BINARY	CMF	4	AVG	No	Number of CICS dispatcher TCB attaches		235

Table 312. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TCC62IN2	BINARY	CMF	4	AVG	No	Number of secondary LU6.2 characters received		115
TCC62OU2	BINARY	CMF	4	AVG	No	Number of secondary LU6.2 characters sent		117
TCIOTIME	SCLOCK12	CMF	12	MAX	No	Terminal I/O wait time		84
TCLDELAY	SCLOCK12	CMF	12	MAX	No	First dispatch delay time caused by TCL		132
TCM62IN2	BINARY	CMF	4	AVG	No	Number of secondary LU6.2 messages received		114
TCM62OU2	BINARY	CMF	4	AVG	No	Number of secondary LU6.2 messages sent		116
TDCOUNT	BINARY	CMF	4	AVG	No	Total number of transient data requests		64
TDGETCNT	BINARY	CMF	4	AVG	No	Number of transient data get requests		61
TDIOTIME	SCLOCK12	CMF	12	MAX	No	Transient data I/O wait time		89
TDPURCNT	BINARY	CMF	4	AVG	No	Number of transient data purge requests		63
TDPUTCNT	BINARY	CMF	4	AVG	No	Number of transient data put requests		62
TERMCONNAME	CHAR	CMF	4	DIFF	No	Terminal connection name		146
TERMID	CHAR	CMF	4	DIFF	No	Actual terminal ID or session ID		244
TERMNALINFO	HEX	CMF	4	MIN	No	Terminal information		157
TERMSTG	BINARY	CMF	4	AVG	No	Terminal storage	E410PLUS	33
TMRATMSN	CHAR	CMF	8	DIFF	No	Atom Service name	E640 E650	419
TMRBFDGC	BINARY	CMF	4	AVG	No	Total number of BIF DIGEST requests	E640 E650	424
TMRBFTC	BINARY	CMF	4	AVG	No	Total number of BIF requests	E640 E650	425
TMRCBRNM	CHAR	CMF	4	LIKE	No	CorbaServer name		327
TMRCFACT	BINARY	STAT	4	AVG	No	Number OO class library API requests		281
TMRCIPOR	BINARY	CMF	4	MAX	No	Client IP Port	E640	401
TMRCMDLY	SCLOCK12	CMF	12	AVG	No	CICS TCB Change Mode delay time		368
TMRDHDLC	BINARY	CMF	4	AVG	No	Number of Document Delete requests	E640	381
TMRDSCWT	SCLOCK12	CMF	12	MAX	No	MVS DS storage constraint wait time		339
TMRDSMWT	SCLOCK12	CMF	12	MAX	No	Dispatcher TCB mismatch wait time		338
TMRDSTHW	BINARY	CMF	4	AVG	No	CICS dispatcher TCB high water mark		328
TMRECEVC	BINARY	CMF	4	AVG	No	Number of EVENTS captured	E640 E650	416
TMRECFOC	BINARY	CMF	4	AVG	No	Number of event filter requests	E640 E650	415

Table 312. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TMRECSEC	BINARY	CMF	4	MAX	No	Number of synchronous emission events captured	E640 E650 E660	430
TMRECSGE	BINARY	CMF	4	AVG	No	Number of SIGNAL EVENT requests	E640 E650	414
TMREICTC	BINARY	CMF	4	AVG	No	Total number of EXEC CICS requests	E640 E650	413
TMREJBAC	BINARY	CMF	4	AVG	No	Number of bean state activation requests		329
TMREJBCC	BINARY	CMF	4	AVG	No	Number of bean creation requests		331
TMREJBPC	BINARY	CMF	4	AVG	No	Number of bean state passivation requests		330
TMREJBRC	BINARY	CMF	4	AVG	No	Number of bean removal requests		332
TMREJBTC	BINARY	CMF	4	AVG	No	Total number of Enterprise bean requests		334
TMREJMCT	BINARY	CMF	4	AVG	No	Number of Enterprise bean method calls		333
TMRHTDLY	SCLOCK12	STAT	12	AVG	No	Maximum Hot-Pooling TCB delay time	E640PLUS	306
TMRICSCC	BINARY	CMF	4	AVG	No	Total local START CHANNEL requests		371
TMRICSCD	BINARY	CMF	4	AVG	No	Data length of all local START CHANNEL requests		372
TMRICSRC	BINARY	CMF	4	AVG	No	Total remote START CHANNEL requests		373
TMRICSRD	BINARY	CMF	4	AVG	No	Data length of all remote START CHANNEL requests		374
TMRISACT	BINARY	CMF	4	MAX	No	Number of IPCONN allocate requests	E640	403
TMRISCNM	CHAR	CMF	8	MAX	No	IPCONN Name	E640	402
TMRISWT	SCLOCK12	CMF	12	MAX	No	IPCONN I/O wait time	E640	404
TMRJ9CPU	SCLOCK12	CMF	12	MAX	No	J9 TCB mode CPU time		337
TMRJSTWT	SCLOCK12	CMF	12	MAX	No	JVM server thread wait time	E640 E650	405
TMRJTDLY	SCLOCK12	STAT	12	AVG	No	Maximum Java virtual machine (JVM) TCB delay time		305
TMRJVMIT	SCLOCK12	STAT	12	AVG	No	Java virtual machine elapsed time - initialise		311
TMRJVMRT	SCLOCK12	STAT	12	AVG	No	Java virtual machine elapsed time - resetting		312
TMRKY8CP	SCLOCK12	STAT	12	AVG	No	User task key 8 mode CPU time		304
TMRKY8DS	SCLOCK12	STAT	12	AVG	No	User task key 8 mode dispatch time		303
TMRKY9CP	SCLOCK12	STAT	12	AVG	No	User task key 9 mode CPU time		336
TMRKY9DS	SCLOCK12	STAT	12	AVG	No	User task key 9 mode dispatch time		335

Table 312. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TMRL9CPU	SCLOCK12	CMF	12	MAX	No	User task L9 mode CPU time		375
TMRMLCTM	SCLOCK12	CMF	12	MAX	No	XML System Services CPU time	E640 E650	427
TMRMLTDL	BINARY	CMF	4	AVG	No	Total document length	E640 E650	426
TMRMLXTC	BINARY	CMF	4	AVG	No	Number of EXEC CICS XML TRANSFORM requests	E640 E650	406
TMRMQAST	SCLOCK12	CMF	12	MAX	No	WebSphere MQ API SRB timeme	E640 E650	429
TMRMQGWT	SCLOCK12	CMF	12	MAX	No	Websphere MQ Getwait wait time	E640	400
TMRNETID	CHAR	STAT	8	DIFF	No	Network id		277
TMRNETSX	HEX	CMF	8	DIFF	No	LU6.2 network-wide UOW instance and sequence number		325
TMROIDWT	SCLOCK12	STAT	12	AVG	No	OTS indoubt wait time		310
TMROTSID	CHAR	STAT	128	DIFF	No	OTS transaction id		280
TMRPCDCC	BINARY	CMF	4	AVG	No	Number of DPL program link requests with channel		347
TMRPCDLL	BINARY	CMF	4	AVG	No	Data length of all DPL program links with channel		343
TMRPCDRL	BINARY	CMF	4	AVG	No	Total data length of all DPL returns with channel		344
TMRPCLCC	BINARY	CMF	4	AVG	No	Number of program link requests with channel		345
TMRPCRCC	BINARY	CMF	4	AVG	No	Number of program return requests with channel		348
TMRPCRCL	BINARY	CMF	4	AVG	No	Data length of all program returns with channel		349
TMRPCXCC	BINARY	CMF	4	AVG	No	Number of program XCTL requests with channel		346
TMRPGBCC	BINARY	CMF	4	AVG	No	Number of browse container channel requests		351
TMRPGCCC	BINARY	CMF	4	AVG	No	Number of containers created for channel containers		379
TMRPGCTC	BINARY	CMF	4	AVG	No	Total number of channel data container requests		350
TMRPGGCC	BINARY	CMF	4	AVG	No	Number of get container channel requests		352
TMRPGGCL	BINARY	CMF	8	AVG	No	Data length of all get container channel requests		355
TMRPGMCC	BINARY	CMF	4	AVG	No	Number of move container channel requests		354
TMRPGPCC	BINARY	CMF	4	AVG	No	Number of put container channel requests		353
TMRPGPCL	BINARY	CMF	8	AVG	No	Data length of all put container channel requests		356
TMRPIPLN	CHAR	CMF	8	DIFF	No	Pipeline name	E640 E650	418

Table 312. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TMRPORTN	BINARY	STAT	4	AVG	No	TCP/IP service port number		279
TMRPTPWT	SCLOCK12	STAT	12	AVG	No	Partner wait time		313
TMRRLUNM	CHAR	STAT	8	DIFF	No	Real LUNAME		278
TMRROCPU	SCLOCK12	STAT	12	AVG	No	User task RO mode CPU time		302
TMRRODSP	SCLOCK12	STAT	12	AVG	No	User task RO mode dispatch time		301
TMRRQPWT	SCLOCK12	STAT	12	AVG	No	Request processor wait time		309
TMRRQRWT	SCLOCK12	STAT	12	AVG	No	Request receiver wait time		308
TMRSOCIN	BINARY	STAT	4	AVG	No	Number characters received		293
TMRSOCNS	BINARY	STAT	4	AVG	No	Number CREATE non-persistent socket requests		288
TMRSOCOT	BINARY	STAT	4	AVG	No	Number characters sent		295
TMRSOCPS	BINARY	STAT	4	AVG	No	Number CREATE persistent socket requests		289
TMRSOERC	BINARY	STAT	4	AVG	No	EXTRACT TCPIP and EXTRACT CERTIFICATE request count		287
TMRSOI1C	BINARY	STAT	4	AVG	No	Number inbound socket characters received		298
TMRSOIMC	BINARY	STAT	4	AVG	No	Number inbound socket receive requests		297
TMRSONHW	BINARY	STAT	4	AVG	No	Non-persistent socket HWM		290
TMRSOO1C	BINARY	STAT	4	AVG	No	Number inbound socket characters sent		300
TMRSOOMC	BINARY	STAT	4	AVG	No	Number inbound socket send requests		299
TMRSOOWT	SCLOCK12	STAT	12	AVG	No	Outbound socket I/O wait time		307
TMRSOPHW	BINARY	STAT	4	AVG	No	Persistent socket HWM		291
TMRSORCT	BINARY	STAT	4	AVG	No	Number socket receive requests		292
TMRSOSCT	BINARY	STAT	4	AVG	No	Number socket send requests		294
TMRSOTC	BINARY	STAT	4	AVG	No	Total number socket requests		296
TMRSTDLY	SCLOCK12	CMF	12	AVG	No	Maximum CICS SSL TCB delay time		366
TMRT8CPU	SCLOCK12	CMF	12	MAX	No	User task T8 mode cpu time	E640 E650	411
TMRTCPSV	CHAR	CMF	8	DIFF	No	TCP/IP Service name		326
TMRTGPID	HEX	STAT	28	DIFF	No	Transaction group id		275
TMRTIATC	BINARY	CMF	4	AVG	No	Number of EXEC CICS ASKTIME requests	E640 E650	422
TMRTITC	BINARY	CMF	4	AVG	No	Total number of EXEC CICS xxxTIME requests	E640 E650	423

Table 312. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TMRTRSN	DECIMAL	STAT	4	MAX	No	Transaction sequence number		274
TMRTTDLY	SCLOCK12	CMF	12	MAX	No	Maximim thread TCB delay time	E640 E650	412
TMRURIMN	CHAR	CMF	8	DIFF	No	URI map name	E640 E650	417
TMRWBBOC	BINARY	CMF	4	AVG	No	Number of web browse requests		365
TMRWBBRC	BINARY	STAT	4	AVG	No	Number WEB BROWSE requests		284
TMRWBERC	BINARY	STAT	4	AVG	No	Number WEB EXTRACT requests		283
TMRWBI1C	BINARY	CMF	4	AVG	No	Number of bytes received by web requests		361
TMRWBIRC	BINARY	CMF	4	AVG	No	Number of web receive requests		360
TMRWBIWC	BINARY	CMF	4	AVG	No	Number of invoke web service requests		357
TMRWBO1C	BINARY	CMF	4	AVG	No	Number of bytes sent by web send requests		363
TMRWBOSC	BINARY	CMF	4	AVG	No	Number of web send requests		362
TMRWBPRC	BINARY	CMF	4	AVG	No	Number of web parse requests		364
TMRWBRDL	BINARY	CMF	4	AVG	No	Data length of data read from the repository		377
TMRWBROC	BINARY	CMF	4	AVG	No	Number of web read requests		358
TMRWBRPR	BINARY	STAT	4	AVG	No	Number repository reads		282
TMRWBRRC	BINARY	STAT	4	AVG	No	Number WEB READ requests		285
TMRWBWDL	BINARY	CMF	4	AVG	No	Data length of data written to the repository		378
TMRWBWOC	BINARY	CMF	4	AVG	No	Number of web write requests		359
TMRWBWRC	BINARY	STAT	4	AVG	No	Number WEB WRITE requests		286
TMRWMQRC	BINARY	CMF	4	MAX	No	Total number Websphere MQ requests	E640	399
TMRWPBMN	CHAR	CMF	8	DIFF	No	Program name	E640 E650	421
TMRWSATC	BINARY	CMF	4	AVG	No	Total number of WS addressing requests	E640 E650	410
TMRWSCBC	BINARY	CMF	4	AVG	No	Number of WSACONTEXT BUILD requests	E640 E650	407
TMRWSCGC	BINARY	CMF	4	AVG	No	Number of WSACONTEXT GET requests	E640 E650	408
TMRWSEPC	BINARY	CMF	4	AVG	No	Number of WSAEPR create requests	E640 E650	409
TMRWSOPN	CHAR	CMF	64	DIFF	No	Web Services Operation name	E640 E650	428

Table 312. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TMRWSVCN	CHAR	CMF	32	DIFF	No	Webservice name	E640 E650	420
TMRX8CPU	SCLOCK12	CMF	12	AVG	No	User task X8 mode CPU time		369
TMRX9CPU	SCLOCK12	CMF	12	AVG	No	User task X9 mode CPU time		370
TMRXTDLY	SCLOCK12	CMF	12	AVG	No	Maximum CICS XPLink TCB delay time		367
TRACING	CVDAS	INQ	4	LIKE	No	Task tracing type		108
TRACING Output valid values	SPECTRACE, STANTRACE, SPRSTRACE							
TRANCLASS	CHAR	INQ	8	DIFF	No	Transaction class		10
TRANFLAGS	HEX	CMF	8	MIN	No	Transaction flags		145
TRANID	CHAR	INQ	4	DIFF	No	Transaction		11
TRANPRIORITY	BINARY	INQ	4	AVG	No	Transaction priority		109
TRANTYPE	CHAR	CMF	4	DIFF	No	Transaction type		14
TRPROF	CHAR	INQ	8	DIFF	No	Transaction routing profile name		110
TSCOUNT	BINARY	CMF	4	AVG	No	Total number of temporary storage requests		68
TSGETCNT	BINARY	CMF	4	AVG	No	Number of temporary storage gets		65
TSIOTIME	SCLOCK12	CMF	12	MAX	No	Temporary storage I/O wait time		87
TSPUTACNT	BINARY	CMF	4	AVG	No	Number of TS puts to auxiliary storage		66
TSPUTMCNT	BINARY	CMF	4	AVG	No	Number of TS puts to main storage		67
TWASIZE	BINARY	INQ	4	AVG	No	Size in bytes of transaction work area (TWA)		111
UNITOFWORK	HEX	INQ	16	MIN	No	Local unit of work (UOW) ID		159
UNSHUNTED	EYUDA	CPSM	4	LIKE	No	Recovery manager UOW unshunted		321
UNSHUNTED Output valid values	YES, NO							
UOWID	HEX	CMF	8	MIN	No	Network UOW instance and sequence number		8
USERID	CHAR	INQ	8	DIFF	No	User ID		12
USRPS24HWM	BINARY	CMF	4	AVG	No	Maximum program storage in UDSA		50
USRPS31HWM	BINARY	CMF	4	AVG	No	Maximum program storage in EUDSA		49
USTG24CNT	BINARY	CMF	4	AVG	No	User storage GETMAIN request count below 16MB		34
USTG24HWM	BINARY	CMF	4	AVG	No	Peak number of bytes used by task in UDSA		38
USTG24OCC	BINARY	CMF	8	AVG	No	Average storage usage below 16 MB line		42
USTG31CNT	BINARY	CMF	4	AVG	No	User storage GETMAIN request count above 16MB		35

Table 312. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
USTG31HWM	BINARY	CMF	4	AVG	No	Peak number of bytes used by task in EUDSA		39
USTG31OCC	BINARY	CMF	8	AVG	No	Average storage usage above 16 MB line		43
WAITTIME	SCLOCK12	CMF	12	MAX	No	Dispatch wait time		82
WBCHRIN	BINARY	CMF	4	AVG	No	Number of characters received via WEB requests		208
WBCHROUT	BINARY	CMF	4	AVG	No	Number of characters sent via WEB requests		210
WBRCVCT	BINARY	CMF	4	AVG	No	Number of WEB receive requests		207
WBREPWCT	BINARY	CMF	4	AVG	No	Number of WEB repository writes		212
WBSENDCT	BINARY	CMF	4	AVG	No	Number of WEB send requests		209
WBTOTCT	BINARY	CMF	4	AVG	No	Total number of WEB requests		211
WLMRPTRCNAME	CHAR	CMF	8	DIFF	No	Workload manager report class name		144
WLMSRVCNAME	CHAR	CMF	8	DIFF	No	Workload manager service class name		143

TASKTSQ Resource Table

A CICS Resource that describes tasks and the CICS Temporary Storage Queues they have used in an active system being managed by CICSPlex SM. Note that for these records to be available, the MAS must be running with the SIT parameter MNRES=ON, and be using an MCT that specifies a value greater than 0 for TSQUEUE on the DFHMCT TYPE=INITIAL macro.

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

External resource name
    CICSTaskTSQueueUsage

Length
    128

Usage   API or CICS Management Client Interface or EVALDEF

API view
    Yes

CMAS context
    No

SCOPE applies
    Yes

Only query CMASs in workload
    No

Object type
    CICS Resource

Table 313. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 314. TASKTSQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MNRSTART	TIMESTP	STAT	8	MAX	No	Task start time	14
`MNRTASKNO-1`	DECIMAL	STAT	4	MAX	Yes	Task ID	11
MNRTRANID	CHAR	STAT	4	DIFF	No	Transaction ID	12
MNRTSQLIMIT	EYUDA	STAT	4	LIKE	No	TS queue limit exceeded	15
MNRTSQLIMIT Output valid values	YES, NO						
MNRUSERID	CHAR	STAT	8	DIFF	No	User ID	13
PUTAUXITEML	BINARY	STAT	4	SUM	No	Auxiliary TS queue WRITEQ item length	9
PUTMAINITEML	BINARY	STAT	4	SUM	No	Main TS queue WRITEQ item length	10
SHRTSQIOWT	SCLOCK	STAT	8	AVG	No	Shared TS queue I/O wait time	7
TSQGET	SCLOCK	STAT	8	AVG	No	TS queue READQ time and count	2
TSQGETITEML	BINARY	STAT	4	SUM	No	TS queue READQ item length	8
TSQIOWT	SCLOCK	STAT	8	AVG	No	TS queue I/O wait time	6
`TSQNAME-2`	CHAR	STAT	16	DIFF	Yes	TS queue name	1
TSQPUTAUX	SCLOCK	STAT	8	AVG	No	Auxiliary TS queue WRITEQ time and count	3
TSQPUTMAIN	SCLOCK	STAT	8	AVG	No	Main TS queue WRITEQ time and count	4
TSQTOTAL	SCLOCK	STAT	8	AVG	No	Total TSQ READQ, WRITEQ and DELETEQ time and count	5

TCLINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
56

Usage   API or Batch Utility 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

EYUt6159

Table 315. Valid CPSM operations

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

Table 316. TCLINGRP FEEDBACK error codes

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

Table 317. TCLINGRP resource table attributes

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

TCPDEF Resource Table

A CICS Definition that describes a TCP/IP Service.

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

The following actions are supported:

INSTALL

Install a TCP/IP Service Definition.

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

External resource name

CICSDefinitionTCPIPService

Length

552

Usage API or Batch Utility or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3823

Table 318. 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 318. Valid CPSM operations (continued)

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

Table 319. TCPDEF FEEDBACK error codes

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

Table 320. TCPDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ATTACHSEC	EYUDA	CPSM	4	No	LIKE	No	Attach-time security	NOTAPPLIC			30
ATTACHSEC Input/output valid values	LOCAL, VERIFY, NOTAPPLIC										
AUTHENTICATE	EYUDA	CPSM	4	Yes	LIKE	No	Authentication level	NO			25
AUTHENTICATE Input/output valid values	NO, BASIC, CERTIFICATE, AUTOREGISTER, AUTOMATIC, NOTAPPLIC, ASSERTED										
BACKLOG	CHAR	CPSM	8	Yes	DIFF	No	Queue backlog limit	00001	0-32767		12
CERTIFICATE	CHAR	CPSM	56	No	DIFF	No	Certificate				15
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	36
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	38
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	37
CIPHERS	CHAR	CPSM	56	No	LIKE	No	SSL cipher suite codes				32
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				16
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	41
`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		34
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				20
DNSGROUP	CHAR	CPSM	18	No	DIFF	No	Domain name service (DNS) group				27
GRPCRITICAL	EYUDA	CPSM	4	No	LIKE	No	Critical domain name service (DNS) group member	NOTAPPLIC			29
GRPCRITICAL Input/output valid values	NO, YES, NOTAPPLIC										
HOST	CHAR	CPSM	116	Yes	DIFF	No	Incoming connections listening address			E640 E650	40
IPADDRESS	CHAR	CPSM	15	No	DIFF	No	IPv4 address				22
MAXDATALEN	CHAR	CPSM	6	No	DIFF	No	Maximum length of data to be received or sent	32	3-524288		33
MAXPERSIST	CHAR	CPSM	5	No	DIFF	No	Maximum number of persistent connections	NO	0-65535	E640 E650 E660	42

Table 320. TCPDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
MAXPERSIST Input/output valid values	NO										
NAME-1	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
PORTNUMBER	CHAR	CPSM	8	Yes	DIFF	No	Port number		1-65535		8
PRIVACY	CVDAS	CPSM	4	No	LIKE	No	Privacy	NOTAPPLIC		E640PLUS	31
PRIVACY Input/output valid values	REQUIRED, SUPPORTED, NOTSUPPORTED, NOTAPPLIC										
PROTOCOL	CVDAS	CPSM	4	No	LIKE	No	Protocol				26
PROTOCOL Input/output valid values	HTTP, IIOP, ECI, USER, NOTAPPLIC, IPIC										
REALM	CHAR	CPSM	56	No	DIFF	No	Basic authentication realm name			E640	35
SOCKETCLOSE	CHAR	CPSM	6	No	DIFF	No	Timeout for socket close (HHMMSS)				23
SSL	EYUDA	CPSM	4	Yes	LIKE	No	Secure sockets layer (SSL) type	NO			13
SSL Input/output valid values	YES, NO, CLIENTAUTH										
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	TCP/IP service status	OPEN			9
STATUS Input/output valid values	OPEN, CLOSED										
TRANSACTION	CHAR	CPSM	4	Yes	DIFF	No	CICS transaction ID				10
TSQPREFIX	CHAR	CPSM	6	No	DIFF	No	TS queue prefix				21
URM	CHAR	CPSM	8	No	DIFF	No	User-replaceable module name				11
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				17
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				18
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				19

TCPINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a TCP/IP Service definition (TCPDEF) in a resource group (RESGROUP). A TCPDEF can be a member of multiple RESGROUPs.

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

There are no object specific actions for this resource class.

External resource name

Length
> 56

Usage   API or Batch Utility 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

EYUt6168

Table 321. Valid CPSM operations

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

Table 322. TCPINGRP FEEDBACK error codes

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

Table 323. TCPINGRP resource table attributes

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

TCPIPGBL Resource Table

A CICS Resource that provides information about CICS internal TCP/IP sockets support.

There are no object specific actions for this resource class.

External resource name
    CICSTCPIPStatistics

Length
    608

Usage API or CICS Management Client Interface or EVALDEF

API view
    Yes

CMAS context
    No

SCOPE applies
    Yes

Only query CMASs in workload
    No

Object type
    CICS Resource

Copybook identifier
    EYUt0113

Table 324. Valid CPSM operations

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

Table 325. TCPIPGBL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ACTSOCKETS	BINARY	INQ	4	AVG	No	Number of active TCP/IP sockets		3
CDELMAXSOCKS	BINARY	STAT	4	AVG	No	Current number of requests delayed at maximum sockets		17
CINSOCKETS	BINARY	STAT	4	AVG	No	Number of inbound sockets		4
COUTSOCKETS	BINARY	STAT	4	AVG	No	Number of non-persistent outbound sockets		6
CPERSOCKETS	BINARY	STAT	4	AVG	No	Number of persistent outbound sockets		8
CQTMAXSOCKS	BINARY	STAT	4	AVG	No	Current delay time at maximum sockets (seconds)		19

Table 325. TCPIPGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
CRLPROFILE	CHAR	INQ	246	LIKE	No	Certificate Revocation List (CRL) Profile Name		21
CRLSERVER	CHAR	INQ	255	LIKE	No	CRL server name		21
DELMAXSOCKS	BINARY	STAT	4	AVG	No	Total number of requests delayed at maximum sockets		14
INSOCKETSCR	BINARY	STAT	4	AVG	No	Number of inbound sockets created		10
MAXSOCKETS	BINARY	INQ	4	AVG	Yes	Maximum number of TCP/IP sockets		2
OUTSOCKETSCL	BINARY	STAT	4	AVG	No	Number of outbound sockets closed		12
OUTSOCKETSCR	BINARY	STAT	4	AVG	No	Number of outbound sockets created		11
PDELMAXSOCKS	BINARY	STAT	4	MAX	No	Peak number of requests delayed at maximum sockets		18
PINSOCKETS	BINARY	STAT	4	MAX	No	Peak number of inbound sockets		5
POUTSOCKETS	BINARY	STAT	4	MAX	No	Peak number of outbound sockets		7
PPERSOCKETS	BINARY	STAT	4	MAX	No	Peak number of persistent outbound sockets		9
QTMAXSOCKS	BINARY	STAT	4	AVG	No	Total delay time at maximum sockets (seconds)		15
RSVD1	CHAR	CPSM	9	LIKE	No	Reserved area	EALL	22
SSLCACHE	CVDAS	INQ	4	LIKE	No	SSL cache type		20
SSLCACHE Output valid values	CICS, SYSPLEX							
STATUS	CVDAS	INQ	4	LIKE	Yes	TCP/IP status		1
STATUS Input/output valid values	OPEN, CLOSED, IMMCLOSE							
STATUS Output valid values	CLOSING, IMMCLOSING, OPENING							
TDOMAXSOCKS	BINARY	STAT	4	AVG	No	Number of timeouts at maximum sockets		16
TIMMAXSOCKS	BINARY	STAT	4	AVG	No	Number of times maximum sockets reached		13

TCPIPS Resource Table

A CICS Resource that describes a TCP/IP Service in an active CICS system being managed by CICSPlex SM.

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

The following actions are supported:

CLOSE
Close a TCP/IP Service

DISCARD
    Discard a TCP/IP Service

IMMCLOSE
    Close a TCP/IP Service immediately

OPEN Open a TCP/IP Service

These actions require no unique parameter data.

External resource name
    CICSTCPIPService

Length
    568

Usage API or CICS Management Client Interface or EVALDEF

API view
    Yes

CMAS context
    No

SCOPE applies
    Yes

Only query CMASs in workload
    No

Object type
    CICS Resource

Copybook identifier
    EYUt0103

Table 326. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	OPEN	None	N/A
	CLOSE	None	N/A
	IMMCLOSE	None	N/A
	DEREGISTER	None	N/A

Table 327. TCPIPS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
ATTACHSEC	CVDAS	INQ	4	LIKE	No	Attach-time security			32
ATTACHSEC Input/output valid values	NOTAPPLIC								
ATTACHSEC Output valid values	LOCAL, VERIFY								
AUTHENTICATE	CVDAS	INQ	4	LIKE	No	Authentication level			24

Table 327. TCPIPS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
AUTHENTICATE Output valid values	AUTOAUTH, AUTOREGISTER, BASICAUTH, CERTIFICAUTH, NOAUTHENTIC, ASSERTED								
BACKLOG	BINARY	INQ	4	AVG	Yes	Queue backlog limit			3
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	48
BYTERCVD	BINARY	STAT	8	AVG	No	Number of bytes received across all sockets			21
BYTESENT	BINARY	STAT	8	AVG	No	Number of bytes sent across all sockets			19
CERTIFICATE	CHAR	INQ	32	DIFF	No	Certificate			25
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	40
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, SYSTEM, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	41
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	43
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	39
CIPHERS	CHAR	INQ	56	LIKE	No	SSL cipher suite codes			34
CLOSETIMEOUT	BINARY	INQ	4	AVG	No	Timeout for socket close (seconds)			23
CONNECTIONS	BINARY	INQ	4	AVG	No	Number of connections			8
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	44
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	45
DNSGROUP	CHAR	INQ	18	DIFF	No	Domain name service (DNS) group			28
DNSSTATUS	CVDAS	INQ	4	LIKE	Yes	Domain name service (DNS) status			30
DNSSTATUS Input/output valid values	DEREGISTERED								
DNSSTATUS Output valid values	UNAVAILABLE, UNREGISTERED, REGISTERED, REGERROR, DEREGERROR, NOTAPPLIC								
GMTSERVOPN	DATETIME	STAT	8	MAX	No	GMT service open time			14
GRPCRITICAL	CVDAS	INQ	4	LIKE	No	Critical domain name service (DNS) group member			31
GRPCRITICAL Output valid values	NONCRITICAL, CRITICAL								
HOST	CHAR	INQ	116	DIFF	No	Server address to listen on		E640 E650	52
HOSTTYPE	CVDAS	INQ	4	LIKE	No	The listening server's address format		E640 E650	50
HOSTTYPE Output valid values	ANY, DEFAULT, HOSTNAME, IPV4, IPV6, NOTAPPLIC								

Table 327. TCPIPS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	42
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	47
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	46
IPADDRESS	CHAR	INQ	15	DIFF	No	IPv4 address of the service			10
IPFAMILY	CVDAS	INQ	4	LIKE	No	Resolved IP address format		E640 E650	51
IPFAMILY Output valid values	IPV4, IPV6, UNKNOWN								
IPRESOLVED	CHAR	INQ	39	DIFF	No	Resolved IP address		E640 E650	49
MAXDATALEN	BINARY	INQ	4	AVG	Yes	Maximum length of data that may be received			37
MAXPERSIST	BINARY	INQ	4	DIFF	Yes	Maximum persistent connections		E640 E650 E660	53
`NAME-1`	CHAR	INQ	8	DIFF	Yes	TCP/IP service name			1
NONPERSIST	BINARY	STAT	4	DIFF	Yes	Number of non-persisted connections		E640 E650 E660	54
NUMCIPHERS	BINARY	INQ	2	LIKE	No	Number of SSL cipher suite codes			35
OPENSTATUS	CVDAS	INQ	4	LIKE	Yes	TCP/IP service status			4
OPENSTATUS Input/output valid values	OPEN, CLOSED, IMMCLOSE								
OPENSTATUS Output valid values	OPENING, CLOSING, IMMCLOSING								
PEAKCONNS	BINARY	STAT	4	AVG	No	Peak number of connections			13
PORT	BINARY	INQ	4	MAX	No	Port number			2
PRIVACY	CVDAS	INQ	4	LIKE	No	Privacy for clients using this service			33
PRIVACY Output valid values	REQUIRED, SUPPORTED, NOTSUPPORTED								
PROTOCOL	CVDAS	INQ	4	LIKE	No	Protocol			27
PROTOCOL Output valid values	HTTP, IIOP, NOTAPPLIC, ECI, IPIC								
REALM	CHAR	INQ	56	DIFF	No	Basic authentication realm name		E640	38
RECEIVES	BINARY	STAT	4	AVG	No	Number of receives across all sockets			20
SENDS	BINARY	STAT	4	AVG	No	Number of sends across all sockets			18
SOCKETCLOSE	CVDAS	INQ	4	LIKE	No	Socket close action			22

Table 327. TCPIPS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
SOCKETCLOSE Output valid values	WAIT, TIMEOUT								
SSLTYPE	CVDAS	INQ	4	LIKE	No	Secure sockets layer (SSL) type			7
SSLTYPE Output valid values	SSL, NOSSL, CLIENTAUTH								
TIMEOPEN	DATETIME	STAT	8	MAX	No	Local service open time			15
TRANATTACH	BINARY	STAT	4	AVG	No	Number of transactions attached			12
TRANSID	CHAR	INQ	4	DIFF	No	CICS transaction ID			5
TSQPREFIX	CHAR	INQ	6	DIFF	No	TS queue prefix			9
URM	CHAR	INQ	8	DIFF	Yes	User-replaceable module name			6

TDQDEF Resource Table

A CICS Definition that describes an intrapartition, extrapartition, indirect or remote transient data queue.

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

The following actions are supported:

INSTALL

Install a Transient Data Queue Definition.

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

External resource name
CICSDefinitionTDQueue

Length
400

Usage   API or Batch Utility or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICS Definition

Copybook identifier
EYUt3811

Table 328. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES|NO)	No
		MODE(INTRA|EXTRA|IND)	No
		NOTIFY(NO|INACTIVE|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 329. TDQDEF FEEDBACK error codes

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

Table 329. TDQDEF 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 330. TDQDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ATIFACILITY	EYUDA	CPSM	4	Yes	LIKE	No	Destination type	TERMINAL			16
ATIFACILITY Input/output valid values	TERMINAL, FILE, SYSTEM										
BLOCKFORMAT	CVDAS	CPSM	4	No	LIKE	No	Block option	NOTAPPLIC			9
BLOCKFORMAT Input/output valid values	BLOCKED, UNBLOCKED, NOTAPPLIC										
BLOCKSIZE	CHAR	CPSM	8	No	DIFF	No	Block size	0	0-32767		21
BUFNO	CHAR	CPSM	4	No	DIFF	No	Number of buffers	1	1-255	E510PL6S	46
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	54
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	56
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	55
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				48
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	58
DATABUFFERS	CHAR	CPSM	4	No	DIFF	No	Number of buffers	1	1-255		23
DDNAME	CHAR	CPSM	8	Yes	DIFF	No	DD name				29
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		53
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				52
DEVFILENAME	CHAR	CPSM	40	Yes	DIFF	No	Device file name			EALL	37

Table 330. TDQDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
DEVICEINIT	EYUDA	CPSM	4	Yes	LIKE	No	Open at initalization	INITIAL		E330PI47S	
DEVICEINIT Input/output valid values	INITIAL, DEFERRED										
DEVICETYPE	EYUDA	CPSM	4	Yes	LIKE	No	Type of device	DISK		E330PI44S	
DEVICETYPE Input/output valid values	DISK, TAPE, PRINTER										
DISPOSITION	EYUDA	CPSM	4	Yes	LIKE	No	Disposition	SHR			11
DISPOSITION Input/output valid values	SHR, OLD, MOD										
DSNAME	CHAR	CPSM	44	No	DIFF	No	DS name				30
ERROROPTION	EYUDA	CPSM	4	Yes	LIKE	No	Error option	IGNORE			12
ERROROPTION Input/output valid values	IGNORE, SKIP										
FACILITYID	CHAR	CPSM	4	No	DIFF	No	Facility identifier				31
FILELABEL	EYUDA	CPSM	4	Yes	LIKE	No	Write a standard label	NO		EALL	43
FILELABEL Input/output valid values	YES, NO										
INDIRECTNAME	CHAR	CPSM	4	No	DIFF	No	Indirect transient data queue (TDQ) name				34
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
OPENTIME	EYUDA	CPSM	4	Yes	LIKE	No	Data set open time	INITIAL			13
OPENTIME Input/output valid values	INITIAL, DEFERRED										
PRINTCONTROL	EYUDA	CPSM	4	No	LIKE	No	Printer control	N_A			14
PRINTCONTROL Input/output valid values	ASA, MACHINE, N_A										
PRINTERNUM	CHAR	CPSM	4	No	DIFF	No	Printer number	1403	1403-5203	E330PI45S	
RECORDFORMAT	CVDAS	CPSM	4	No	LIKE	No	Record format	UNDEFINED			10
RECORDFORMAT Input/output valid values	UNDEFINED, VARIABLE, FIXED										
RECORDSIZE	CHAR	CPSM	8	No	DIFF	No	Record size	1	0-32767		22
RECOVSTATUS	EYUDA	CPSM	4	Yes	LIKE	No	Recovery option	NO			17
RECOVSTATUS Input/output valid values	NO, PHYSICAL, LOGICAL										
REMOTELENGTH	CHAR	CPSM	8	No	DIFF	No	Remote length	1	0-32767		25
REMOTENAME	CHAR	CPSM	4	No	DIFF	No	Remote transient data queue (TDQ) name				35
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	No	System identifier of remote destination				36

Table 330. TDQDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	No	Queue is resident or non-resident	YES		E330PLUS	41
RESIDENT Input/output valid values	YES, NO										
REUSE	EYUDA	CPSM	4	Yes	LIKE	No	Reuse control intervals	YES		E330PLUS	40
REUSE Input/output valid values	YES, NO										
REWIND	EYUDA	CPSM	4	Yes	LIKE	No	Tape disposition	LEAVE			15
REWIND Input/output valid values	LEAVE, REREAD, NOTAPPLIC										
RSL	CHAR	CPSM	8	No	DIFF	No	Resource security value	PUBLIC	1-24	E330PLUS	39
RSL Input/output valid values	PUBLIC										
SYSOUTCLASS	CHAR	CPSM	1	No	DIFF	No	System output (SYSOUT) class				27
TAPEMARK	EYUDA	CPSM	4	Yes	LIKE	No	Write a file tapemark	NO		EALL	42
TAPEMARK Input/output valid values	YES, NO										
TDQTYPE	EYUDA	CPSM	4	Yes	LIKE	No	Transient data queue (TDQ) type	EXTRA			26
TDQTYPE Input/output valid values	EXTRA, INTRA, INDIRECT, REMOTE										
TERMID	CHAR	CPSM	4	No	DIFF	No	Terminal name				38
TRANSID	CHAR	CPSM	4	No	DIFF	No	Transaction started at trigger level				32
TRIGGERLEVEL	CHAR	CPSM	8	No	DIFF	No	Trigger level	1	0-32767		24
TYPEFILE	CVDAS	CPSM	4	Yes	LIKE	No	Data set type	INPUT			20
TYPEFILE Input/output valid values	INPUT, OUTPUT, RDBACK										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				49
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				50
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				51
USERID	CHAR	CPSM	8	No	DIFF	No	User ID on the triggered transaction				33
WAIT	EYUDA	CPSM	4	Yes	LIKE	No	Wait for UOW resynchronization	N_A			18
WAIT Input/output valid values	YES, NO, N_A										
WAITACTION	EYUDA	CPSM	4	Yes	LIKE	No	In-doubt UOW wait action	N_A			19

Table 330. TDQDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
WAITACTION Input/output valid values	REJECT, QUEUE, N_A										

TDQGBL Resource Table

A CICS Resource that describes the general characteristics of transient data usage in an active CICS system being managed byCICSPlex SM .

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

There are no object specific actions for this resource class.

External resource name
> CICSGlobalTDQueueStatistics

Length
> 120

Usage   API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Resource

Copybook identifier
> EYUt0025

Table 331. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 332. TDQGBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ACCESSCNT	BINARY	STAT	4	AVG	Number of intrapartition accesses	3
BUFFERS	BINARY	STAT	4	AVG	Number of intrapartition buffers	1

Table 332. TDQGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
BUFFWAITS	BINARY	STAT	4	AVG	Number of intrapartition buffer waits	5
CINUM	BINARY	STAT	4	AVG	Number of control intervals	8
CISIZE	BINARY	STAT	4	AVG	Control interval size	7
CURBUFFWAIT	BINARY	STAT	4	AVG	Number of current buffer waits	21
CURBUFVALDA	BINARY	STAT	4	AVG	Number of current buffers with valid data	22
CURCONBUFAC	BINARY	STAT	4	AVG	Number of current concurrent buffer accesses	20
CURCONSTRAC	BINARY	STAT	4	AVG	Number of current concurrent string accesses	23
CURSTRWAITS	BINARY	STAT	4	AVG	Number of current string waits	24
FMTWRITE	BINARY	STAT	4	AVG	Number of formatting writes	13
IOERRS	BINARY	STAT	4	AVG	Number of I/O errors	14
NOSPACECNT	BINARY	STAT	4	AVG	Number of times NOSPACE occurred	10
NUMCTRLINTV	BINARY	STAT	4	AVG	Number of control intervals in use	25
PEAKBWAIT	BINARY	STAT	4	AVG	Peak number of intrapartition buffer waits	6
PEAKCACCESS	BINARY	STAT	4	AVG	Peak number of concurrent intrapartition accesses	4
PEAKCIUSE	BINARY	STAT	4	AVG	Peak number of control intervals used	9
PEAKQACTV	BINARY	STAT	4	AVG	Peak number of queues that contain data	2
PEAKSTRACC	BINARY	STAT	4	AVG	Peak number of concurrent string accesses	17
PEAKSTRWAIT	BINARY	STAT	4	AVG	Peak number of string waits	19
READS	BINARY	STAT	4	AVG	Number of data set reads	12
STRACCESS	BINARY	STAT	4	AVG	Number of times string accessed	16
STRINGS	BINARY	STAT	4	AVG	Number of strings	15
STRNGWAITS	BINARY	STAT	4	AVG	Number of string waits	18
WRITES	BINARY	STAT	4	AVG	Number of writes to data set	11

TDQINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
> 56

Usage   API or Batch Utility 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
EYUt6156

Table 333. Valid CPSM operations

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

Table 334. TDQINGRP FEEDBACK error codes

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

Table 335. TDQINGRP resource table attributes

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

TERMDEF Resource Table

A CICS Definition that describes a terminal device with which CICS is to communicate.

The **Primary** key field for this resource class is NAME. A terminal 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 Terminal Definition.
>
>The parameter data for the INSTALL action is described in "Parameters for installing CICS definitions using BAS" on page 17.

External resource name
>CICSDefinitionTerminal

Length
>640

Usage API or Batch Utility or CICS Management Client Interface

API view
>No

CMAS context
>No

SCOPE applies
>No

Only query CMASs in workload
>No

Object type
>CICS Definition

Copybook identifier
>EYUt3812

Table 336. 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

Table 336. Valid CPSM operations (continued)

	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR | DUPNOREPLACE | DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 337. TERMDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid overtype	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD access error			

Table 338. TERMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ALTPRINTCOPY	EYUDA	CPSM	4	Yes	LIKE	No	Hardware COPY feature for alternate printer	NO			10
ALTPRINTCOPY Input/output valid values	YES, NO										
ALTPRINTER	CHAR	CPSM	4	No	DIFF	No	Alternate printer name				9
ASSOCPRNTR	CHAR	CPSM	4	No	DIFF	No	Associated printer				58
ASYNCBPS	CHAR	CPSM	8	No	DIFF	No	OS/2 asynchronous line speed (bits per second)			EALL	78
ASYNCBPS Input/output valid values	110, 150, 300, 600, 1200, 1800, 2400, 3600, 4800, 9600, 19200										
ASYNCPORT	EYUDA	CPSM	4	No	LIKE	No	3151 asynchronous port (OS/2)			EALL	77
ASYNCPORT Input/output valid values	COM1, COM2, COM3, COM4, COM5, COM6, COM7, COM8										
ATI	EYUDA	CPSM	4	No	LIKE	No	Automatic transaction initialization allowed	NO		EALL	68
ATI Input/output valid values	YES, NO										
ATTACHSEC	EYUDA	CPSM	4	Yes	LIKE	No	Level of attach-time security	LOCAL			11
ATTACHSEC Input/output valid values	LOCAL, IDENTIFY, VERIFY, PERSISTENT, MIXIDPE										
AUTOCONNECT	EYUDA	CPSM	4	No	LIKE	No	Autoconnect to occur for terminal	NO		EALL	69
AUTOCONNECT Input/output valid values	YES, NO, ALL										
AUTOINSMODEL	EYUDA	CPSM	4	Yes	LIKE	No	Model for autoinstall option	NO			12
AUTOINSMODEL Input/output valid values	YES, NO, ONLY										
AUTOINSNAME	CHAR	CPSM	8	No	DIFF	No	Name of autoinstall model definition				13
BINDPASSWORD	HIDCHAR	CPSM	16	No	DIFF	No	Bind password				28
BINDSECURITY	EYUDA	CPSM	4	Yes	LIKE	No	Bind-time security	NO			14
BINDSECURITY Input/output valid values	YES, NO										
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	87

Table 338. TERMDEF 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	89
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	88
CODEPAGE	CHAR	CPSM	8	No	DIFF	No	Code page		1-65534	EALL	76
COLOR	EYUDA	CPSM	4	No	LIKE	No	Extended color feature	NO		EALL	71
COLOR Input/output valid values	YES, NO										
CONSNAME	CHAR	CPSM	8	No	DIFF	No	Console name				16
CONSOLE	CHAR	CPSM	4	No	DIFF	No	Console ID		0-250	E640PLTS	15
CONSOLE Input/output valid values	NO										
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				59
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	91
`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		86
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				63
FULLSCREEN	EYUDA	CPSM	4	No	LIKE	No	Window style (OS/2)			EALL	75
FULLSCREEN Input/output valid values	PMWINDOW, FULLSCREEN										
GCHARCODE	CHAR	CPSM	8	No	DIFF	No	Graphic character set code	0	0-65535	EALL	70
HIGHLITE	EYUDA	CPSM	4	No	LIKE	No	Extended highlight supported	NO		EALL	72
HIGHLITE Input/output valid values	YES, NO										
INSERVICE	EYUDA	CPSM	4	Yes	LIKE	No	Terminal inservice	YES			32
INSERVICE Input/output valid values	YES, NO										
KATAKANA	EYUDA	CPSM	4	No	LIKE	No	Katakana feature supported	NO		EALL	73
KATAKANA Input/output valid values	YES, NO										
MODENAME	CHAR	CPSM	8	No	DIFF	No	Logmode name				17
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
NATLANG	CHAR	CPSM	1	No	DIFF	No	Language for NLS-enabled messages				46

Table 338. TERMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
NETNAME	CHAR	CPSM	8	No	DIFF	No	VTAM network name				18
OPERID	CHAR	CPSM	3	No	DIFF	No	Operator identifier for BMS			E330PL4S	47
OPERPRIORITY	CHAR	CPSM	4	No	DIFF	No	Operator priority	0	0-255	E330PL3S	33
OPERRSL	CHAR	CPSM	50	No	DIFF	No	Operator resource security keys			E330PL4S	44
OPERSEC	CHAR	CPSM	150	No	DIFF	No	Operator transaction security keys			E330PL5S	45
OS2TERMTYP	EYUDA	CPSM	4	No	LIKE	No	Terminal type (OS/2)			EALL	83
OS2TERMTYP Input/output valid values	3270TERM, 3270PRNT, 3151TERM, 3270DBTM, 3270DBPR, SEQTERM										
POOL	CHAR	CPSM	8	No	DIFF	No	Pool name for pipeline terminal				19
PRINCLSMODE	EYUDA	CPSM	4	No	LIKE	No	Printer close mode			EALL	84
PRINCLSMODE Input/output valid values	EOF, EOT										
PRINTEDMSG	EYUDA	CPSM	4	No	LIKE	No	Send messages to printer	NO		EALL	56
PRINTEDMSG Input/output valid values	YES, NO										
PRINTER	CHAR	CPSM	4	No	DIFF	No	Printer name				20
PRINTERCOPY	EYUDA	CPSM	4	Yes	LIKE	No	Hardware copy feature	NO			31
PRINTERCOPY Input/output valid values	YES, NO										
PRINTIMMED	EYUDA	CPSM	4	No	LIKE	No	Send end of report indicator	NO		EALL	57
PRINTIMMED Input/output valid values	YES, NO										
REMOTENAME	CHAR	CPSM	8	No	DIFF	No	Terminal name in the remote system				23
REMOTESYSNET	CHAR	CPSM	8	No	DIFF	No	Remote system network name				22
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	No	Remote system name				21
SCRHIGH	CHAR	CPSM	4	No	DIFF	No	Screen height	24	1-66	EALL	80
SCRWIDTH	CHAR	CPSM	4	No	DIFF	No	Screen width	80	1-132	EALL	81
SECURITYNAME	CHAR	CPSM	8	No	DIFF	No	Security name of the remote system				24
SOLICITED	EYUDA	CPSM	4	No	LIKE	No	Solicited messages	NO		EALL	85
SOLICITED Input/output valid values	NO, YES										
SPOOLDEST	CHAR	CPSM	8	No	DIFF	No	Spool destination			EALL	54

Table 338. TERMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
SPOOLPRTRSL	CHAR	CPSM	8	No	DIFF	No	Spool print resource security level (RSL)	PUBLIC	1-24	EALL	52
SPOOLPRTRSL Input/output valid values	PUBLIC										
SPOOLPRTTO	CHAR	CPSM	4	No	DIFF	No	Spool printer inactive time allowed	0	0-59	EALL	53
SPOOLTO	CHAR	CPSM	8	No	DIFF	No	Default spool printer name			EALL	55
TASKLIMIT	CHAR	CPSM	8	No	DIFF	No	Concurrent task limit for pipeline session		1-32767		29
TASKLIMIT Input/output valid values	NO										
TERMPRIORITY	CHAR	CPSM	4	No	DIFF	No	Terminal priority	0	0-255		30
TRANSACTION	CHAR	CPSM	4	No	DIFF	No	Fixed transaction ID				25
TYPETERM	CHAR	CPSM	8	Yes	DIFF	No	Typeterm definition name				26
UPCASETR	EYUDA	CPSM	4	No	LIKE	No	Upper case translation			EALL	82
UPCASETR Input/output valid values	YES, NO, TRANID										
USEDFLTUSER	EYUDA	CPSM	4	No	LIKE	No	Use default user	N_A			67
USEDFLTUSER Input/output valid values	NO, YES, N_A										
USERAREALEN	CHAR	CPSM	4	No	DIFF	No	Length of the user area for the terminal	0	0-255	EALL	74
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				60
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				61
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				62
USERID	CHAR	CPSM	8	No	DIFF	No	User ID				27
WSSETUP	CHAR	CPSM	8	No	DIFF	No	Workstation setup (OS/2)			EALL	79

TERMNL Resource Table

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

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

The following actions are supported:

ACQUIRE
Acquire a terminal.

CANCEL
  Cancel AID queuing for a terminal.

DISCARD
  Discard a terminal.

FORCEPURGE
  Force transactions associated with a terminal to be purged immediately.

INSERVICE
  Set a terminal in service.

KILL Kill the transactions associated with the terminal.

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

OUTSERVICE
  Set a terminal out of service.

PURGE
  Purge transactions associated with a terminal.

RELEASE
  Release a terminal.

These actions require no unique parameter data.

External resource name
  CICSTerminal

Length
  456

Usage API or CICS Management Client Interface or EVALDEF

API view
  Yes

CMAS context
  No

SCOPE applies
  Yes

Only query CMASs in workload
  No

Object type
  CICS Resource

Copybook identifier
  EYUt0019

Table 339. Valid CPSM operations

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

Table 339. Valid CPSM operations (continued)

CANCEL	None	N/A	
RELEASE	None	N/A	
KILL	None	N/A	

Table 340. TERMNL FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	ACTNOT_SUPPORTED	Action not supported			

Table 341. TERMNL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
ACCESSMETHOD	CVDAS	INQ	4	LIKE	No	Access method		5
ACCESSMETHOD Output valid values	VTAM, BSAM, BTAMES, BGAM, TCAM, TCAMSNA, CONSOLE, NETBIOS, TCPIP, RPC, NOTAPPLIC							
ACQSTATUS	CVDAS	INQ	4	LIKE	Yes	Acquire status		2
ACQSTATUS Input/output valid values	ACQUIRED, RELEASED, NOTAPPLIC							
ACQSTATUS Input valid values	COLDACQ							
ACQSTATUS Output valid values	ACQUIRING, RELEASING							
ALTPAGEHT	BINARY	INQ	2	AVG	No	Alternate page height		48
ALTPAGEWD	BINARY	INQ	2	AVG	No	Alternate page width		49
ALTPRINTER	CHAR	INQ	4	DIFF	Yes	Alternate printer		50
ALTPRTCOPYST	CVDAS	INQ	4	LIKE	Yes	Hardware COPY feature for alternate printer		51
ALTPRTCOPYST Input/output valid values	ALTPRTCOPY, NOALTPRTCOPY							
ALTPRTCOPYST Output valid values	NOTAPPLIC							
ALTSCRNHT	BINARY	INQ	2	AVG	No	Alternate screen height		52
ALTSCRNWD	BINARY	INQ	2	AVG	No	Alternate screen width		53
ALTSUFFIX	CHAR	INQ	1	DIFF	No	Alternate-map-set suffix		92
APLKYBDST	CVDAS	INQ	4	LIKE	No	APL keyboard feature		54
APLKYBDST Output valid values	APLKYBD, NOAPLKYBD							
APLTEXTST	CVDAS	INQ	4	LIKE	No	APL text feature		55
APLTEXTST Output valid values	APLTEXT, NOAPLTEXT							
ASCII	CVDAS	INQ	4	LIKE	No	ASCII data stream type		95
ASCII Output valid values	ASCII7, ASCII8, NOTAPPLIC							
ATISTATUS	CVDAS	INQ	4	LIKE	Yes	Automatic transaction initiation (ATI) status		3
ATISTATUS Input/output valid values	ATI, NOATI							
AUDALARMST	CVDAS	INQ	4	LIKE	No	Audible alarm feature		56

Table 341. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
AUDALARMST Output valid values	AUDALARM, NOAUDALARM							
AUTOCONNECT	CVDAS	INQ	4	LIKE	No	Session binding status		96
AUTOCONNECT Output valid values	AUTOCONN, NONAUTOCONN, ALLCONN, NOTAPPLIC							
BACKTRANSST	CVDAS	INQ	4	LIKE	No	Background transparency feature		57
BACKTRANSST Output valid values	BACKTRANS, NOBACKTRANS							
COLORST	CVDAS	INQ	4	LIKE	No	Extended color feature		58
COLORST Output valid values	COLOR, NOCOLOR							
CONSOLE	CHAR	INQ	12	DIFF	No	Console ID		105
COPYST	CVDAS	INQ	4	LIKE	No	Copy feature in control unit		59
COPYST Output valid values	COPY, NOCOPY							
CORRELID	CHAR	INQ	8	DIFF	No	Correlation ID		102
CREATESESS	CVDAS	INQ	4	LIKE	Yes	Session creation status		4
CREATESESS Input/output valid values	CREATE, NOCREATE							
CREATESESS Output valid values	NOTAPPLIC							
DATASTREAM	CVDAS	INQ	4	LIKE	No	Device data stream type		97
DATASTREAM Output valid values	DS3270, SCS, NOTAPPLIC							
DEFPAGEHT	BINARY	INQ	2	AVG	No	Default page height		60
DEFPAGEWD	BINARY	INQ	2	AVG	No	Default page width		61
DEFSCRNHT	BINARY	INQ	2	AVG	No	Default screen height		62
DEFSCRNWD	BINARY	INQ	2	AVG	No	Default screen width		63
DEVICE	CVDAT	INQ	4	LIKE	No	Device type		7
DEVICE Output valid values	BATCHLU, BIPROG, BISYNCH, CDRDLPRT, CONTNLU, HARDCOPY, INTACTLU, ISCMMCONV, LUCMODGRP, LUCSESS, LUTYPE4, LUTYPE6, MAGTAPE, RESSYS, SDLC, SEQDISK, SYSTEM3, SYSTEM7, SYS7BSCA, TCONSOLE, TELETYPE, TTCAM, TWX3335, T1050, T1053, T2260L, T2260R, T2265, T2740, T2741BCD, T2741COR, T2770, T2780, T3275R, T3277L, T3277R, T3284L, T3284R, T3286L, T3286R, T3600BI, T3601, T3614, T3650ATT, T3735, T3650PIPE, T3650USER, T3653HOST, T3740, T3780, T3790, T3790SCSP, T3790UP, T7770, VIDEOTERM							
DEVICEST	CVDAS	INQ	4	LIKE	No	Device busy status	E330PLUS	98
DEVICEST Output valid values	BUSY, NOTBUSY							
DISCREQST	CVDAS	INQ	4	LIKE	Yes	Disconnect Requests status		64
DISCREQST Input/output valid values	DISCREQ, NODISCREQ, NOTAPPLIC							
DUALCASEST	CVDAS	INQ	4	LIKE	No	Dual-case keyboard status		65
DUALCASEST Output valid values	DUALCASE, NODUALCASE							
EXITTRACING	CVDAS	INQ	4	LIKE	Yes	Exit tracing status		8
EXITTRACING Input/output valid values	EXITTRACE, NOEXITTRACE							

Table 341. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EXITTRACING Output valid values	NOTAPPLIC							
EXTENDEDDSST	CVDAS	INQ	4	LIKE	No	Extended data stream support		66
EXTENDEDDSST Output valid values	EXTENDEDDS, NOEXTENDEDDS							
FMHPARMST	CVDAS	INQ	4	LIKE	No	Function management header (FMH) option		67
FMHPARMST Output valid values	FMHPARM, NOFMHPARM							
FORMFEEDST	CVDAS	INQ	4	LIKE	No	Forms feed feature		68
FORMFEEDST Output valid values	FORMFEED, NOFORMFEED							
GCHARS	BINARY	INQ	2	AVG	No	Graphic character set global ID		9
GCODES	BINARY	INQ	2	AVG	No	Code page global ID		10
HFORMST	CVDAS	INQ	4	LIKE	No	Horizontal form feature		70
HFORMST Output valid values	HFORM, NOHFORM							
HILIGHTST	CVDAS	INQ	4	LIKE	No	Extended highlight feature		69
HILIGHTST Output valid values	HILIGHT, NOHILIGHT							
INPMSGCNT	BINARY	STAT	4	AVG	No	Number of input messages		37
KATAKANAST	CVDAS	INQ	4	LIKE	No	Katakana terminal		71
KATAKANAST Output valid values	KATAKANA, NOKATAKANA							
LIGHTPENST	CVDAS	INQ	4	LIKE	No	Selector pen feature		72
LIGHTPENST Output valid values	LIGHTPEN, NOLIGHTPEN							
LINKSYSTEM	CHAR	INQ	4	DIFF	No	Real link connection for remote TOR		104
MAPNAME	CHAR	INQ	7	DIFF	Yes	Last map referenced in SEND MAP command		100
MAPSETNAME	CHAR	INQ	8	DIFF	Yes	Last map set referenced in SEND MAP command		99
MODENAME	CHAR	INQ	8	DIFF	No	Mode name		11
MSRCONTROLST	CVDAS	INQ	4	LIKE	No	Magnetic slot reader		73
MSRCONTROLST Output valid values	MSRCONTROL, NOMSRCONTROL							
NATLANG	CHAR	INQ	1	AVG	No	National language ID		13
NATURE	CVDAT	INQ	4	LIKE	No	Terminal definition type		12
NATURE Output valid values	TERMINAL, MODEL, SESSION, SURROGATE							
NETNAME	CHAR	INQ	8	DIFF	No	Network name		14
NEXTTRANSID	CHAR	INQ	4	DIFF	Yes	Next transaction ID		31
NQNAME	CHAR	INQ	17	DIFF	No	Network qualified name		106
OBFORMATST	CVDAS	INQ	4	LIKE	Yes	Outboard formatting support		74
OBFORMATST Input/output valid values	OBFORMAT, NOOBFORMAT							

Table 341. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
OBOPERIDST	CVDAS	INQ	4	LIKE	No	Outboard operator IDs used		75
OBOPERIDST Output valid values	OBOPERID, NOOBOPERID							
OPERID	CHAR	INQ	3	DIFF	No	Operator ID		15
OUTLINEST	CVDAS	INQ	4	LIKE	No	Field outlining support		76
OUTLINEST Output valid values	OUTLINE, NOOUTLINE							
OUTMSGCNT	BINARY	STAT	4	AVG	No	Number of output messages		38
PAGEHT	BINARY	INQ	4	AVG	No	Current page height		77
PAGESTATUS	CVDAS	INQ	4	LIKE	Yes	BMS paging status		16
PAGESTATUS Input/output valid values	PAGEABLE, AUTOPAGEABLE							
PAGEWD	BINARY	INQ	4	AVG	No	Current page width		78
PARTITIONSST	CVDAS	INQ	4	LIKE	No	Partitions status		79
PARTITIONSST Output valid values	PARTITIONS, NOPARTITIONS							
PMSGCNT	BINARY	STAT	4	AVG	No	Total pipeline-throwaway count		43
PMSGCONSEC	BINARY	STAT	2	AVG	No	Maximum pipeline-throwaway count		45
PMSGGRPCNT	BINARY	STAT	4	AVG	No	Number of consecutive pipeline-throwaways		44
POLLCNT	DECIMAL	STAT	4	AVG	No	Number of polls sent to terminal		36
PRINTADAPTST	CVDAS	INQ	4	LIKE	No	Printer adaptor feature		80
PRINTADAPTST Output valid values	PRINTADAPT, NOPRINTADAPT							
PRINTER	CHAR	INQ	4	DIFF	Yes	Printer name		81
PROGSYMBOLST	CVDAS	INQ	4	LIKE	No	Programmed symbol facility support		82
PROGSYMBOLST Output valid values	PROGSYMBOL, NOPROGSYMBOL							
PRTCOPYST	CVDAS	INQ	4	LIKE	Yes	Hardware COPY feature for preferred printer		83
PRTCOPYST Input/output valid values	PRTCOPY, NOPRTCOPY							
PRTCOPYST Output valid values	NOTAPPLIC							
QUERYST	CVDAS	INQ	4	LIKE	No	Query option		84
QUERYST Output valid values	ALLQUERY, COLDQUERY, NOQUERY							
RELREQST	CVDAS	INQ	4	LIKE	Yes	Release Request status		85
RELREQST Input/output valid values	RELREQ, NORELREQ, NOTAPPLIC							
REMOTENAME	CHAR	INQ	4	DIFF	No	Name of terminal in remote CICS		34
REMOTESYSNET	CHAR	INQ	8	DIFF	No	Remote TOR net name		103
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system name		35

Table 341. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SCREENHEIGHT	BINARY	INQ	2	AVG	No	Screen height		17
SCREENWIDTH	BINARY	INQ	2	AVG	No	Screen width		18
SECURITY	CVDAS	INQ	4	LIKE	No	Preset security status		6
SECURITY Output valid values	PRESETSEC, NOPRESETSEC							
SERVSTATUS	CVDAS	INQ	4	LIKE	Yes	Service status		19
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE							
SERVSTATUS Output valid values	GOINGOUT							
SESSIONTYPE	CVDAS	INQ	4	LIKE	No	Session type		32
SESSIONTYPE Output valid values	LU61, APPCSINGLE, APPCPARALLEL, NOTAPPLIC							
SIGNONSTATUS	CVDAS	INQ	4	LIKE	No	Sign-on status		20
SIGNONSTATUS Output valid values	SIGNEDON, SIGNEDOFF							
SOSIST	CVDAS	INQ	4	LIKE	No	Mixed EBCDIC/DBCS support		86
SOSIST Output valid values	SOSI, NOSOSI							
STGVCNT	BINARY	STAT	4	AVG	No	Number of storage violations		40
STORAGE	BINARY	STAT	4	AVG	No	Terminal input-output area (TIOA) storage		94
TASKID	BINARY	INQ	4	AVG	No	Id of task currently executing at terminal		21
TCAMCONTROL	HEX	INQ	1	LIKE	Yes	TCAM message control flag		47
`TERMID-1`	CHAR	INQ	4	DIFF	Yes	Terminal ID		1
TERMMODEL	CNUMERIC	INQ	2	AVG	No	Terminal model number		27
TERMPRIORITY	BINARY	INQ	4	AVG	Yes	Terminal priority		22
TERMTYPE	BINARY	STAT	1	AVG	No	Terminal type		46
TERRCNT	BINARY	STAT	4	AVG	No	Number of transaction errors		42
TEXTKYBDST	CVDAS	INQ	4	LIKE	No	Text-keyboard feature		87
TEXTKYBDST Output valid values	TEXTKYBD, NOTEXTKYBD							
TEXTPRINTST	CVDAS	INQ	4	LIKE	No	Text-print feature		88
TEXTPRINTST Output valid values	TEXTPRINT, NOTEXTPRINT							
TRACING	CVDAS	INQ	4	LIKE	Yes	Terminal tracing type		23
TRACING Input/output valid values	SPECTRACE, STANTRACE							
TRANCNT	BINARY	STAT	4	AVG	No	Number of transactions		39
TRANSACTION	CHAR	INQ	4	DIFF	No	Current transaction name		24
TTISTATUS	CVDAS	INQ	4	LIKE	Yes	Terminal transaction initiation (TTI) status		25
TTISTATUS Input/output valid values	TTI, NOTTI							

Table 341. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
UCTRANST	CVDAS	INQ	4	LIKE	Yes	Uppercase translate option support		89
UCTRANST Input/output valid values	UCTRAN, NOUCTRAN, TRANIDONLY							
USERAREA	ADDRESS	INQ	4	AVG	No	Terminal user area (TCTUA) address		26
USERAREALEN	BINARY	INQ	2	AVG	No	Terminal user area (TCTUA) length		28
USERID	CHAR	INQ	8	DIFF	No	User ID		29
USERNAME	CHAR	INQ	20	DIFF	No	User name		33
VALIDATIONST	CVDAS	INQ	4	LIKE	No	Extended validation feature		90
VALIDATIONST Output valid values	VALIDATION, NOVALIDATION							
VFORMST	CVDAS	INQ	4	LIKE	No	Vertical form feature		91
VFORMST Output valid values	VFORM, NOVFORM							
XERRCNT	BINARY	STAT	4	AVG	No	Number of transmission errors or disconnects		41
ZCPTRACING	CVDAS	INQ	4	LIKE	Yes	ZCP tracing status		30
ZCPTRACING Input/output valid values	ZCPTRACE, NOZCPTRACE							
ZCPTRACING Output valid values	NOTAPPLIC							

TRANCLAS Resource Table

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

The TRANCLAS resource class can be used to request object instances that were identified as TCLASS objects in versions of CICS before 4.1.

The following action is supported:

DISCARD
    Discard a transaction class.

This action requires no unique parameter data.

External resource name
    CICSTransactionClass

Length
    176

Usage API or CICS Management Client Interface or EVALDEF

API view
    Yes

CMAS context
    No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0051

Table 342. Valid CPSM operations

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

Table 343. TRANCLAS FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid			

Table 344. TRANCLAS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
ACCEPTAFTRQD	BINARY	STAT	4	AVG	No	Number of transactions accepted after being queued			10
ACCEPTIMMED	BINARY	STAT	4	AVG	No	Number of transactions accepted immediately			9
ACTIVE	BINARY	INQ	4	AVG	No	Number of transactions currently active in class			3
ACTIVEPEAK	BINARY	STAT	4	AVG	No	Peak number of active transactions			13
ATTACHES	BINARY	STAT	4	AVG	No	Total number of attach requests			6
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	28
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	20
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	21
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	23
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	19
CURQUEDTIME	INTTSTP	STAT	8	MAX	No	Total time transactions currently queued			18

Table 344. TRANCLAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	24
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	25
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	22
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST								
INSTALLDEFS	BINARY	STAT	4	AVG	No	Number of transaction definitions installed			12
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	27
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	26
MAXACTIVE	BINARY	INQ	4	AVG	Yes	Maximum number of transactions allowed in class			2
`NAME-1`	CHAR	INQ	8	DIFF	Yes	Transaction class name			1
PURGEIMMED	BINARY	STAT	4	AVG	No	Number of transactions purged due to threshold			7
PURGETHRESH	BINARY	INQ	4	AVG	Yes	Purge threshold			5
PURGEWHILEQD	BINARY	STAT	4	AVG	No	Number of transactions purged while queued			11
PURGTHRTIMES	BINARY	STAT	4	AVG	No	Number of times purge threshold met			16
QUEUED	BINARY	INQ	4	AVG	No	Number of transactions currently queued			4
QUEUEDPEAK	BINARY	STAT	4	AVG	No	Peak number of queued transactions			14
QUEUETIME	INTTSTP	STAT	8	MAX	No	Total time transactions queued			17
TIMESATMAX	BINARY	STAT	4	AVG	No	Times maximum active transactions reached			15
TOTQUEDCNT	BINARY	STAT	4	AVG	No	Total number of transactions queued			8

TRANDEF Resource Table

A CICS Definition that describes how a transaction is to run.

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

The following actions are supported:

INSTALL

Install a Transaction Definition.

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

External resource name
CICSDefinitionTransaction

Length
576

Usage API or Batch Utility or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICS Definition

Copybook identifier
EYUt3813

Table 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(DYNAM|STAT)	No
		NOTIFY(NO|INACTIVE|RELEASE|FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET|RELATED|BOTH|NONE)	No
		RELATED(value)	No
		STATECHK(YES|NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL|REMOTE)	Yes
	ADDTOGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR|DUPNOREPLACE|DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 346. TRANDEF FEEDBACK error codes

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

Table 346. TRANDEF 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 overtype	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string terminator
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_RELSYS	More than one related system
53	MISSING_RELSYSID	Missing related system identifier	54	SCOPE_CONFLICT	Scope conflict
55	INV_CSDGROUP	Invalid CSD group	56	REC_NOT_REMOVED	Record not removed
57	INV_RESOURCE	Invalid resource	58	INV_CICS_RESTYPE	Invalid CICS restype
59	PARTIAL_ACTION	Partial action	60	NOTHING_ACTIONED	Nothing actioned
61	INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive	62	INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	CSD_ERROR	CSD access error			

Table 347. TRANDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ALIAS	CHAR	CPSM	4	No	DIFF	No	Alias name for transaction				9
BREXIT	CHAR	CPSM	8	No	DIFF	No	Bridge exit name				61
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	66
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	68

Table 347. TRANDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	67
CMDSEC	EYUDA	CPSM	4	Yes	LIKE	No	Command level security option	NO			16
CMDSEC Input/output valid values	YES, NO										
CONFDATA	EYUDA	CPSM	4	No	LIKE	No	Suppress user data in trace entries	NO			55
CONFDATA Input/output valid values	YES, NO										
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				56
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	70
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		65
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				60
DTIMOUT	CHAR	CPSM	4	No	DIFF	No	Deadlock timeout value	NO	1-6800		41
DTIMOUT Input/output valid values	NO										
DUMP	EYUDA	CPSM	4	Yes	LIKE	No	Transaction dump option	YES			37
DUMP Input/output valid values	YES, NO										
DYNAMIC	EYUDA	CPSM	4	Yes	LIKE	No	Dynamic routing option	NO			38
DYNAMIC Input/output valid values	YES, NO										
EXTSEC	EYUDA	CPSM	4	No	LIKE	No	External security manager option	N_A		E330PL10S	
EXTSEC Input/output valid values	YES, NO, N_A										
FAILACTION	CVDAS	CPSM	4	No	LIKE	No	CICS failure action	BACKOUT			14
FAILACTION Input/output valid values	BACKOUT, COMMIT										
INDOUBT	CVDAS	CPSM	4	No	LIKE	No	In-doubt failure processing action	BACKOUT		E510PL15S	
INDOUBT Input/output valid values	BACKOUT, COMMIT, WAIT										
ISOLATE	EYUDA	CPSM	4	Yes	LIKE	No	Transaction isolation option	YES			36

Table 347. TRANDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ISOLATE Input/output valid values	YES, NO										
LOCALQ	EYUDA	CPSM	4	No	LIKE	No	Queueing on local system	N_A			22
LOCALQ Input/output valid values	YES, NO, N_A										
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
OTSTIMEOUT	CHAR	CPSM	6	Yes	DIFF	No	Object transaction service (OTS) timeout (HHMMSS)	NO			64
PARTITIONSET	CHAR	CPSM	8	No	DIFF	No	Default application partition set				34
PRIMEDSIZE	CHAR	CPSM	8	No	DIFF	No	Primed storage allocation	0	0-65520	E330PL4S	49
PRIORITY	CHAR	CPSM	4	No	DIFF	No	Transaction priority	1	0-255		39
PROFILE	CHAR	CPSM	8	No	DIFF	No	Transaction profile	DFHCICST			13
PROGRAM	CHAR	CPSM	8	No	DIFF	No	First program name				10
REMOTENAME	CHAR	CPSM	8	No	DIFF	No	Remote transaction name				11
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	No	Remote system name				12
RESSEC	EYUDA	CPSM	4	Yes	LIKE	No	Resource security checking	NO			23
RESSEC Input/output valid values	YES, NO										
RESTART	EYUDA	CPSM	4	Yes	LIKE	No	Transaction restart facility	NO			25
RESTART Input/output valid values	YES, NO										
ROUTABLE	EYUDA	CPSM	4	Yes	LIKE	No	Dynamic routing status	NO			63
ROUTABLE Input/output valid values	YES, NO										
RSL	CHAR	CPSM	8	No	DIFF	No	Resource security value	0	0-24	E330PL4S	54
RSL Input/output valid values	PUBLIC										
RSLC	EYUDA	CPSM	4	No	LIKE	No	Resource security level check	NO			E330PL3S	53
RSLC Input/output valid values	YES, NO										
RUNAWAY	CHAR	CPSM	8	No	DIFF	No	Runaway timeout value	SYSTEM	0-2700000		40

Table 347. TRANDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
RUNAWAY Input/output valid values	SYSTEM										
SECURE	EYUDA	CPSM	4	No	LIKE	No	Operator sign-on required	YES		EALL	51
SECURE Input/output valid values	YES, NO										
SHUTDOWN	CVDAS	CPSM	4	Yes	LIKE	No	Shutdown run status	DISABLED			17
SHUTDOWN Input/output valid values	ENABLED, DISABLED										
SPURGE	EYUDA	CPSM	4	Yes	LIKE	No	System purgeable option	NO			26
SPURGE Input/output valid values	YES, NO										
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Enabled status	ENABLED			18
STATUS Input/output valid values	ENABLED, DISABLED										
STORAGECLEAR	EYUDA	CPSM	4	Yes	LIKE	No	Storage clearance status	NO			24
STORAGECLEAR Input/output valid values	YES, NO										
TASKDATAKEY	CVDAS	CPSM	4	Yes	LIKE	No	Task data key	USER			19
TASKDATAKEY Input/output valid values	USER, CICS										
TASKDATALOC	CVDAS	CPSM	4	Yes	LIKE	No	Task data location	BELOW			20
TASKDATALOC Input/output valid values	BELOW, ANY										
TASKREQ	CHAR	CPSM	4	No	LIKE	No	Transaction initiation				21
TCLASS	CHAR	CPSM	4	No	DIFF	No	Transaction class number	NO	1-10	E410PL	32S
TCLASS Input/output valid values	NO										
TPNAME	CHAR	CPSM	64	No	DIFF	No	APPC partner transaction name				46
TPURGE	EYUDA	CPSM	4	Yes	LIKE	No	Purgeable for terminal error option	NO			27
TPURGE Input/output valid values	YES, NO										
TRACE	EYUDA	CPSM	4	Yes	LIKE	No	Trace transaction activity option	YES			29

Table 347. TRANDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
TRACE Input/output valid values	YES, NO										
TRANCLASS	CHAR	CPSM	8	No	DIFF	No	Transaction class name	DFHTCL00			31
TRANSEC	CHAR	CPSM	4	No	DIFF	No	Transaction security value	1	1-64	E330PI8S	48
TRPROF	CHAR	CPSM	8	No	DIFF	No	Transaction routing profile	DFHCICSS			30
TWASIZE	CHAR	CPSM	8	No	DIFF	No	Size in bytes of transaction work area (TWA)	0	0-32767		33
USEALTSCRSIZ	EYUDA	CPSM	4	No	LIKE	No	Use alternate screen size	NO		EALL	52
USEALTSCRSIZ Input/output valid values	YES, NO										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				57
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				58
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				59
WAIT	EYUDA	CPSM	4	Yes	LIKE	No	In-doubt wait option	YES			28
WAIT Input/output valid values	YES, NO										
WAITTIMEDD	CHAR	CPSM	3	No	DIFF	No	In-doubt wait time (days)	0	0-93		42
WAITTIMEHH	CHAR	CPSM	2	No	DIFF	No	In-doubt wait time (hours)	0	0-23		43
WAITTIMEMM	CHAR	CPSM	2	No	DIFF	No	In-doubt wait time (minutes)	0	0-59		44
XTPNAME	CHAR	CPSM	128	No	DIFF	No	Alternate partner transaction name (in hex)				47
XTRANID	CHAR	CPSM	8	No	DIFF	No	Alternate name (in hex) for initiating transaction				35

TRANDUMP Resource Table

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

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

The following actions are supported:

ADD   Add a transaction dump code.

The parameter data for the ADD action is:
```
PARM('CODE(code) [SCOPE(cvda1)] [MAX(nnn)]
      [SHUT(cvda2)] [SDUMP(cvda3)] [TDUMP(cvda4)].')
```

where:

- *code* is required and must be the 1- to 8-character transaction dump code.
- *cvda1* is one of the following valid CVDA values for the dump scope option:
    LOCAL
    RELATED
- *nnn* is the maximum number of dumps, from 0 - 999.
- *cvda2* is one of the following valid CVDA values for the shutdown option:
    SHUTDOWN
    NOSHUTDOWN
- *cvda3* is one of the following valid CVDA values for the system dump option:
    SYSDUMP
    NOSYSDUMP
- *cvda4* is one of the following valid CVDA values for the transaction dump option:
    TRANDUMP
    NOTRANDUMP

DELETE
Remove a transaction dump code.

RESET
Reset transaction dump code values.

External resource name
CICSTransactionDump

Length
64

Usage API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0005

Table 348. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADD	CODE(value)	Yes
		MAX(value)	Yes
		SCOPE(LOCAL | RELATED)	No
		SDUMP(SYSDUMP | NOSYSDUMP)	No
		SHUT(SHUTDOWN | NOSHUTDOWN)	No
		TDUMP(TRANDUMP | NOTRANDUMP)	No

Table 348. Valid CPSM operations (continued)

RESET	None	N/A	
DELETE	None	N/A	

Table 349. TRANDUMP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	ADD_FAILED	Add failed			

Table 350. TRANDUMP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CURRENT	BINARY	INQ	4	AVG	No	Number of dump calls since last reset	2
MAXIMUM	BINARY	INQ	4	AVG	Yes	Maximum number of dump calls	3
SDMPSUPP	BINARY	STAT	4	AVG	No	Number of system dumps suppressed	10
SDMPTOTL	BINARY	STAT	4	AVG	No	Number of system dumps taken	9
SHUTOPTION	CVDAS	INQ	4	LIKE	Yes	Shutdown option	4
SHUTOPTION Input/output valid values	SHUTDOWN, NOSHUTDOWN						
SYSDUMPING	CVDAS	INQ	4	LIKE	Yes	System dump option	5
SYSDUMPING Input/output valid values	SYSDUMP, NOSYSDUMP						
TDMPSUPP	BINARY	STAT	4	AVG	No	Number of transaction dumps suppressed	8
TDMPTOTL	BINARY	STAT	4	AVG	No	Number of transaction dumps taken	7
TDUMPSCOPE	CVDAS	INQ	4	LIKE	Yes	Transaction dump scope type	11
TDUMPSCOPE Input/output valid values	LOCAL, RELATED						
`TRANDUMPCODE-1`	CHAR	INQ	4	DIFF	Yes	Transaction dump code	1
TRANDUMPING	CVDAS	INQ	4	LIKE	Yes	Transaction dump option	6
TRANDUMPING Input/output valid values	TRANDUMP, NOTRANDUMP						

TRANGRP Resource Table

A CPSM Workload Manager Definition that describes the separation and or affinity controls for a set of dynamic transactions. The TRANGRP object is also the binding target for the DTRINGRP associator object.

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

External resource name
      CICSTransactionGroup

Length
      144

Usage   API or Batch Utility or CICS Management Client Interface

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICSPlex SM Definition

Copybook identifier
> EYUt3509

Table 351. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDTRAN	PCONV(N_A|START|END)	No
		TRANID(value)	Yes

Table 352. TRANGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Trangrp does not exist	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	21	ABEND_COMBINATION	Abend load must be less than abend probability

Table 353. TRANGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ABENDCRIT	BINARY	CPSM	1	Yes	AVG	No	Acceptable level of abend probability	0	2-99	12
ABENDTHRESH	BINARY	CPSM	1	Yes	AVG	No	Acceptable abend load threshold	0	1-98	13
ABENDTHRESH Input/output valid values	0									
AFFAUTO	EYUDA	CPSM	4	No	LIKE	No	Automatic affinity creation	N_A		15
AFFAUTO Input/output valid values	YES, NO, N_A									
AFFINITY	EYUDA	CPSM	4	No	LIKE	No	Affinity relationship			6
AFFINITY Input/output valid values	N_A, GLOBAL, LUNAME, USERID, BAPPL, LOCKED									

Table 353. TRANGRP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
AFFLIFE	EYUDA	CPSM	4	No	LIKE	No	Affinity lifetime			7
AFFLIFE Input/output valid values	N_A, LOGON, PCONV, PERMANENT, SIGNON, SYSTEM, DELIMIT, ACTIVITY, PROCESS, UOW									
ALGTYPE	EYUDA	CPSM	4	No	LIKE	No	Algorithm type	INHERIT		22
ALGTYPE Input/output valid values	INHERIT, QUEUE, LNQUEUE, GOAL, LNGOAL									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			17
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			19
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			18
DESC	CHAR	CPSM	58	No	DIFF	No	Description			10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	16
EVENTNAME	CHAR	CPSM	8	No	DIFF	No	RTA event			11
MATCH	EYUDA	CPSM	4	Yes	LIKE	No	Primary search criterion			8
MATCH Input/output valid values	LUNAME, USERID									
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name			5
STATE	EYUDA	CPSM	4	Yes	LIKE	No	Transaction group status			9
STATE Input/output valid values	ACTIVE, DORMANT									

TRMINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
> 56

Usage API or Batch Utility 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
EYUt6157

Table 354. Valid CPSM operations

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

Table 355. TRMINGRP FEEDBACK error codes

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

Table 356. TRMINGRP 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
`TERMGROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
`TERMNAME-2`	CHAR	CPSM	8	Yes	DIFF	Yes	Terminal definition name	6
`TERMVER-3`	BINARY	CPSM	1	Yes	AVG	Yes	Terminal definition version	7

TRNCLDEF Resource Table

A CICS Definition that describes the operational characteristics for transactions belonging to a given class.

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

The following actions are supported:

INSTALL

Install a Transaction Class Definition.

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

External resource name

CICSDefinitionTransactionClass

Length

152

Usage   API or Batch Utility or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3814

Table 357. 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

Table 357. Valid CPSM operations (continued)

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

Table 358. TRNCLDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	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
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 359. TRNCLDEF 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	16
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	18
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	17
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				10
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	20
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		15
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				14
MAXACTIVE	CHAR	CPSM	4	Yes	DIFF	No	Maximum number of active transactions allowed in class	0	0-999		8
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
PURGETHRESH	CHAR	CPSM	8	No	DIFF	No	Purge threshold	NO	1-1000000		9
PURGETHRESH Input/output valid values	NO										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				11
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				12
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				13

TRNINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
>   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
EYUt6158

Table 360. Valid CPSM operations

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

Table 361. TRNINGRP FEEDBACK error codes

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

Table 362. TRNINGRP 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
`TRANGROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
`TRANNAME-2`	CHAR	CPSM	8	Yes	DIFF	Yes	Transaction definition name	6
`TRANVER-3`	BINARY	CPSM	1	Yes	AVG	Yes	Transaction definition version	7

TSKSPOLS Resource Table

A CICS Resource that describes all the CICS task storage subpools in an active system being managed by CICSPlex SM.

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

There are no object specific actions for this resource class.

External resource name
> CICSAllTaskSubpools

Length
> 256

Usage API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Resource

Copybook identifier
> EYUt0147

Table 363. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 364. TSKSPOLS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
DSAELEMPCTC	PERCENT3	CPSM	4	AVG	CDSA percentage of DSA used by elements	39
DSAELEMPCTEC	PERCENT3	CPSM	4	AVG	ECDSA percentage of DSA used by elements	42
DSAELEMPCTEU	PERCENT3	CPSM	4	AVG	EUDSA percentage of DSA used by elements	52
DSAELEMPCTU	PERCENT3	CPSM	4	AVG	UDSA percentage of DSA used by elements	49
DSAPAGPPCTC	PERCENT3	CPSM	4	AVG	CDSA peak percentage of page pool use	41
DSAPAGPPCTEC	PERCENT3	CPSM	4	AVG	ECDSA peak percentage of page pool use	46
DSAPAGPPCTEU	PERCENT3	CPSM	4	AVG	EUDSA peak percentage of page pool use	56
DSAPAGPPCTU	PERCENT3	CPSM	4	AVG	UDSA peak percentage of page pool use	51
FREEMAINRTC	RATE3	CPSM	8	AVG	CDSA FREEMAIN rate since last reset	38

Table 364. TSKSPOLS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
FREEMAINRTEC	RATE3	CPSM	8	AVG	ECDSA FREEMAIN rate since last reset	44
FREEMAINRTEU	RATE3	CPSM	8	AVG	EUDSA FREEMAIN rate since last reset	54
FREEMAINRTU	RATE3	CPSM	8	AVG	UDSA FREEMAIN rate since last reset	48
GETMAINRTC	RATE3	CPSM	8	AVG	CDSA GETMAIN rate since last reset	37
GETMAINRTEC	RATE3	CPSM	8	AVG	ECDSA GETMAIN rate since last reset	43
GETMAINRTEU	RATE3	CPSM	8	AVG	EUDSA GETMAIN rate since last reset	53
GETMAINRTU	RATE3	CPSM	8	AVG	UDSA GETMAIN rate since last reset	47
PAGEPLPCTC	PERCENT3	CPSM	4	AVG	CDSA current percentage of page pool use	40
PAGEPLPCTEC	PERCENT3	CPSM	4	AVG	ECDSA current percentage of page pool use	45
PAGEPLPCTEU	PERCENT3	CPSM	4	AVG	EUDSA current percentage of page pool use	55
PAGEPLPCTU	PERCENT3	CPSM	4	AVG	UCDSA current percentage of page pool use	50
SMTACCESSC	EYUDA	STAT	4	LIKE	CDSA subpool access type	6
SMTACCESSC Output valid values	CICS, USER					
SMTACCESSEC	EYUDA	STAT	4	LIKE	ECDSA subpool access type	14
SMTACCESSEC Output valid values	CICS, USER					
SMTACCESSEU	EYUDA	STAT	4	LIKE	EUDSA subpool access type	30
SMTACCESSEU Output valid values	CICS, USER					
SMTACCESSU	EYUDA	STAT	4	LIKE	UDSA subpool access type	22
SMTACCESSU Output valid values	CICS, USER					
SMTCESCDSA	BINARY	STAT	4	AVG	CDSA sum of all element lengths	9
SMTCESECDSA	BINARY	STAT	4	AVG	ECDSA sum of all element lengths	17
SMTCESEUDSA	BINARY	STAT	4	AVG	EUDSA sum of all element lengths	33
SMTCESUDSA	BINARY	STAT	4	AVG	UDSA sum of all element lengths	25
SMTCNECDSA	BINARY	STAT	4	AVG	CDSA current number of elements	11
SMTCNEECDSA	BINARY	STAT	4	AVG	ECDSA current number of elements	19
SMTCNEEUDSA	BINARY	STAT	4	AVG	EUDSA current number of elements	35
SMTCNEUDSA	BINARY	STAT	4	AVG	UDSA current number of elements	27
SMTCPSCDSA	BINARY	STAT	4	AVG	CDSA current page storage	10
SMTCPSECDSA	BINARY	STAT	4	AVG	ECDSA current page storage	18

Table 364. TSKSPOLS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
SMTCPSEUDSA	BINARY	STAT	4	AVG	EUDSA current page storage	34
SMTCPSUDSA	BINARY	STAT	4	AVG	UDSA current page storage	26
SMTFMREQCDSA	BINARY	STAT	4	AVG	CDSA number of FREEMAIN requests	8
SMTFMREQEC	BINARY	STAT	4	AVG	ECDSA number of FREEMAIN requests	16
SMTFMREQEU	BINARY	STAT	4	AVG	EUDSA number of FREEMAIN requests	32
SMTFMREQUDSA	BINARY	STAT	4	AVG	UDSA number of FREEMAIN requests	24
SMTGMREQCDSA	BINARY	STAT	4	AVG	CDSA number of GETMAIN requests	7
SMTGMREQEC	BINARY	STAT	4	AVG	ECDSA number of GETMAIN requests	15
SMTGMREQEU	BINARY	STAT	4	AVG	EUDSA number of GETMAIN requests	31
SMTGMREQUDSA	BINARY	STAT	4	AVG	UDSA number of GETMAIN requests	23
SMTHWMPSCDSA	BINARY	STAT	4	AVG	CDSA peak page storage	12
SMTHWMPSEC	BINARY	STAT	4	AVG	ECDSA peak page storage	20
SMTHWMPSEU	BINARY	STAT	4	AVG	EUDSA peak page storage	36
SMTHWMPSUDSA	BINARY	STAT	4	AVG	UDSA peak page storage	28
SMTLOCNCDSA	EYUDA	STAT	4	LIKE	CDSA location above/below 16MB line	5
SMTLOCNCDSA Output valid values	ABOVE, BELOW					
SMTLOCNECDSA	EYUDA	STAT	4	LIKE	ECDSA location above/below 16MB line	13
SMTLOCNECDSA Output valid values	ABOVE, BELOW					
SMTLOCNEUDSA	EYUDA	STAT	4	LIKE	EUDSA location above/below 16MB line	29
SMTLOCNEUDSA Output valid values	ABOVE, BELOW					
SMTLOCNUDSA	EYUDA	STAT	4	LIKE	UDSA location above/below 16MB line	21
SMTLOCNUDSA Output valid values	ABOVE, BELOW					

TSKSPOOL Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
CICSTaskSubpool

Length
88

Usage API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Resource

Copybook identifier
> EYUt0119

Table 365. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 366. TSKSPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
DSAELEMPCT	PERCENT3	CPSM	4	AVG	No	Percentage of DSA used by elements	17
DSAPAGPPCT	PERCENT3	CPSM	4	AVG	No	Peak percentage of DSA page use	19
FREEMAINRTE	RATE3	CPSM	8	AVG	No	FREEMAIN rate since last reset	16
GETMAINRTE	RATE3	CPSM	8	AVG	No	GETMAIN rate since last reset	15
PAGEPAGEPCT	PERCENT3	CPSM	4	AVG	No	Percentage of page pools used	18
SMTACCESS	EYUDA	STAT	4	LIKE	No	Subpool access type	7
SMTACCESS Output valid values	CICS, USER						
SMTCES	BINARY	STAT	4	AVG	No	Sum of all element lengths	10
SMTCNE	BINARY	STAT	4	AVG	No	Current number of elements	12
SMTCPS	BINARY	STAT	4	AVG	No	Current page storage	11
`SMTDSANAME-1`	CHAR	STAT	8	DIFF	Yes	Name of dynamic storage area (DSA)	5
SMTFMREQ	BINARY	STAT	4	AVG	No	Number of FREEMAIN requests	9
SMTGMREQ	BINARY	STAT	4	AVG	No	Number of GETMAIN requests	8
SMTHWMPS	BINARY	STAT	4	AVG	No	Peak page storage	13
SMTLOCN	EYUDA	STAT	4	LIKE	No	Location of task subpool above/below 16MB	6
SMTLOCN Output valid values	ABOVE, BELOW						

TSMDEF Resource Table

A CICS Definition that describes a temporary storage model.

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

The following actions are supported:

INSTALL

Install a Temporary Storage Model Definition.

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

External resource name

CICSDefinitionTSModel

Length

272

Usage API or Batch Utility or CICS Management Client Interface

API view

No

CMAS context

No

SCOPE applies

No

Only query CMASs in workload

No

Object type

CICS Definition

Copybook identifier

EYUt3821

Table 367. 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 367. Valid CPSM operations (continued)

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

Table 368. TSMDEF FEEDBACK error codes

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

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	24
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	26
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	25
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				16
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	28
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		23
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				20
EXPIRYINT	CHAR	CPSM	8	Yes	DIFF	No	TS Queue expiry interval (hours)	0	0-15000	E640 E650 E660	30
LOCATION	CVDAS	CPSM	4	Yes	LIKE	No	Queue location	AUXILIARY			10
LOCATION Input/output valid values	MAIN, AUXILIARY										
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
POOLNAME	CHAR	CPSM	8	No	DIFF	No	Shared TS pool name				13
PREFIX	CHAR	CPSM	16	Yes	DIFF	No	TS queue prefix				9
RECOVERY	EYUDA	CPSM	4	Yes	LIKE	No	Recovery option	NO			11
RECOVERY Input/output valid values	YES, NO										
REMOTEPREFIX	CHAR	CPSM	16	No	DIFF	No	Remote TS queue prefix				15
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	No	Remote system ID				14
SECURITY	EYUDA	CPSM	4	Yes	LIKE	No	Security option	NO			12
SECURITY Input/output valid values	YES, NO										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				17
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				18
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				19
XPREFIX	CHAR	CPSM	32	No	DIFF	No	Hexadecimal TS queue prefix				21
XREMOTEPFX	CHAR	CPSM	32	No	DIFF	No	Hexadecimal remote TS queue prefix				22

TSMINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
> 56

Usage   API or Batch Utility 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
> EYUt6166

Table 370. Valid CPSM operations

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

Table 371. TSMINGRP FEEDBACK error codes

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

Table 372. TSMINGRP 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 372. TSMINGRP 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
`TSMGROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
`TSMNAME-2`	CHAR	CPSM	8	Yes	DIFF	Yes	TS model definition name	6
`TSMVER-3`	BINARY	CPSM	1	Yes	AVG	Yes	TS model definition version	7

TSMODEL Resource Table

A CICS Resource that describes a temporary storage model in an active CICS system being managed by CICSPlex SM.

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

The following actions are supported:

DISCARD
> Discard a temporary storage model.

The DISCARD action requires no unique parameter data.

External resource name
> CICSTSModel

Length
> 152

Usage   API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Resource

Copybook identifier
> EYUt0092

Table 373. Valid CPSM operations

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

Table 374. TSMODEL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	20
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	11
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	13
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	14
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	12
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	15
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	16
EXPIRYINT	BINARY	CPSM	4	AVG	Yes	TS Queue expiry interval (hours)	0	E640 E650 E660	22
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	19
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	18
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	17
LOCATION	CVDAS	INQ	4	LIKE	No	Queue location	AUXILIARY		3
LOCATION Output valid values	AUXILIARY, MAIN								
`NAME-1`	CHAR	INQ	8	DIFF	Yes	TS model name			1
POOLNAME	CHAR	INQ	8	DIFF	No	Shared TS pool name			6
PREFIX	CHAR	INQ	16	DIFF	No	TS queue prefix			2
RECOVSTATUS	CVDAS	INQ	4	LIKE	No	Recovery status	NO		4
RECOVSTATUS Output valid values	RECOVERABLE, NOTRECOVABLE								
REMOTEPREFIX	CHAR	INQ	16	DIFF	No	Remote TS queue prefix			8
REMOTESYSTEM	CHAR	INQ	4	DIFF	No	Remote system ID			7
SECURITYST	CVDAS	INQ	4	LIKE	No	Security status	NO		5
SECURITYST Output valid values	EXTSECURITY, NOSECURITY								

TSPOOL Resource Table

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

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

There are no object specific actions for this resource class.

External resource name
> CICSTSPool

Length
> 32

Usage API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
> No

Object type
> CICS Resource

Copybook identifier
> EYUt0094

Table 375. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 376. TSPOOL resource table attributes

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

TSQGBL Resource Table

A CICS Resource that describes the general characteristics of temporary storage usage in an active CICS system being managed byCICSPlex SM .

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

There are no object specific actions for this resource class.

External resource name
CICSGlobalTSQueueStatistics

Length
216

Usage API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0030

Table 377. Valid CPSM operations

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

Table 378. TSQGBL 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		
AUXFULL	BINARY	STAT	4	AVG	No	Number of times auxiliary storage exhausted		15
BUFFERS	BINARY	STAT	2	AVG	No	Number of temporary storage buffers		16
BUFFWAITS	BINARY	STAT	4	AVG	No	Total number of buffer waits		18
BUFREADS	BINARY	STAT	4	AVG	No	Number of buffer reads		22
BUFWRITES	BINARY	STAT	4	AVG	No	Number of buffer writes		20
BYTESPERCI	BINARY	STAT	4	AVG	No	Number of bytes available in control interval		34
BYTESPERSEG	BINARY	STAT	4	AVG	No	Number of bytes per segment		36
CINUM	BINARY	STAT	4	AVG	No	Number of control intervals available		13
CISINUSE	BINARY	STAT	4	AVG	No	Number of control intervals in use		31
CISIZE	BINARY	STAT	4	AVG	No	Control interval size		11
COMPRESSIONS	BINARY	STAT	4	AVG	No	Number of temporary storage compressions		30

Table 378. TSQGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
CURRSTG	BINARY	STAT	8	AVG	No	Current storage in use (bytes)		4
CURRUWBFR	BINARY	STAT	4	AVG	No	Number of current users waiting on buffers		27
CURRUWSTR	BINARY	STAT	4	AVG	No	Number of current users waiting on strings		26
ENTLGQUE	BINARY	STAT	4	AVG	No	Number of entries in longest queue		8
EXTTHRESHOLD	BINARY	STAT	2	AVG	No	Queue extension threshold	E510PLUS	37
FMTWRT	BINARY	STAT	4	AVG	No	Number of format writes		23
GETQAUX	BINARY	STAT	4	AVG	No	Number of records obtained from auxiliary TS		6
GETQMAIN	BINARY	STAT	4	AVG	No	Number of records obtained from main TS		2
IOERRS	BINARY	STAT	4	AVG	No	Number of I/O errors on data set		28
LONGAUXREC	BINARY	STAT	4	AVG	No	Longest auxiliary record length		33
NAMESINUSE	BINARY	STAT	4	AVG	No	Number of temporary storage names in use		32
PEAKCIUSE	BINARY	STAT	4	AVG	No	Peak number of control intervals used		14
PEAKQUES	BINARY	STAT	4	AVG	No	Peak number of queue names in use		7
PEAKSTG	BINARY	STAT	8	AVG	No	Peak storage in use (bytes)		3
PEAKUSDSTR	BINARY	STAT	4	AVG	No	Peak number of strings in use		24
PEAKUWBUF	BINARY	STAT	4	AVG	No	Peak number of users waiting on buffers		19
PEAKUWSTR	BINARY	STAT	4	AVG	No	Peak number of users waiting on strings		25
PUTQAUX	BINARY	STAT	4	AVG	No	Number of records written to auxiliary TS		5
PUTQMAIN	BINARY	STAT	4	AVG	No	Number of records written to main TS		1
QUECRECNT	BINARY	STAT	4	AVG	No	Number of times queues created		9
QUEXTENDS	BINARY	STAT	4	AVG	No	Number of times queue extensions created	E510PLUS	30
SEGSPERCI	BINARY	STAT	4	AVG	No	Number of segments available in control interval		35
SHRDPOOLCONN	BINARY	STAT	4	AVG	No	Number of shared pools connected to		40
SHRDPOOLDEF	BINARY	STAT	4	AVG	No	Number of shared pools defined		39
SHRDREADREQ	BINARY	STAT	4	AVG	No	Number of shared read requests		41
SHRDWRITEREQ	BINARY	STAT	4	AVG	No	Number of shared write requests		42
STRINGS	BINARY	STAT	2	AVG	No	Number of temporary storage strings		17

Table 378. TSQGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
STRINGWAIT	BINARY	STAT	4	AVG	No	Number of times string wait occurred		29
TSMAINHIT	BINARY	STAT	4	AVG	No	Count of times TSMAINLIMIT reached	E640 E650 E660	47
TSMAININUSE	BINARY	STAT	8	AVG	Yes	Current used above the bar storage for TSMAIN	E640 E650 E660 E640 E650 E660	44
TSMAINLIMIT	BINARY	INQ	8	AVG	Yes	Maximum above the bar storage for TSMAIN	E640 E650 E660 E640 E650 E660	43
TSMAINMAX	BINARY	STAT	8	AVG	No	Maximum TS MAIN storage used	E640 E650 E660	48
TSMAINPCT	PERCENT3	CPSM	4	AVG	No	Percentage utilization of TSMAIN above the bar	E640 E650 E660	45
WRTFRECVR	BINARY	STAT	4	AVG	No	Number of buffer writes forced by recovery		21
WRTGTCISZ	BINARY	STAT	4	AVG	No	Number of records with length greater than CISIZE		12

TSQNAME Resource Table

A CICS Resource that describes a temporary storage queue in an active CICS system being managed by CICSPlex SM.

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

The following action is supported:

DELETE

Delete a temporary storage queue

The parameter data for the DELETE action is:

```
PARM('LASTUSEDINT(interval).')

    where:

    interval = (Optional) Last used interval.
```

External resource name
CICSTSQueue

Length
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

EYUt0107

Table 379. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DELETE	LASTUSEDINT(value)	No

Table 380. TSQNAME 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			
EXPIRYINT	BINARY	CPSM	4	DIFF	No	TS Queue expiry interval (hours)	0	E640 E650 E660	11
HEXNAME	HEX	INQ	16	MIN	Yes	Queue name in hexadecimal			12
LASTUSEDINT	BINARY	INQ	4	AVG	No	Interval since queue last used (seconds)			8
LOCATION	CVDAS	INQ	4	LIKE	No	Queue location			2
LOCATION Output valid values	AUXILIARY, MAIN								
MAXITEMLEN	CNUMERIC	INQ	2	AVG	No	Largest item length (bytes)			4
MINITEMLEN	CNUMERIC	INQ	2	AVG	No	Smallest item length (bytes)			5
`NAME-1`	CHAR	INQ	16	DIFF	Yes	Queue name			1
NUMITEMS	BINARY	INQ	2	AVG	No	Number of items in queue			6
QUELENGTH	CNUMERIC	INQ	4	AVG	No	Total queue length (bytes)			3
RECOVSTATUS	CVDAS	INQ	4	LIKE	No	Recovery status			10
RECOVSTATUS Output valid values	RECOVERABLE, NOTRECOVABLE								
TRANSID	CHAR	INQ	4	DIFF	No	Transaction that created TS queue			9

TSQSHR Resource Table

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

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

The following actions are supported:

DELETE

Delete a temporary storage queue in pool.

The parameter data for the DELETE action is:

```
PARM('LASTUSEDINT(interval).')

    where:

    interval = (Optional) Last used interval.
```

External resource name

CICSSharedTSQueue

Length

72

Usage   API or CICS Management Client Interface or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0100

Table 381. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DELETE	LASTUSEDINT(value)	No

Table 382. TSQSHR 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		
EXPIRYINT	BINARY	INQ	4	AVG	No	TS Queue expiry interval (hours)	E640 E650 E660	12

Table 382. TSQSHR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
LASTUSEDINT	BINARY	INQ	4	AVG	No	Interval since queue last used (seconds)		9
LOCATION	CVDAS	INQ	4	LIKE	No	Queue location		3
LOCATION Output valid values	AUXILIARY, MAIN							
MAXITEMLEN	BINARY	INQ	2	AVG	No	Largest item length (bytes)		5
MINITEMLEN	BINARY	INQ	2	AVG	No	Smallest item length (bytes)		6
`NAME-1`	CHAR	INQ	16	DIFF	Yes	Queue name		1
NUMITEMS	BINARY	INQ	2	AVG	No	Number of items in queue		7
`POOLNAME-2`	CHAR	INQ	8	DIFF	Yes	Temporary storage pool name		2
QUELENGTH	BINARY	INQ	4	AVG	No	Total queue length (bytes)		4
RECOVSTATUS	CVDAS	INQ	4	LIKE	No	Recovery status		11
RECOVSTATUS Output valid values	RECOVERABLE, NOTRECOVABLE							
TRANSID	CHAR	INQ	4	DIFF	No	Transaction that created TS queue		10

TSQUEUE Resource Table

A CICS Resource that describes a temporary storage queue in an active CICS system being managed by CICSPlex SM.

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

The TSQUEUE resource class only returns objects instances if the target CICS system is running at CICS/ESA 3.3 or later.

The following actions are supported:

DELETE

> Delete a temporary storage queue in pool.
>
> The parameter data for the DELETE action is:
>
> ```
> PARM('LASTUSEDINT(interval).')
> ```
>
> where:
>
> ```
> interval = (Optional) Last used interval.
> ```

External resource name

Length
> 56

Usage   API or CICS Management Client Interface or EVALDEF

API view
> Yes

CMAS context
> No

SCOPE applies
   Yes

Only query CMASs in workload
   No

Object type
   CICS Resource

Copybook identifier
   EYUt0040

Table 383. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DELETE	LASTUSEDINT(value)	No

Table 384. TSQUEUE 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			
EXPIRYINT	BINARY	CPSM	4	DIFF	No	TS Queue expiry interval (hours)	0	E640 E650 E660	11
LASTUSEDINT	BINARY	INQ	4	AVG	No	Interval since queue last used (seconds)			8
LOCATION	CVDAS	INQ	4	LIKE	No	Queue location			2
LOCATION Output valid values	AUXILIARY, MAIN								
MAXITEMLEN	CNUMERIC	INQ	2	AVG	No	Largest queue item length (bytes)			4
MINITEMLEN	CNUMERIC	INQ	2	AVG	No	Smallest queue item length (bytes)			5
`NAME-1`	CHAR	INQ	8	DIFF	Yes	Queue name			1
NUMITEMS	BINARY	INQ	2	AVG	No	Number of items in queue			6
QUELENGTH	CNUMERIC	INQ	4	AVG	No	Queue length (bytes)			3
RECOVSTATUS	CVDAS	INQ	4	LIKE	No	Recovery status			10
RECOVSTATUS Output valid values	RECOVERABLE, NOTRECOVABLE								
TRANSID	CHAR	INQ	4	DIFF	No	Transaction that created TS queue			9

TYPINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
>56

Usage API or Batch Utility 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
>EYUt6161

Table 385. Valid CPSM operations

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

Table 386. TYPINGRP FEEDBACK error codes

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

Table 387. TYPINGRP 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
`TYPTMGROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
`TYPTMNAME-2`	CHAR	CPSM	8	Yes	DIFF	Yes	Typeterm definition name	6

Table 387. TYPINGRP resource table attributes (continued)

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

TYPTMDEF Resource Table

A CICS Definition that describes a typeterm, which encompasses attributes that are common to a group of terminals.

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

The following actions are supported:

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

External resource name
> CICSDefinitionTypeterm

Length
> 504

Usage API or Batch Utility or CICS Management Client Interface

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICS Definition

Copybook identifier
> EYUt3816

Table 388. 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

Table 388. Valid CPSM operations (continued)

	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 389. TYPTMDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid overtype	42	INV_OVRBLOCK	Invalid override block
43	INV_ORSTRING	Invalid override string	44	INV_STRNGTERM	Invalid string term
45	INV_EMBEDTERM	Invalid embedded terminator	46	INV_ATTRIBUTE	Invalid attribute
47	INV_LITERAL	Invalid literal	48	INV_ORSTGNA	Invalid override string
49	SCOPE_REQUIRED	Scope required	50	USAGE_CONFLICT	Usage conflict
51	NODEFS_SELECTED	No definitions selected	52	MORE_THAN_1_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 389. TYPTMDEF 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 390. TYPTMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ALTPAGECOL	CHAR	CPSM	4	No	DIFF	No	Alternate BMS page size (number of columns)	0	0-999		8
ALTPAGEROW	CHAR	CPSM	4	No	DIFF	No	Alternate BMS page size (number of rows)	0	0-999		9
ALTSCREENCOL	CHAR	CPSM	4	No	DIFF	No	Alternate screen size (number of columns)	0	0-999		10
ALTSCREENROW	CHAR	CPSM	4	No	DIFF	No	Alternate screen size (number of rows)	0	0-999		11
ALTSUFFIX	CHAR	CPSM	1	No	DIFF	No	Map set name suffix				82
APLKYBD	EYUDA	CPSM	4	Yes	LIKE	No	APL keyboard feature	NO			12
APLKYBD Input/output valid values	YES, NO										
APLTEXT	EYUDA	CPSM	4	Yes	LIKE	No	APL text feature	NO			13
APLTEXT Input/output valid values	YES, NO										
ASCII	CHAR	CPSM	4	No	DIFF	No	ASCII feature	NO	7-8		14
ASCII Input/output valid values	NO										
ASYNCBPS	CHAR	CPSM	8	No	DIFF	No	Asynchronous line speed (OS/2)			EALL	80
ASYNCBPS Input/output valid values	0, 110, 150, 300, 600, 1200, 1800, 2400, 3600, 4800, 9600, 19200										
ASYNCPRT3151	CHAR	CPSM	4	No	DIFF	No	3151 asynchronous port name (OS/2)			EALL	79
ATI	EYUDA	CPSM	4	Yes	LIKE	No	Automatic transaction initiation option	NO			15
ATI Input/output valid values	YES, NO										
AUDIBLEALARM	EYUDA	CPSM	4	Yes	LIKE	No	Audible alarm feature	NO			16
AUDIBLEALARM Input/output valid values	YES, NO										
AUTOCONNECT	EYUDA	CPSM	4	Yes	LIKE	No	Autoconnect for terminal option	NO			17

Table 390. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
AUTOCONNECT Input/output valid values	YES, NO, ALL										
AUTOPAGE	EYUDA	CPSM	4	Yes	LIKE	No	BMS autopaging option	NO			18
AUTOPAGE Input/output valid values	YES, NO										
BACKTRANS	EYUDA	CPSM	4	Yes	LIKE	No	Background transparency option	NO			19
BACKTRANS Input/output valid values	YES, NO										
BRACKET	EYUDA	CPSM	4	Yes	LIKE	No	Bracket protocol enforced	YES			20
BRACKET Input/output valid values	YES, NO										
BUILDCHAIN	EYUDA	CPSM	4	Yes	LIKE	No	CICS chain assembly performed	NO			21
BUILDCHAIN Input/output valid values	YES, NO										
CGCSGIDCODE	CHAR	CPSM	8	No	DIFF	No	Graphic character set global code	0	0-65535		22
CGCSGIDGBLID	CHAR	CPSM	8	No	DIFF	No	Graphic character set global ID	0	0-65535		23
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	92
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	94
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	93
CODEPAGE	CHAR	CPSM	8	No	DIFF	No	Code page value		0-65534	EALL	78
COLOR	EYUDA	CPSM	4	Yes	LIKE	No	Extended color feature	NO			24
COLOR Input/output valid values	YES, NO										
COPY	EYUDA	CPSM	4	Yes	LIKE	No	Copy feature	NO			25
COPY Input/output valid values	YES, NO										
CREATESESS	EYUDA	CPSM	4	Yes	LIKE	No	Sessions to be created	NO			26

Table 390. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CREATESESS Input/output valid values	YES, NO										
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				84
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	96
DEFSCREENCOL	CHAR	CPSM	4	No	DIFF	No	Default screen size (number of columns)	0	0-999		27
DEFSCREENROW	CHAR	CPSM	4	No	DIFF	No	Default screen size (number of rows)	0	0-999		28
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		91
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				88
DEVICE	CHAR	CPSM	8	Yes	DIFF	No	Device type				29
DISCREQ	EYUDA	CPSM	4	Yes	LIKE	No	Disconnect requests honored	YES			30
DISCREQ Input/output valid values	YES, NO										
DUALCASEKYBD	EYUDA	CPSM	4	Yes	LIKE	No	Dual case keyboard supported	NO			31
DUALCASEKYBD Input/output valid values	YES, NO										
ERRCOLOR	EYUDA	CPSM	4	Yes	LIKE	No	Color of error messages	NO			32
ERRCOLOR Input/output valid values	NO, BLUE, RED, PINK, GREEN, TURQUOISE, YELLOW, NEUTRAL										
ERRHILIGHT	EYUDA	CPSM	4	Yes	LIKE	No	Error messages highlighted	NO			33
ERRHILIGHT Input/output valid values	BLINK, REVERSE, UNDERLINE, NO										
ERRINTENSIFY	EYUDA	CPSM	4	Yes	LIKE	No	Error message display intensified	NO			34
ERRINTENSIFY Input/output valid values	YES, NO										
ERRLASTLINE	EYUDA	CPSM	4	Yes	LIKE	No	Display error messages on last line	NO			35
ERRLASTLINE Input/output valid values	YES, NO										
EXTENDEDDS	EYUDA	CPSM	4	Yes	LIKE	No	Extended 3270 data stream	NO			36
EXTENDEDDS Input/output valid values	YES, NO										

Table 390. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
FMHPARM	EYUDA	CPSM	4	Yes	LIKE	No	Accept user-supplied data in function management header (FMH)	NO			37
FMHPARM Input/output valid values	YES, NO										
FORMFEED	EYUDA	CPSM	4	Yes	LIKE	No	Formfeed feature	NO			38
FORMFEED Input/output valid values	YES, NO										
FULLSCREEN	EYUDA	CPSM	4	Yes	LIKE	No	Full screen option (OS/2)	YES		EALL	77
FULLSCREEN Input/output valid values	YES, NO										
HILIGHT	EYUDA	CPSM	4	Yes	LIKE	No	Extended highlight supported	NO			39
HILIGHT Input/output valid values	YES, NO										
HORIZFORM	EYUDA	CPSM	4	Yes	LIKE	No	BMS is to use horizontal tabbing	NO			40
HORIZFORM Input/output valid values	YES, NO										
IOAREALEN	CHAR	CPSM	8	No	DIFF	No	I/O buffer length	0	0-32767		41
IOAREALENALT	CHAR	CPSM	8	No	DIFF	No	Alternate I/O buffer length	0	0-32767		42
KATAKANA	EYUDA	CPSM	4	Yes	LIKE	No	Katakana feature	NO			43
KATAKANA Input/output valid values	YES, NO										
LDCLIST	CHAR	CPSM	8	No	DIFF	No	Name of logical device code list				44
LIGHTPEN	EYUDA	CPSM	4	Yes	LIKE	No	Selector pen feature	NO			45
LIGHTPEN Input/output valid values	YES, NO										
LOGMODE	CHAR	CPSM	8	No	DIFF	No	Logmode name				46
LOGONMSG	EYUDA	CPSM	4	Yes	LIKE	No	Good Morning transaction autoinitiation	NO			47
LOGONMSG Input/output valid values	YES, NO										
MSRCONTROL	EYUDA	CPSM	4	Yes	LIKE	No	Magnetic slot reader supported	NO			48
MSRCONTROL Input/output valid values	YES, NO										
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7

Table 390. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
NEPCLASS	CHAR	CPSM	4	No	DIFF	No	Node error program transaction class	0	0-255		49
OBFORMAT	EYUDA	CPSM	4	Yes	LIKE	No	Outboard formatting to be used	NO			50
OBFORMAT Input/output valid values	YES, NO										
OBOPERID	EYUDA	CPSM	4	Yes	LIKE	No	Outboard operator ID BMS routing	NO			51
OBOPERID Input/output valid values	YES, NO										
OUTLINE	EYUDA	CPSM	4	Yes	LIKE	No	Device supports field outline	NO			52
OUTLINE Input/output valid values	YES, NO										
PAGESIZECOL	CHAR	CPSM	4	No	DIFF	No	Page size (number of columns)	0	0-999		53
PAGESIZEROW	CHAR	CPSM	4	No	DIFF	No	Page size (number of rows)	0	0-999		54
PARTITIONS	EYUDA	CPSM	4	Yes	LIKE	No	Device uses partitions	YES			55
PARTITIONS Input/output valid values	YES, NO										
PRINTADAPTER	EYUDA	CPSM	4	Yes	LIKE	No	Printer adapter feature	NO			56
PRINTADAPTER Input/output valid values	YES, NO										
PROGSYMBOLS	EYUDA	CPSM	4	Yes	LIKE	No	Programmed symbols can be used	NO			57
PROGSYMBOLS Input/output valid values	YES, NO										
QUERY	EYUDA	CPSM	4	Yes	LIKE	No	Query structured field to be used	NO			58
QUERY Input/output valid values	NO, COLD, ALL										
RECEIVESIZE	CHAR	CPSM	8	No	DIFF	No	Maximum size of request unit	256	0-30720		59
RECOVNOTIFY	EYUDA	CPSM	4	Yes	LIKE	No	XRF recovery notification option	NONE			60
RECOVNOTIFY Input/output valid values	NONE, MESSAGE, TRANSACTION										
RECOVOPTION	EYUDA	CPSM	4	Yes	LIKE	No	Session recovery option	SYSDEFAULT			61

Table 390. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
RECOVOPTION Input/output valid values	SYSDEFAULT, CLEARCONV, RELEASESESS, UNCONDREL, NONE										
RELREQ	EYUDA	CPSM	4	Yes	LIKE	No	Honor release requests	NO			62
RELREQ Input/output valid values	YES, NO										
ROUTEDMSGS	EYUDA	CPSM	4	Yes	LIKE	No	Messages routed to terminal support				63
ROUTEDMSGS Input/output valid values	ALL, NONE, SPECIFIC										
RSTSIGNOFF	EYUDA	CPSM	4	Yes	LIKE	No	Sign-on characteristics	NOFORCE			90
RSTSIGNOFF Input/output valid values	NOFORCE, FORCE										
SENDSIZE	CHAR	CPSM	8	No	DIFF	No	Maximum send size	0	0-30720		64
SESSIONTYPE	CHAR	CPSM	8	No	DIFF	No	Type of session				65
SHIPPABLE	EYUDA	CPSM	4	Yes	LIKE	No	Definition shipped to a remote system	NO			66
SHIPPABLE Input/output valid values	NO, YES										
SIGNOFF	EYUDA	CPSM	4	Yes	LIKE	No	Automatic timeout	YES			67
SIGNOFF Input/output valid values	YES, NO, LOGOFF										
SOSI	EYUDA	CPSM	4	Yes	LIKE	No	Mixed EBCDIC/DBCS supported	NO			68
SOSI Input/output valid values	YES, NO										
TERMMODEL	CHAR	CPSM	4	No	DIFF	No	Terminal model number	1	1-2		83
TEXTKYBD	EYUDA	CPSM	4	Yes	LIKE	No	Text-keyboard feature	NO			69
TEXTKYBD Input/output valid values	YES, NO										
TEXTPRINT	EYUDA	CPSM	4	Yes	LIKE	No	Text-print feature	NO			70
TEXTPRINT Input/output valid values	YES, NO										
TTI	EYUDA	CPSM	4	Yes	LIKE	No	Transactions started via user	YES			71
TTI Input/output valid values	YES, NO										
UCTRAN	EYUDA	CPSM	4	Yes	LIKE	No	Input translated to upper case	NO			72

Table 390. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
UCTRAN Input/output valid values	YES, NO, TRANID										
USERAREALEN	CHAR	CPSM	4	No	DIFF	No	User area length	0	0-255		76
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				85
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				86
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				87
VALIDATION	EYUDA	CPSM	4	Yes	LIKE	No	Device supports extended validation	NO			73
VALIDATION Input/output valid values	YES, NO										
VERTICALFORM	EYUDA	CPSM	4	Yes	LIKE	No	BMS to use vertical tabbing	NO			74
VERTICALFORM Input/output valid values	YES, NO										
WRKSTATIONSU	CHAR	CPSM	8	No	DIFF	No	Workstation setup (OS/2)			EALL	81
XRFSIGNOFF	EYUDA	CPSM	4	No	LIKE	No	Replaced by RSTSIGNOFF. XRFSIGNOFF can be used in compatibility mode	NOFORCE		E620PLYS	75
XRFSIGNOFF Input/output valid values	NOFORCE, FORCE										

UOWDSNF Resource Table

A CICS Resource that describes a shunted unit of work due to a failed data set in an active system running the CICS TS for z/OS and being managed by CICSPlex SM.

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

There are no object specific actions for this resource class.

External resource name
> CICSUOWShuntedAndHoldingLocks

Length
> 104

Usage API or CICS Management Client Interface

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0084

Table 391. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 392. UOWDSNF resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
CAUSE	CVDAS	INQ	4	LIKE	No	Failed component which caused this failure	3
CAUSE Output valid values	CACHE, RLSSERVER, CONNECTION, DATASET, UNDEFINED						
`DSNAME-2`	CHAR	INQ	44	DIFF	Yes	Data set name with retained locks	2
NETNAME	CHAR	INQ	8	DIFF	No	Netname of remote system where connection lost	7
REASON	CVDAS	INQ	4	LIKE	No	Specific reason for error	6
REASON Output valid values	RLSGONE, COMMITFAIL, IOERROR, FAILEDBKOUT, DATASETFULL, DEADLOCK, INDEXRECFULL, OPENERROR, DELEXITERROR, BACKUPNONBWO, NOTAPPLIC, LCKSTRUCFULL, INDOUBT, RRINDOUBT, RRCOMMITFAIL						
RLSACCESS	CVDAS	INQ	4	LIKE	No	Mode in which data set last opened	4
RLSACCESS Output valid values	RLS, NOTRLS						
SYSID	CHAR	INQ	4	DIFF	No	Name of remote system where connection lost	5
`UOWID-1`	HEX	INQ	16	MIN	Yes	Unit of work (UOW) ID	1

UOWENQ Resource Table

A CICS Resource that describes an enqueue held by a unit of work in an active system running the CICS TS for z/OS and being managed by CICSPlex SM.

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

There are no object specific actions for this resource class.

External resource name
CICSUOWEnqueue

Length
608

Usage API or CICS Management Client Interface

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0080

Table 393. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 394. UOWENQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ENQADDRESS	HEX	INQ	4	MIN	No	Address of EXEC enqueue argument	14
ENQFAILS	BINARY	INQ	4	AVG	No	Number of enqueue failures since last acquire	7
ENQSCOPE	CHAR	INQ	4	DIFF	No	ENQ scope name	13
NETUOWID	HEX	INQ	27	MIN	No	Network-wide LU6.2 unit of work (UOW) id	12
QUALIFIER	CHAR	INQ	255	DIFF	No	Resource name qualifier	11
QUALLEN	BINARY	INQ	2	AVG	No	Length of resource qualifier (bytes)	8
RELATION	CVDAS	INQ	4	LIKE	No	Owner or task waiting	6
RELATION Output valid values	OWNER, WAITER						
RESLEN	BINARY	INQ	2	AVG	No	Length of resource name (bytes)	9
`RESOURCE-2`	CHAR	INQ	255	DIFF	Yes	Resource name	10
STATE	CVDAS	INQ	4	LIKE	No	Enqueue type	4
STATE Output valid values	ACTIVE, RETAINED						
TASKID	DECIMAL	INQ	4	AVG	No	Task number associated with UOW	3
TRANSID	CHAR	INQ	4	DIFF	No	Transaction ID associated with UOW	2
TYPE	CVDAS	INQ	4	LIKE	No	Resource type	5
TYPE Output valid values	DATASET, EXECENQ, EXECENQADDR, FILE, TDQUEUE, TSQUEUE						
`UOWID-1`	HEX	INQ	16	MIN	Yes	Unit of work (UOW) ID	1

UOWLINK Resource Table

A CICS Resource that describes a connection used by a unit of work in an active system running the CICS TS for z/OS and being managed by CICSPlex SM.

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

The following actions are supported:

DELETE
Delete the UOW link.

The DELETE action requires no unique parameter data.

External resource name
CICSUOWLink

Length
456

Usage API or CICS Management Client Interface

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0081

Table 395. Valid CPSM operations

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

Table 396. UOWLINK resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
HOST	CHAR	INQ	255	DIFF	No	TCP/IP host address		12
`LINK-1`	HEX	INQ	4	MIN	Yes	Link token		1
LINKNAME	CHAR	INQ	8	DIFF	No	Netname of remote system or global user exit name		3
NETUOWID	HEX	INQ	27	MIN	No	Network-wide LU 6.2 name of UOW		10
PROTOCOL	CVDAS	INQ	4	LIKE	No	Link protocol		9

Table 396. UOWLINK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
PROTOCOL Output valid values	APPC, IRC, LU61, RRMS, IPIC, IIOP, NOTAPPLIC							
RESYNCSTATUS	CVDAS	INQ	4	LIKE	No	Resynchronization status		8
RESYNCSTATUS Output valid values	COLD, OK, STARTING, UNAVAILABLE, UNCONNECTED, NOTAPPLIC							
RMIQFY	CHAR	INQ	8	DIFF	No	Entry qualifier of task related user exit		6
ROLE	CVDAS	INQ	4	LIKE	No	Role of connection		7
ROLE Output valid values	COORDINATOR, SUBORDINATE, UNKNOWN							
RRMSURID	CHAR	CMF	32	DIFF	No	RRMS Unit of recoverable work ID		11
SYSID	CHAR	INQ	4	DIFF	No	Name of remote system		5
TYPE	CVDAS	INQ	4	LIKE	No	Resource type		4
TYPE Output valid values	CONNECTION, RMI, IIOP, CFTABLE, IPCONN							
UOWID	HEX	INQ	16	MIN	No	Unit of work (UOW) ID		2
XID	HEX	INQ	64	DIFF	No	Global transaction identifier	E640	13

UOW Resource Table

A CICS Resource that describes a unit of work in an active system running the CICS TS for z/OS and being managed by CICSPlex SM.

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

The following actions are supported for units of work that are shunted indoubt:

BACKOUT
> Perform syncpoint backout processing.

COMMIT
> Perform syncpoint commit processing.

FORCE
> Force UOW to backout or commit.

These actions require no unique parameter data.

External resource name
> CICSUOW

Length
> 248

Usage API or CICS Management Client Interface

API view
> Yes

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0079

Table 397. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	FORCE	None	N/A
	BACKOUT	None	N/A
	COMMIT	None	N/A

Table 398. UOW resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
AGE	BINARY	INQ	4	AVG	No	Time in current wait state (seconds)	5
LINK	CHAR	INQ	8	DIFF	No	Netname of remote system that caused wait	12
NETNAME	CHAR	INQ	8	DIFF	No	Netname of link causing UOW wait/shunt	6
NETUOWID	HEX	INQ	27	MIN	No	LU 6.2 network-wide name for UOW	13
OTSTID	CHAR	INQ	128	DIFF	No	Object transaction service (OTS) transaction ID	14
SYSID	CHAR	INQ	4	DIFF	No	System ID of connection that caused wait	7
TASKID	DECIMAL	INQ	4	AVG	No	Task originally associated with UOW	10
TERMID	CHAR	INQ	4	DIFF	No	Terminal from which this UOW was started	8
TRANSID	CHAR	INQ	4	DIFF	No	Transaction that started UOW	9
`UOWID-1`	HEX	INQ	16	MIN	Yes	Local unit of work (UOW) ID	1
UOWSTATE	CVDAS	INQ	4	LIKE	Yes	UOW status	2
UOWSTATE Input/output valid values	BACKOUT, COMMIT, FORCE						
UOWSTATE Output valid values	INDOUBT, INFLIGHT, HEURCOMMIT, HEURBACKOUT, FORCE						
USERID	CHAR	INQ	8	DIFF	No	User that started transaction	11
WAITCAUSE	CVDAS	INQ	4	LIKE	No	Cause of wait	4
WAITCAUSE Output valid values	CONNECTION, DATASET, WAITCOMMIT, WAITFORGET, RLSSERVER, WAITRMI, WAITRRMS						
WAITSTATE	CVDAS	INQ	4	LIKE	No	Wait status	3
WAITSTATE Output valid values	ACTIVE, SHUNTED, WAITING						

URIINGRP Resource Table

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

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

External resource name

Length
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
EYUt6178

Table 399. Valid CPSM operations

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

Table 400. URIINGRP FEEDBACK error codes

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

Table 401. URIINGRP resource table attributes

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

Table 401. URIINGRP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created	9
`URIGROUP-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Resource group name	5
`URINAME-2`	CHAR	CPSM	8	Yes	DIFF	Yes	URIMAP definition name	6
`URIVER-3`	BINARY	CPSM	1	Yes	AVG	Yes	URIMAP definition version	7

URIMAP Resource Table

A CICS resource that describes the universal resource identifier (URI) of requests from web clients or requests to a remote server.

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

The following actions are supported:

ENABLE
Enable access to the URIMAP definition by programs.

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

DISCARD
Remove a URIMAP definition from the system.

External resource name
CICSURIMap

Length
1408

Usage API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0162

Table 402. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 402. Valid CPSM operations (continued)

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

Table 403. URIMAP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
ANALYZERSTAT	CVDAS	INQ	4	LIKE	No	Use an analyzer program to process HTTP request			13
ANALYZERSTAT Output valid values	ANALYZER, NOANALYZER								
ATOMSERVICE	CHAR	CPSM	8	DIFF	Yes	Atomservice that will process the request.		E640 E650	44
AUTHENTICATE	CVDAS	INQ	4	LIKE	No	Authentication level		E640 E650	46
AUTHENTICATE Output valid values	BASICAUTH, NOAUTHENTIC								
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	39
CERTIFICATE	CHAR	INQ	32	DIFF	No	SSL client certificate for outbound HTTPS request			20
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	31
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, DYNAMIC, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	32
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	34
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	30
CHARACTERSET	CHAR	INQ	40	DIFF	No	Character set of CICS response to the HTTP request			8
CIPHERS	CHAR	INQ	56	DIFF	No	SSL cipher suite codes			21
CONVERTER	CHAR	INQ	8	DIFF	No	Converter program to process request content			14
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	35
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	36
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Status			2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED								

Table 403. URIMAP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
ENABLESTATUS Output valid values	DISABLEDHOST								
HFSFILE	CHAR	INQ	255	DIFF	No	Qualified HFS file to form the static response			11
HOST	CHAR	INQ	116	DIFF	No	Host component of the URI			5
HOSTCODEPAGE	CHAR	INQ	10	DIFF	No	Code page in which the static response is encoded			9
HOSTTYPE	CVDAS	INQ	4	LIKE	No	The format of the host name or address		E640 E650	42
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, DYNAMIC, GRPLIST, BUNDLE								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	38
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	37
IPFAMILY	CVDAS	INQ	4	LIKE	No	The format of the resolved IP address		E640 E650	41
IPFAMILY Output valid values	IPV4, IPV6, UNKNOWN								
IPRESOLVED	CHAR	INQ	39	DIFF	No	The resolved IP address of this URIMAP		E640 E650	40
LOCATION	CHAR	INQ	255	DIFF	Yes	URI to which to redirect the inbound HTTP request			22
MAPREFCOUNT	BINARY	STAT	4	AVG	No	URI map reference count			24
MATCHDISABLD	BINARY	STAT	4	AVG	No	URI map host or path disabled			25
MATCHREDIREC	BINARY	STAT	4	AVG	No	URI map host or path redirect			26
MEDIATYPE	CHAR	INQ	56	DIFF	No	Media type of CICS response to the HTTP request			7
`NAME-1`	CHAR	INQ	8	DIFF	Yes	Name			1
NUMCIPHERS	BINARY	INQ	2	LIKE	No	Number of SSL cipher suite codes			27
PATH	CHAR	INQ	255	DIFF	No	Path component of URI to which the map applies			6
PIPELINE	CHAR	INQ	8	DIFF	No	Pipeline that will process the request			17
PORT	BINARY	INQ	4	DIFF	No	Port number for USAGE(CLIENT)		E640 E650	43
PROGRAM	CHAR	INQ	8	DIFF	No	Application program that will process the request			16

Table 403. URIMAP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
REDIRECTTYPE	CVDAS	INQ	4	LIKE	Yes	Type of redirection			29
REDIRECTTYPE Input/output valid values	NONE, TEMPORARY, PERMANENT								
SCHEME	CVDAS	INQ	4	LIKE	No	Scheme component of URI to which the map applies			4
SCHEME Output valid values	HTTP, HTTPS								
SOCKETCLOSE	BINARY	INQ	4	DIFF	Yes	Time out for pooled sockets (secs)		E640 E650 E660	47
SOCKPLSZPEAK	BINARY	STAT	4	MAX	No	Peak number of pooled sockets			49
SOCKPOOLSIZE	BINARY	INQ	4	DIFF	Yes	Number of pooled sockets		E640 E650 E660	48
SOCKRECLAIMD	BINARY	STAT	4	MAX	No	Number of reclaimed sockets			50
SOCKTIMEDOUT	BINARY	STAT	4	MAX	No	Number of timed out sockets			51
TCPIPSERVICE	CHAR	INQ	8	DIFF	No	Inbound TCP/IP service relating to this URI map			12
TEMPLATENAME	CHAR	INQ	48	DIFF	No	Document template to form the static response			10
TRANSACTION	CHAR	INQ	4	DIFF	No	Alias transaction to run application for response			15
USAGE	CVDAS	INQ	4	LIKE	No	URI map usage			3
USAGE Output valid values	SERVER, CLIENT, PIPELINE, ATOM								
USERID	CHAR	INQ	8	DIFF	No	User ID to attach the alias transaction			19
WEBSERVICE	CHAR	INQ	32	DIFF	No	Web service that will process the request			18

URIMPDEF Resource Table

A CICS definition that describes the universal resource identifier (URI) of requests from web clients or requests to a remote server.

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

The following actions are supported:

INSTALL

Install a Connection Definition.

ADDTOGRP

Add to resource group

PARM(' [ERRQUEUE] RESGROUP(*value*) .')

Note: When creating this resource you should consider specifying the HOST attribute in lower case as CICS will convert this attribute name to lower case at install time. If you have not used a lower case name, you may subsequently have difficulty finding your host.

External resource name
CICSDefinitionURIMap

Length
1392

Usage API or Batch Utility or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICS Definition

Copybook identifier
EYUt3833

Table 404. 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 405. URIMPDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description

Table 405. URIMPDEF FEEDBACK error codes (continued)

1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
4	REC_EXISTS	Resource already exists	5	REC_CHANGED	Resource definition already changed
6	INV_RESTYPE	Invalid resource type	7	INV_VER	Invalid resource version
11	NON_MP	Maintenance point CMAS not available	12	INV_CONTEXT	Context not found
13	INCONSISTENT_SET	Inconsistent set condition	14	INV_RESGROUP	Resource group not found
21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_NAMELIST_END	Early name list end	26	INV_NAMELIST	Invalid name list
27	INV_NAME	Invalid name	28	INV_MINNAME	Invalid minor name
29	NOTIFY	Notify	30	PARTIAL_INSTALL	Partial install
31	NOTHING_INSTALLED	Nothing installed	32	NO_TARGETS	No targets
33	NO_RELATED	No related systems	34	INV_TSCOPE	Invalid target scope
35	INV_RSCOPE	Invalid related scope	36	INV_USAGE	Invalid usage
37	INV_MODE	Invalid mode	38	INV_STATECHK	Invalid state check
39	INV_FORCEINS	Invalid force install	40	INV_NOTIFY	Invalid notify
41	INV_OVERTYPE	Invalid 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 406. URIMPDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ANALYZER	EYUDA	CPSM	4	No	LIKE	No	Use an analyzer program to process HTTP request	NO			26
ANALYZER Input/output valid values	NO, YES										

Table 406. URIMPDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ATOMSERVICE	CHAR	CPSM	8	No	AVG	No	Atomservice that will process the request.			E640 E650	44
AUTHENTICATE	EYUDA	CPSM	4	Yes	LIKE	No	Authentication level	N_A		E640 E650	45
AUTHENTICATE Input/output valid values	N_A, NO, BASIC										
CERTIFICATE	CHAR	CPSM	32	No	DIFF	No	SSL client certificate for outbound HTTPS request				33
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650	39
CHANGEAGENT Input/output valid values	DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650	41
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650	40
CHARACTERSET	CHAR	CPSM	40	No	DIFF	No	Character set of CICS response to the HTTP request				21
CIPHERS	CHAR	CPSM	56	No	DIFF	No	Cipher suite codes to be used for outbound SSL				34
CONVERTER	CHAR	CPSM	8	No	DIFF	No	Converter program to process request content				27
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				9
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	46
`DEFVER-2`	BINARY	CPSM	1	Yes	AVG	Yes	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		38
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				13
HFSFILE	CHAR	CPSM	255	No	DIFF	No	Qualified HFS file to form the static response				24
HOST	CHAR	CPSM	116	Yes	DIFF	No	Host component of URI to which the map applies				18
HOSTCODEPAGE	CHAR	CPSM	10	No	DIFF	No	Code page in which the static response is encoded				22
LOCATION	CHAR	CPSM	255	No	DIFF	No	URI to which to redirect the inbound HTTP request				35

Table 406. URIMPDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
MEDIATYPE	CHAR	CPSM	56	No	DIFF	No	Media type of CICS response to the HTTP request				20
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name				7
PATH	CHAR	CPSM	255	Yes	DIFF	No	Path component of URI to which the map applies				19
PIPELINE	CHAR	CPSM	8	No	DIFF	No	Pipeline that will process the request				30
PORT	CHAR	CPSM	8	No	DIFF	No	Port number	NO	1-65535	E640 E650	43
PORT Input/output valid values	NO										
PROGRAM	CHAR	CPSM	8	No	DIFF	No	Application program that will process the request				29
REDIRECTTYPE	CVDAS	CPSM	4	Yes	LIKE	No	Type of redirection	NONE			37
REDIRECTTYPE Input/output valid values	NONE, TEMPORARY, PERMANENT										
SCHEME	CVDAS	CPSM	4	Yes	LIKE	No	Scheme component of URI to which the map applies	HTTP			17
SCHEME Input/output valid values	HTTP, HTTPS										
SOCKETCLOSE	CHAR	CPSM	6	No	DIFF	No	Time out for pooled sockets (HHMMSS)			E640 E650 E660	47
STATUS	CVDAS	CPSM	4	Yes	LIKE	No	Enabled status	ENABLED			15
STATUS Input/output valid values	ENABLED, DISABLED										
TCPIPSERVICE	CHAR	CPSM	8	No	DIFF	No	Inbound TCP/IP service relating to this URI map				25
TEMPLATENAME	CHAR	CPSM	48	No	DIFF	No	Document template to form the static response				23
TRANSACTION	CHAR	CPSM	4	No	DIFF	No	Alias transaction to run application for response				28
USAGE	CVDAS	CPSM	4	Yes	LIKE	No	URI map usage type	SERVER			16
USAGE Input/output valid values	SERVER, CLIENT, PIPELINE, ATOM										
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				12
USERID	CHAR	CPSM	8	No	DIFF	No	The user ID to attach the alias transaction				32

Table 406. URIMPDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
WEBSERVICE	CHAR	CPSM	32	No	DIFF	No	Web service that will process the request				31

URIMPGBL Resource Table

A CICS resource, with no key, that describes the global statistics returned by CICS extract statistics for the URIMAP resource.

External resource name
CICSGlobalURIMapStatistics

Length
64

Usage   API or CICS Management Client Interface or EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0166

Table 407. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 408. URIMPGBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
DYNAMCONTENT	BINARY	STAT	4	SUM	URI map dynamic content	8
HOSTDISABLED	BINARY	STAT	4	SUM	Host disabled count	13
MAPREFCOUNT	BINARY	STAT	4	SUM	URI map reference count	1
MATCHANALYZE	BINARY	STAT	4	SUM	URI map host or path match analyzer	6
MATCHCOUNT	BINARY	STAT	4	SUM	URI map host or path match count	4
MATCHDISABLD	BINARY	STAT	4	SUM	URI map host or path disabled	2
MATCHREDIREC	BINARY	STAT	4	SUM	URI map host or path redirect	5

Table 408. URIMPGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
NOMATCHCOUNT	BINARY	STAT	4	SUM	URI map host or path no match count	3
PIPELINEREQS	BINARY	STAT	4	SUM	URI map pipeline requests	10
SCHEMEHTTP	BINARY	STAT	4	SUM	URI map SCHEME(HTTP) requests	11
SCHEMEHTTPS	BINARY	STAT	4	SUM	URI map SCHEME(HTTPS) requests	12
STATICONTENT	BINARY	STAT	4	SUM	URI map static content	7

VOLUME Resource Table

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

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

The following actions are supported:

ADD   Add a volume.

The parameter data for the ADD action is:

```
PARM('VOLSER(volser) JOURNAL(jrnl)
     [AVAILSTAT(cvda)].')

  where:

  volser = (Required) 6-character volume serial number
  jrnl   = (Required) Journal number, from 1 - 99
  cvda   = Valid CVDA for the volume availability condition
```

REMOVE
Remove a volume.

External resource name

Length
64

Usage EVALDEF

API view
Yes

CMAS context
No

SCOPE applies
Yes

Only query CMASs in workload
No

Object type
CICS Resource

Copybook identifier
EYUt0016

Table 409. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADD	AVAILSTAT(NOWRITE|OK)	No
		JOURNAL(value)	Yes
		VOLSER(value)	Yes
REMOVE		None	N/A

Table 410. VOLUME resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
AVAILSTATUS	CVDAS	INQ	4	LIKE	Yes	Availability status	6
AVAILSTATUS Input/output valid values	OK, NOWRITE						
AVAILSTATUS Output valid values	FINPUT, FOUTPUT, FOPEN, FCLOSE						
DATE	CHAR	INQ	5	DIFF	No	Date when earliest data written	8
EMPTYSTATUS	CVDAS	INQ	4	LIKE	No	Empty status	3
EMPTYSTATUS Output valid values	EMPTY, NOTEMPTY						
JOURNALNUM	BINARY	INQ	2	AVG	Yes	Journal number	2
LONGDATE	CHAR	INQ	7	DIFF	No	Date with 4-digit year	9
OPENSTATUS	CVDAS	INQ	4	LIKE	No	Open status	5
OPENSTATUS Output valid values	OPEN, CLOSED, OPENING						
PART	BINARY	INQ	4	AVG	No	Sequence number in volume series	4
TIME	CHAR	INQ	6	DIFF	No	Time when earliest data written	7
`VOLUME-1`	CHAR	INQ	6	DIFF	Yes	Volume serial number	1

WEBINGRP Resource Table

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

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

There are no object specific actions for this resource class.

External resource name

Length
> 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
EYUt6180

Table 411. Valid CPSM operations

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

Table 412. WEBINGRP FEEDBACK error codes

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

Table 413. WEBINGRP resource table attributes

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

WEBSERV Resource Table

A CICS resource that defines aspects of the runtime environment for a CICS application program deployed as a web service, where the mapping between application data structure and SOAP messages has been generated using CICS-supplied tools.

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

External resource name
    CICSWebService

Length
    1496

Usage API or CICS Management Client Interface or EVALDEF

API view
    Yes

CMAS context
    No

SCOPE applies
    Yes

Only query CMASs in workload
    No

Object type
    CICS Resource

Copybook identifier
    EYUt0165

Table 414. Valid CPSM operations

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

Table 415. WEBSERV resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
ARCHIVEFILE	CHAR	INQ	255	DIFF	No	Fully-qualified archive file on HFS		E640 E650 E660	38
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0	E640 E650	37
BINDING	CHAR	INQ	255	DIFF	No	The WSDL binding that this web service represents			10
CCSID	BINARY	INQ	4	LIKE	No	Coded character set ID		E640	17
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent		E640 E650	29

Table 415. WEBSERV resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, DYNAMIC, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release		E640 E650	30
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time		E640 E650	32
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID		E640 E650	27
CONTAINER	CHAR	INQ	16	DIFF	No	Container used if the program input is CHANNEL			13
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition		E640 E650	33
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time		E640 E650	34
ENDPOINT	CHAR	INQ	255	DIFF	No	The endpoint URI of a remote web service			9
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent		E640 E650	31
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, DYNAMIC, GRPLIST, BUNDLE								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time		E640 E650	36
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID		E640 E650	35
LASTMODTIME	DATETIME	INQ	8	MAX	No	Time the WSBind file on HFS was last updated			14
MAPPINGLEVEL	CHAR	INQ	8	DIFF	No	Mapping level used in WSBind file		E640	18
MAPPINGRNUM	BINARY	INQ	4	LIKE	No	Mapping release number part of MAPLEVEL		E640	20
MAPPINGVNUM	BINARY	INQ	4	LIKE	No	Mapping version number part of MAPLEVEL		E640	19
MINRUNLEVEL	CHAR	INQ	8	DIFF	No	Minimum runtime level required by WSBind file		E640	21
MINRUNRNUM	BINARY	INQ	4	LIKE	No	Minimum runtime release number part of MINRUNLVL		E640	23
MINRUNVNUM	BINARY	INQ	4	LIKE	No	Minimum runtime version number part of MINRUNLVL		E640	22
`NAME-1`	CHAR	INQ	32	DIFF	Yes	Name			1
PGMINTERFACE	CVDAS	INQ	4	LIKE	No	Where the specified program expects input			12
PGMINTERFACE Output valid values	CHANNEL, COMMAREA, NOTAPPLIC								
PIPELINE	CHAR	INQ	8	DIFF	No	Pipeline in which this web service is installed			5

Table 415. WEBSERV resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
PROGRAM	CHAR	INQ	8	DIFF	No	Application program to implement this web service			8
STATE	CVDAS	INQ	4	LIKE	No	Web service status			15
STATE Output valid values	INITING, DISCARDING, INSERVICE, UNUSABLE								
URIMAP	CHAR	INQ	8	DIFF	No	Dynamically installed URI map for this web service			7
VALIDATIONST	CVDAS	INQ	4	LIKE	Yes	Perform validation of SOAP messages against WSDL	NOVALIDATION		6
VALIDATIONST Input/output valid values	VALIDATION, NOVALIDATION								
WEBUSECOUNT	BINARY	STAT	4	SUM	No	Number of times web service used			16
WSBIND	CHAR	INQ	255	DIFF	No	Fully-qualified WSBind file on HFS			2
WSDLFILE	CHAR	INQ	255	DIFF	No	Fully-qualified WSDL file on HFS			3
XOPDIRECTST	EYUDA	INQ	4	LIKE	No	Current Web service direct mode XOP status		E640	25
XOPDIRECTST Output valid values	SUPPORTED, NOTSUPPORTED								
XOPSUPPORTST	EYUDA	INQ	4	LIKE	No	Web service XOP capability		E640	24
XOPSUPPORTST Output valid values	SUPPORTED, NOTSUPPORTED								

WEBSVDEF Resource Table

A CICS definition that describes aspects of the run-time environment for a CICS application program deployed in a Web services setting, where the mapping between application data structure and SOAP messages has been generated using CICS-supplied tools.

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

The 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.

ADDTOGRP

> Add to resource group

> PARM(' [ERRQUEUE] RESGROUP(*value*) .')

External resource name

> CICSDefinitionWebService

Length
920

Usage API or Batch Utility or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
No

Object type
CICS Definition

Copybook identifier
EYUt3835

Table 416. 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 417. WEBSVDEF FEEDBACK error codes

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

Table 417. WEBSVDEF FEEDBACK error codes (continued)

21	INV_ACTION	Invalid action	22	INV_RECADDR	Invalid record address
23	INV_RECLEN	Invalid record length	24	DIFF_VERSION	Different version
25	EARLY_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 418. WEBSVDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ARCHIVEFILE	CHAR	CPSM	255	No	DIFF	No	Fully-qualified archive file on HFS			E640 E650 E660	25
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

Table 418. WEBSVDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
`CSDGROUP-3`	CHAR	CPSM	8	Yes	DIFF	Yes	CSD group			E640 E650	24
`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
PIPELINE	CHAR	CPSM	8	Yes	DIFF	No	Pipeline in which to install this web service				14
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				12
VALIDATION	EYUDA	CPSM	4	No	LIKE	No	Perform validation of SOAP messages against WSDL	NO			17
VALIDATION Input/output valid values	NO, YES										
WSBIND	CHAR	CPSM	255	Yes	DIFF	No	Fully-qualified WSBind file on HFS				15
WSDLFILE	CHAR	CPSM	255	No	DIFF	No	Fully-qualified WSDL file on HFS				16

WLMAROUT Resource Table

A CICSPlex SM Workload Manager object that describes a CICS router region in an active workload. WLMAROUT returns a router status record from every CMAS in the workload.

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

External resource name
CICSWLMActiveRouter

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
EYUt2660

Table 419. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	No

Table 420. WLMAROUT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ABDCMPSTATE	EYUDA	CPSM	4	LIKE	No	Abend compensation status	16
ABDCMPSTATE Output valid values	YES, NO						
CON_STATUS	EYUDA	CPSM	4	LIKE	No	Routing region contact status	7
CON_STATUS Output valid values	LOSTCON, N_A						
FMIDSEQ	CHAR	INQ	4	DIFF	No	FMID sequence number	13
MVSSYSNAME	CHAR	CPSM	8	DIFF	No	MVS system name	12
OWSTATE	EYUDA	CPSM	4	LIKE	No	Optimization status	10
OWSTATE Output valid values	ACTIVE, INACTIVE, N_A						
RELEASE	CHAR	CPSM	3	DIFF	No	CICS Release	15
`RPTINGCMAS-4`	CHAR	CPSM	8	DIFF	Yes	Reporting CMAS name	17
RTUOWEND	BINARY	CPSM	8	SUM	No	Unit of work completes	11
STRTTIME	TIMESTP	CPSM	8	MAX	No	Local time at which router was started	14
`TOR-3`	CHAR	CPSM	8	DIFF	Yes	Routing region name	5
TOROWNER	CHAR	CPSM	8	DIFF	No	Name of controlling CMAS	9
`WORKLOAD-1`	CHAR	CPSM	8	DIFF	Yes	Workload name	4
`WRKLOWNER-2`	CHAR	CPSM	4	DIFF	Yes	System ID of workload owner	8

WLMATAFF Resource Table

A CICSPlex SM Workload Manager object that describes an active affinity relationship for a dynamic transaction. An instance of this object exists for the duration of the affinity, which in many cases is a very short period of time.

This object is referenced within the scope of a workload. The workload name must be explicitly identified in the PARM option of the API GET command by coding the following text string:

```
PARM('WORKLOAD(workload).')
```

workload is the name of an active workload and is required. Alternatively, you can code the following text string:

```
PARM('WORKLOAD(*).')
```

You can specify a workload name of * as a wildcard. Using this wildcard returns a WLMATAFF record for every workload with which the target region is associated. No other generic form of workload name can be specified. You must use an explicit workload name or the wildcard.

The key for this resource class is a composite element.

The following action is supported:

FORCE
Force an affinity to be broken.

This action is provided for use when system failures occur and manual recovery of a workload is required. It is not intended for general use and may cause damage if used in an inappropriate manner. CICSPlex SM makes no checks before the forced removal of an affinity relation.

External resource name
CICSWLMActiveAffinity

Length
240

Usage API or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
Yes

Object type
CICSPlex SM Manager

Copybook identifier
EYUt2487

Table 421. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	No
PERFORM SET	FORCE	None	N/A

Table 422. WLMATAFF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	AFFINITY_NOT_FOUND	Affinity not found	22	WORKLOAD_NOT_FOUND	Workload not found
23	TRANGRP_NOT_FOUND	Transaction group not found	24	NO_WORKLOAD	No workload
25	NO_TRANGRP	No transaction group	26	WORKLOAD_FROZEN	Workload frozen

Table 423. WLMATAFF resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
AFFINITY	EYUDA	CPSM	4	LIKE	No	Affinity relationship	6
AFFINITY Input/output valid values	LOCKED						
AFFINITY Output valid values	GLOBAL, LUNAME, USERID, BAPPL						

Table 423. WLMATAFF resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
`AFFKEY-9`	HEX	CPSM	64	LIKE	No	Key that identifies creator of affinity	19
AOR	CHAR	CPSM	8	DIFF	No	Target region	13
CBTSKEY	HEX	CPSM	52	LIKE	No	BTS activity ID	16
LIFETIME	EYUDA	CPSM	4	LIKE	No	Affinity lifetime	7
LIFETIME Input/output valid values	UOW						
LIFETIME Output valid values	LOGON, PCONV, PERMANENT, SIGNON, SYSTEM, DELIMIT, ACTIVITY, PROCESS						
LOCUOWID	HEX	CPSM	8	LIKE	No	Local unit-of-work ID	17
`LUNAME-5`	CHAR	CPSM	17	DIFF	Yes	Terminal LU name	10
NETUOWID	HEX	CPSM	27	LIKE	No	Network unit-of-work ID	18
`RESERVD2-8`	CHAR	CPSM	11	DIFF	Yes	The activity ID of the CBTS activity	15
`TERMID-7`	CHAR	CPSM	8	DIFF	Yes	Routing region terminal	12
`TORNAME-6`	CHAR	CPSM	8	DIFF	Yes	Routing region	11
`TRANGRP-3`	CHAR	CPSM	8	DIFF	Yes	Transaction group	4
`USERID-4`	CHAR	CPSM	8	DIFF	Yes	User identifier	9
`WORKLOAD-1`	CHAR	CPSM	8	DIFF	Yes	Workload name	5
`WRKLOWNER-2`	CHAR	CPSM	4	DIFF	Yes	System ID of workload owner	14

WLMATARG Resource Table

A CICSPlex SM Workload Manager object that describes a CICS system used as a target region for one or more active workloads.

This object is referenced by its target region name only - it has no referential affinities to any explicitly named workloads.

The following actions are supported:

RESET
> Force the dynamic routing statistics counters to be reset to zero.

This action requires no unique parameter data.

External resource name
> CICSWLMTarget

Length
> 184

Usage API or CICS Management Client Interface

API view
> No

CMAS context
> No

SCOPE applies
> Yes

Only query CMASs in workload
No

Object type
CICSPlex SM Manager

Copybook identifier
EYUt2659

Table 424. Valid CPSM operations

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

Table 425. WLMATARG FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	NO_AOR	Target region not defined			

Table 426. WLMATARG resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
`AOR-1`	CHAR	CPSM	8	DIFF	Yes	Target region name		4
BOTRSUPD	BINARY	CPSM	1	MAX	No	RS server bottom tier	10	34
CFREADCT	BINARY	CPSM	8	SUM	No	Coupling Facility read count		39
CFUPDCNT	BINARY	CPSM	8	MAX	No	Coupling Facility update count		26
CON_STATUS	EYUDA	CPSM	4	LIKE	No	Target region contact status		6
CON_STATUS Output valid values	LOSTCON, N_A							
CPSMVER	CHAR	CPSM	4	SUM	No	CICSPlex SM version		38
EVENTS	BINARY	CPSM	4	MAX	No	RTA event count for target region		10
HLTHDUMP	EYUDA	CPSM	4	LIKE	No	Region is dumping		22
HLTHDUMP Output valid values	NO, YES							
HLTHMAXT	EYUDA	CPSM	4	LIKE	No	Region is at MAXTASKS		23
HLTHMAXT Output valid values	NO, YES							
HLTHNRM	EYUDA	CPSM	4	LIKE	No	MAS non responsive		37
HLTHNRM Output valid values	NO, YES							
HLTHSOS	EYUDA	CPSM	4	LIKE	No	Short on storage		20
HLTHSOS Output valid values	NO, YES							
HLTHSTALL	EYUDA	CPSM	4	LIKE	No	Region has stalled		21
HLTHSTALL Output valid values	NO, YES							
MAXTASKS	BINARY	CPSM	4	MAX	No	Maximum task count for region		25
OWNINGCMAS	CHAR	CPSM	8	DIFF	Yes	Owning CMAS name		28
OWSTATE	EYUDA	CPSM	4	LIKE	No	Optimization status		7

Table 426. WLMATARG resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
OWSTATE Output valid values	ACTIVE, INACTIVE, N_A							
READRS	BINARY	CPSM	2	MAX	No	RS server read interval	200	30
ROUTEWGHT	BINARY	CPSM	4	MAX	No	WLM routing weight for region		8
ROUTINGLOAD	BINARY	CPSM	4	MAX	No	Routing Load		24
`RPTINGCMAS-2`	CHAR	CPSM	8	DIFF	Yes	Reporting CMAS name		36
RSPOOLID	CHAR	CPSM	8	DIFF	No	RS server pool name		27
RTABEND	BINARY	CPSM	8	SUM	No	Route abends		17
RTCOMPLETE	BINARY	CPSM	8	SUM	No	Route completes		19
RTERROR	BINARY	CPSM	8	SUM	No	Route errors		14
RTINITIATE	BINARY	CPSM	8	SUM	No	Route initiates		18
RTNOTIFY	BINARY	CPSM	8	SUM	No	Route notifies		16
RTSELECT	BINARY	CPSM	8	SUM	No	Route selections		13
RTTERMINATE	BINARY	CPSM	8	SUM	No	Route terminates		15
STATUS	EYUDA	CPSM	4	LIKE	No	Target region status		5
STATUS Input/output valid values	ACTIVE, QUIESCE							
STATUS Output valid values	QUIESCING, QUIESCED							
TASKINC	BINARY	CPSM	2	MAX	No	Task count increment value		29
TASKLOAD	BINARY	CPSM	4	MAX	No	Task load percentage		12
TOPRSUPD	BINARY	CPSM	1	MAX	No	RS server top tier	5	33
UPDATERS	BINARY	CPSM	1	MAX	No	RS Server update frequency	15	31
WLMOPTEN	EYUDA	CPSM	4	LIKE	No	Optimization enablement state		35
WLMOPTEN Output valid values	ENABLED, DISABLED							
WLMQMODE	EYUDA	CPSM	4	LIKE	No	Task load queue mode	ALL	11
WLMQMODE Input/output valid values	ALL, MAXTASK, N_A							
WLMTHRSH	BINARY	CPSM	1	MAX	No	Task load health threshold	60	32
WRKLDCNT	BINARY	CPSM	4	MAX	No	Workload count		9

WLMATGRP Resource Table

A CICSPlex SM Workload Manager object that describes a transaction group installed in an active workload.

This object is referenced within the scope of a workload. The workload name must be explicitly identified in the PARM option of the API GET command by coding the following text string:

```
PARM('WORKLOAD(workload).')
```

workload is the name of an active workload and is required. Alternatively, you can code the following text string:

```
PARM('WORKLOAD(*).')
```

You can specify a workload name of * as a wildcard. Using this wildcard returns a WLMATGRP record for every workload with which the target region is associated. No other generic form of workload name can be specified - it must be an explicit workload name or the wildcard.

You can specify other parameters, but the workload name is required.

The key for this resource class is a composite element.

The following actions are supported:

ACTIVE
> Activate the Transaction Group.

DORMANT
> Make the Transaction Group dormant.

SET Modify attributes of the Active Transaction Group.

These actions require no unique parameter data.

A transaction group in the dormant state does not make affinity relation decisions about AOR target selection. It does, however, record static affinity relations. This allows a transaction group to be installed before activating dynamic transaction routing to record affinities based on the existing static routing configuration. When the transaction group is made active, it then has a valid representation of affinities created using static facilities.

External resource name
> CICSWLMActiveTransactionGroup

Length
> 64

Usage API or CICS Management Client Interface

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> Yes

Object type
> CICSPlex SM Manager

Copybook identifier
> EYUt2486

Table 427. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	No

Table 427. Valid CPSM operations (continued)

PERFORM SET	ACTIVE	WORKLOAD(value)	No
	DORMANT	WORKLOAD(value)	No
	SET	WORKLOAD(value)	No
SET		None	N/A

Table 428. WLMATGRP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	NO_WORKLOAD	No workload	22	NO_TRANGRP	No transaction group
23	WORKLOAD_FROZEN	Workload frozen	24	INVALID_ALGORITHM	Invalid algorithm type

Table 429. WLMATGRP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ABENDCRIT	BINARY	CPSM	1	AVG	No	Acceptable abend level	10
ABENDTHRESH	BINARY	CPSM	1	AVG	No	Acceptable target region load level	11
AFFAUTO	EYUDA	CPSM	4	LIKE	No	Automatic affinity creation	15
AFFAUTO Input/output valid values	YES, NO, N_A						
AFFINITY	EYUDA	CPSM	4	LIKE	No	Affinity relationship	8
AFFINITY Input/output valid values	GLOBAL, LUNAME, USERID, NONE, N_A, BAPPL, LOCKED						
AFFLIFE	EYUDA	CPSM	4	LIKE	No	Affinity lifetime	9
AFFLIFE Input/output valid values	LOGON, PCONV, PERMANENT, SIGNON, SYSTEM, DELIMIT, NONE, N_A, ACTIVITY, PROCESS, UOW						
ALGTYPE	EYUDA	CPSM	4	LIKE	Yes	Algorithm type INHERIT	16
ALGTYPE Input/output valid values	INHERIT, QUEUE, LNQUEUE, GOAL, LNGOAL						
EVENTNAME	CHAR	CPSM	8	DIFF	No	Event name	12
FILTER	EYUDA	CPSM	4	LIKE	No	Primary search criterion	7
FILTER Input/output valid values	LUNAME, USERID						
STATUS	EYUDA	CPSM	4	LIKE	Yes	Transaction group status	6
STATUS Input/output valid values	ACTIVE, DORMANT						

Table 429. WLMATGRP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
TRANCNT	BINARY	CPSM	4	AVG	No	Active transaction count	17
`TRANGRP-3`	CHAR	CPSM	8	DIFF	Yes	Transaction group	4
`WORKLOAD-1`	CHAR	CPSM	8	DIFF	Yes	Workload	5
`WRKLOWNER-2`	CHAR	CPSM	4	DIFF	Yes	Workload owner	13

WLMATRAN Resource Table

A CICSPlex SM Workload Manager object that describes a dynamic transaction defined explicitly to CICSPlex SM. Dynamic transactions have to be defined only if they have specific separation or affinity criteria.

This object is referenced within the scope of a workload. The workload name must be explicitly identified in the PARM option of the API GET command by coding the following text string:

PARM('WORKLOAD(*workload*).')

workload is the name of an active workload and is required. Alternatively, you can code the following text string:

PARM('WORKLOAD(*).')

You can specify a workload name of * as a wildcard. Using this wildcard returns a WLMATRAN record for every workload with which the target region is associated. No other generic form of workload name can be specified. You must use an explicit workload name or the wildcard.

You can specify other parameters, but the workload name is required.

The key for this resource class is a composite element.

The following action is supported:

FORCE
>   Force removal of a transaction.

The FORCE action requires no unique parameter data.

External resource name
>   CICSWLMActiveTransaction

Length
>   32

Usage   API or CICS Management Client Interface

API view
>   No

CMAS context
>   No

SCOPE applies
    No

Only query CMASs in workload
    Yes

Object type
    CICSPlex SM Manager

Copybook identifier
    EYUt2488

Table 430. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	No
PERFORM SET	FORCE	None	N/A

Table 431. WLMATRAN FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	NO_WORKLOAD	No workload	22	NO_TRANSID	No transaction ID
23	WORKLOAD_FROZEN	Workload frozen	24	MAL_PENDING	MAL pending

Table 432. WLMATRAN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
PSEUDOMODE	EYUDA	CPSM	4	LIKE	No	Start or end of pseudo-conversation	5
PSEUDOMODE Output valid values	START, END, N_A						
TRANGRP	CHAR	CPSM	8	DIFF	No	Transaction group	6
`TRANID-3`	CHAR	CPSM	8	DIFF	Yes	Transaction	4
`WORKLOAD-1`	CHAR	CPSM	8	DIFF	Yes	Workload name	7
`WRKLOWNER-2`	CHAR	CPSM	4	DIFF	Yes	System ID of workload owner	8

WLMAWAOR Resource Table

A CICSPlex SM Workload Manager object that describes a CICS system used as an AOR in an active workload.

This object is referenced within the scope of a workload. The workload name must be explicitly identified in the PARM option of the API GET command by coding the following text string:

```
PARM('WORKLOAD(workload).')
```

workload is the name of an active workload and is required. Alternatively, you can code the following text string:

```
PARM('WORKLOAD(*).')
```

You can specify a workload name of * as a wildcard. Using this wildcard returns a WLMAWAOR record for every workload with which the target region is associated. No other generic form of workload name can be specified. You must use an explicit workload name or the wildcard.

You can specify other parameters, but the workload name is required.

The key for this resource class is a composite element.

The following actions are supported:

ACTIVATE
Allow transactions to be routed to an AOR.

QUIESCE
Do not route new transactions to an AOR.

These actions require no unique parameter data.

When an AOR QUIESCE is requested, no new transactions are routed to the AOR. Existing tasks are not affected. Only transactions with an affinity to the AOR continue to be routed. When all affinities have been removed, the AOR no longer receives any new transactions.

Note: 2147483647 is a special value for *ROUTEWGHT* indicating that the target is quiesced.

External resource name
CICSWLMActiveAOR

Length
104

Usage API or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
Yes

Object type
CICSPlex SM Manager

Copybook identifier
EYUt2484

Table 433. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		TRANNAME(value)	No
		WORKLOAD(value)	No
PERFORM SET	ACTIVATE	None	N/A
	QUIESCE	None	N/A

Table 434. WLMAWAOR FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	NO_AOR	Target region not defined			

Table 435. WLMAWAOR resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
`AOR-3`	CHAR	CPSM	8	DIFF	Yes	Target region name		5
CFUPDCNT	BINARY	CPSM	8	AVG	No	Coupling Facility update count		24
CON_STATUS	EYUDA	CPSM	4	LIKE	No	Target region contact status		7
CON_STATUS Output valid values	LOSTCON, N_A							
CPSMVER	CHAR	CPSM	4	DIFF	No	CICSPlex SM version		28
EVENTS	EYUDA	CPSM	4	AVG	No	RTA event active		25
EVENTS Output valid values	NO, YES							
HLTHDUMP	EYUDA	CPSM	4	LIKE	No	Region is dumping		19
HLTHDUMP Output valid values	NO, YES							
HLTHMAXT	EYUDA	CPSM	4	LIKE	No	Region is at MAXTASKS		20
HLTHMAXT Output valid values	NO, YES							
HLTHNRM	EYUDA	CPSM	4	LIKE	No	MAS non responsive		27
HLTHNRM Output valid values	NO, YES							
HLTHSOS	EYUDA	CPSM	4	LIKE	No	Short on storage		17
HLTHSOS Output valid values	NO, YES							
HLTHSTALL	EYUDA	CPSM	4	LIKE	No	Region has stalled		18
HLTHSTALL Output valid values	NO, YES							
MAXTASKS	BINARY	CPSM	4	AVG	No	Maximum task count for region		22
OWSTATE	EYUDA	CPSM	4	LIKE	No	Optimization status		16
OWSTATE Output valid values	ACTIVE, INACTIVE, N_A							
READRS	BINARY	CPSM	2	AVG	No	RS server read interval	200	9
ROUTEWGHT	BINARY	CPSM	4	AVG	No	WLM routing weight for region		23
ROUTINGLOAD	BINARY	CPSM	4	AVG	No	Routing Load		21
RSPOOLID	CHAR	CPSM	8	DIFF	No	RS server pool name		26
STATUS	EYUDA	CPSM	4	LIKE	No	Target region status		6
STATUS Input/output valid values	ACTIVE, QUIESCE							
STATUS Output valid values	QUIESCING, QUIESCED							
TASKINC	BINARY	CPSM	2	AVG	No	Task count increment value		13
TASKLOAD	BINARY	CPSM	4	AVG	No	Task load percentage		15
UPDATERS	BINARY	CPSM	1	AVG	No	RS Server update frequency	15	10
WLMQMODE	EYUDA	CPSM	4	DIFF	No	Task load queue mode	ALL	12
WLMQMODE Input/output valid values	ALL, MAXTASK, N_A							

Table 435. WLMAWAOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
WLMTHRSH	BINARY	CPSM	1	AVG	No	Task load health threshold	60	11
`WORKLOAD-1`	CHAR	CPSM	8	DIFF	Yes	Workload name		4
`WRKLOWNER-2`	CHAR	CPSM	4	DIFF	Yes	System ID of workload owner		8

WLMAWDEF Resource Table

A CPSM Workload Manager object that describes a workload definition installed in an active workload.

This object is referenced within the scope of a workload. The workload name must be explicitly identified in the PARM option of the API GET command by coding the following text string:

```
PARM('WORKLOAD(workload).')
```

workload is the name of an active workload and is required. Alternatively, you can code the following text string:

```
PARM('WORKLOAD(*).')
```

You can specify a workload name of * as a wildcard. Using this wildcard returns a WLMAWDEF record for every workload with which the target region is associated . No other generic form of workload name can be specified. You must use an explicit workload name or the wildcard.

You can specify other parameters, but the workload name is required.

The key for this resource class is a composite element.

The following action is supported:

DISCARD
> Remove the installed definition.

The DISCARD action requires no unique parameter data.

External resource name
> CICSWLMActiveDefinition

Length
> 128

Usage   API or CICS Management Client Interface

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> Yes

Object type
CICSPlex SM Manager

Copybook identifier
EYUt2489

Table 436. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	No
PERFORM SET	DISCARD	None	N/A

Table 437. WLMAWDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
21	WLMDEF_NOT_FOUND	Workload management definition not found	22	NO_WORKLOAD	No workload
23	NO_WLMDEF	No workload management definition (WLMDEF)	24	WORKLOAD_FROZEN	Workload frozen
25	MAL_PENDING	Request scheduled for execution later			

Table 438. WLMAWDEF resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
AORSCOPE	CHAR	CPSM	8	DIFF	No	Scope name of set of target systems	9
DESC	CHAR	CPSM	58	DIFF	No	Description	10
LUNAME	CHAR	CPSM	17	DIFF	No	Terminal LU name	7
`NAME-3`	CHAR	CPSM	8	DIFF	Yes	Workload definition	4
PROCESSTYPE	CHAR	CPSM	8	DIFF	No	Process type	12
TRANGRP	CHAR	CPSM	8	DIFF	No	Transaction group	6
USERID	CHAR	CPSM	8	DIFF	No	User ID	8
`WORKLOAD-1`	CHAR	CPSM	8	DIFF	Yes	Workload name	5
`WRKLOWNER-2`	CHAR	CPSM	4	DIFF	Yes	System ID of workload owner	11

WLMAWORK Resource Table

A CICSPlex SM Workload Manager object that describes an active workload.

The key for this resource class is a composite element.

There are no object specific actions for this resource class. The WLMAWORK object does not exist until the first CICS region that is defined as a router has initialized and created the workload. The creation of the workload is indicated in the CMAS EYULOG by message EYUWM0400I.

External resource name
CICSWLMActiveWorkload

Length
144

Usage API or CICS Management Client Interface

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICSPlex SM Manager

Copybook identifier
> EYUt2483

Table 439. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A

Table 440. WLMAWORK resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ABENDCRIT	BINARY	CPSM	1	AVG	No	Acceptable level of abend probability	15
ABENDTHRESH	BINARY	CPSM	1	AVG	No	Acceptable target region load level	16
AFFAUTO	EYUDA	CPSM	4	LIKE	No	Automatic affinity creation	20
AFFAUTO Output valid values	YES, NO, N_A						
AFFINITY	EYUDA	CPSM	4	LIKE	No	Default affinity relation	5
AFFINITY Output valid values	GLOBAL, LUNAME, USERID, NONE, N_A, BAPPL, LOCKED						
AFFLIFE	EYUDA	CPSM	4	LIKE	No	Default affinity lifetime	6
AFFLIFE Output valid values	LOGON, PCONV, PERMANENT, SIGNON, SYSTEM, DELIMIT, NONE, N_A, ACTIVITY, PROCESS, UOW						
ALGTYPE	EYUDA	CPSM	4	LIKE	No	Default algorithm type	14
ALGTYPE Output valid values	QUEUE, GOAL, LNQUEUE, LNGOAL						
AORCNT	BINARY	CPSM	2	AVG	No	Active target regions	8
AORSCOPE	CHAR	CPSM	8	DIFF	No	Default target scope	9
DESC	CHAR	CPSM	58	DIFF	No	Description	10
EVENTNAME	CHAR	CPSM	8	DIFF	No	Event name	17
OWSTATE	EYUDA	CPSM	4	LIKE	No	Optimization status	22
OWSTATE Output valid values	ACTIVE, PARTIAL, INACTIVE						
SHARED	EYUDA	CPSM	4	LIKE	No	Shared status	21
SHARED Output valid values	YES, NO						
STATUS	EYUDA	CPSM	4	LIKE	No	Workload status	12
STATUS Output valid values	ACTIVE, FROZEN						
TORCNT	BINARY	CPSM	2	AVG	No	Active routing regions	7

Table 440. WLMAWORK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
WAFFCNT	BINARY	CPSM	4	AVG	No	Active transaction group affinities	26
WDEFCNT	BINARY	CPSM	4	AVG	No	Active workload definitions	23
`WORKLOAD-1`	CHAR	CPSM	8	DIFF	Yes	Name	4
`WRKLOWNER-2`	CHAR	CPSM	4	DIFF	Yes	Owning system ID	18
WTGPCNT	BINARY	CPSM	4	AVG	No	Active transaction groups	25
WTRNCNT	BINARY	CPSM	4	AVG	No	Active dynamic transactions	24

WLMAWTOR Resource Table

A CICSPlex SM Workload Manager object that describes a CICS system used as a TOR in an active workload.

This object is referenced within the scope of a workload. The workload name must be explicitly identified in the PARM option of the API GET command by coding the following text string:

```
PARM('WORKLOAD(workload).')
```

workload is the name of an active workload and is required. Alternatively, you can code the following text string:

```
PARM('WORKLOAD(*).')
```

You can specify a workload name of * as a wildcard. Using this wildcard returns a WLMAWTOR record for every workload with which the target region is associated. No other generic form of workload name can be specified. You must use an explicit workload name or the wildcard.

You can specify other parameters, but the workload name is required.

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

External resource name
> CICSWLMActiveTOR

Length
> 40

Usage   API or CICS Management Client Interface

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> Yes

Object type
> CICSPlex SM Manager

Copybook identifier
EYUt2485

Table 441. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	No

Table 442. WLMAWTOR resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CON_STATUS	EYUDA	CPSM	4	LIKE	No	Routing region contact status	7
CON_STATUS Output valid values	LOSTCON, N_A						
OWSTATE	EYUDA	CPSM	4	LIKE	No	Optimization status	10
OWSTATE Output valid values	ACTIVE, INACTIVE, N_A						
`TOR-3`	CHAR	CPSM	8	DIFF	Yes	Routing region name	5
TOROWNER	CHAR	CPSM	8	DIFF	No	Name of controlling CMAS	9
`WORKLOAD-1`	CHAR	CPSM	8	DIFF	Yes	Workload name	4
`WRKLOWNER-2`	CHAR	CPSM	4	DIFF	Yes	System ID of workload owner	8

WLMDEF Resource Table

A CPSM Workload Manager Definition that describes the separation and affinity requirements for a set of dynamic transactions.

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

The following action is supported:

INSTALL
Install the definition into a workload.

The parameter data for the INSTALL action is:

```
PARM('WORKLOAD(workload) OWNER(owner).')

  where:

  workload = (Required) Name of an active workload to process
             definition.
  owner    = (Required) System ID of CMAS that created
workload, as identified by WLMAWORK.
```

External resource name
CICSWLMDefinition

Length
160

Usage API or Batch Utility or CICS Management Client Interface

API view
No

CMAS context
No

SCOPE applies
No

Only query CMASs in workload
Yes

Object type
CICSPlex SM Definition

Copybook identifier
EYUt3508

Table 443. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	OWNER(value)	Yes
		WORKLOAD(value)	Yes
	ADDTOGRP	RESGROUP(value)	Yes

Table 444. WLMDEF FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	not found	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	21	NO_WLMDEF	No workload management definition
22	NO_WORKLOAD	No workload	23	WORKLOAD_FROZEN	Workload frozen
24	MAL_PENDING	Request scheduled for execution later	25	PARMS_IGNORED	Parameters ignored
26	NODEFS_INSTALLED	No definitions installed	27	AORSCOPE_NOT_FOUND	AOR scope not found
28	TRANGRP_NOT_FOUND	Transaction group not found			

Table 445. WLMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
AORSCOPE	CHAR	CPSM	8	Yes	DIFF	No	Scope name of set of target systems			9
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			14
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			17
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			16
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			15
DESC	CHAR	CPSM	58	No	DIFF	No	Description			10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	13

Table 445. WLMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
LUNAME	CHAR	CPSM	17	Yes	DIFF	No	Terminal LU name			7
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Workload management definition			5
PROCESSTYPE	CHAR	CPSM	8	Yes	DIFF	No	BTS process type	*		11
TRANGRP	CHAR	CPSM	8	No	DIFF	No	Transaction group			6
USERID	CHAR	CPSM	8	Yes	DIFF	No	User ID			8

WLMGROUP Resource Table

A CPSM Workload Manager Definition that provides the association anchor for a set of WLMDEF definitions. References to a WLMGROUP are inferred to be references to the set of associated WLMDEF instances.

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

The following action is supported:

INSTALL

>Install the set of WLMDEF definitions.

>The parameter data for the INSTALL action is:

```
    PARM('WORKLOAD(workload) OWNER(owner).')

      where:

      workload = (Required) Name of an active workload to process group.
      owner    = (Required) System ID of CMAS that created
    workload, as identified by WLMAWORK.
```

External resource name
>CICSWLMGroup

Length
>112

Usage API or Batch Utility or CICS Management Client Interface

API view
>No

CMAS context
>No

SCOPE applies
>No

Only query CMASs in workload
>Yes

Object type
>CICSPlex SM Definition

Copybook identifier
>EYUt3506

Table 446. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	OWNER(value)	Yes
		WORKLOAD(value)	Yes
	ADDTOSPC	SPEC(value)	Yes

Table 447. WLMGROUP FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REF	Not found	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	21	NO_WLMGROUP	No workload management group
22	NO_WORKLOAD	No workload	23	WORKLOAD_FROZEN	Workload frozen
24	MAL_PENDING	Request scheduled for execution later	25	PARMS_IGNORED	Parameters ignored
26	NODEFS_INSTALLED	No definitions installed	27	NODEFS_ASSOCIATED	No definitions in group

Table 448. WLMGROUP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			8
CHANGEAGENT 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	Workload management group			5

WLMINGRP Resource Table

A CPSM Workload Manager Definition that describes the membership of a
workload definition (WLMDEF) in a workload group (WLMGROUP). A WLMDEF
can be a member of multiple WLMGROUPs.

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

There are no object specific actions for this resource class.

External resource name
> CICSWLMResourceInGroup

Length
> 56

Usage API or Batch Utility or CICS Management Client Interface

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICSPlex SM Definition

Copybook identifier
> EYUt5378

Table 449. Valid CPSM operations

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

Table 450. WLMINGRP FEEDBACK error codes

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

Table 451. WLMINGRP resource table attributes

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

WLMINSPC Resource Table

A CPSM Workload Manager Definition that describes the membership of a workload group (WLMGROUP) in a workload specification (WLMSPEC). A WLMGROUP can be a member of multiple WLMSPECs.

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

There are no object specific actions for this resource class.

External resource name
> CICSWLMGroupInSpecification

Length
> 56

Usage API or Batch Utility or CICS Management Client Interface

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICSPlex SM Definition

Copybook identifier
> EYUt5123

Table 452. Valid CPSM operations

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

Table 453. WLMINSPC FEEDBACK error codes

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

Table 454. WLMINSPC resource table attributes

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

Table 454. WLMINSPC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Attr ID
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	Workload management (WLM) group	6
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Workload management specification	5

WLMSPEC Resource Table

A CPSM Workload Manager Definition that describes the control directives for generating a workload. Using group associators a WLMSPEC object can determine which WLMDEF instances are to be installed into the workload. Using scope link associators (LNKSWSCS), a WLMSPEC object can determine which CICS systems are to be referenced as TORs. A CICS system acting as a TOR can have a scope link associator to only one WLMSPEC.

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

External resource name
> CICSWLMSpecification

Length
> 144

Usage API or Batch Utility or CICS Management Client Interface

API view
> No

CMAS context
> No

SCOPE applies
> No

Only query CMASs in workload
> No

Object type
> CICSPlex SM Definition

Copybook identifier
> EYUt3513

Table 455. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDSYSGRP	FORCE	Yes
		GROUP(value)	Yes
		NONE	Yes
		NULL	Yes
	ADDSYSDEF	SYSTEM(value)	Yes

Table 456. WLMSPEC FEEDBACK error codes

Value	Code	Description	Value	Code	Description
1	INV_DATA	Attribute data invalid	2	REC_NOT_FOUND	Requested resource not found
3	INV_REFERENCE	Does not exist	4	REC_EXISTS	Resource already exists
5	REC_CHANGED	Resource definition already changed	21	ABEND_COMBINATION	Abend load must be less than abend probability
22	AORSCOPE_NOT_FOUND	AOR scope not found	23	LNKASSOC_EXISTS	Association already exists

Table 457. WLMSPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
ABENDCRIT	BINARY	CPSM	1	Yes	AVG	No	Acceptable level of abend probability	0	2-99	14
ABENDCRIT Input/output valid values	0									
ABENDTHRESH	BINARY	CPSM	1	Yes	AVG	No	Acceptable abend load threshold	0	1-98	15
ABENDTHRESH Input/output valid values	0									
AFFAUTO	EYUDA	CPSM	4	No	LIKE	No	Automatic affinity creation option	N_A		17
AFFAUTO Input/output valid values	YES, NO, N_A									
AFFINITY	EYUDA	CPSM	4	No	LIKE	No	Default affinity relationship			7
AFFINITY Input/output valid values	N_A, GLOBAL, LUNAME, USERID, BAPPL, LOCKED									
AFFLIFE	EYUDA	CPSM	4	No	LIKE	No	Default affinity lifetime			8
AFFLIFE Input/output valid values	N_A, LOGON, PCONV, DELIMIT, PERMANENT, SIGNON, SYSTEM, ACTIVITY, PROCESS, UOW									
ALGTYPE	EYUDA	CPSM	4	Yes	LIKE	No	Algorithm type			10
ALGTYPE Input/output valid values	GOAL, QUEUE, LNQUEUE, LNGOAL									
AORSCOPE	CHAR	CPSM	8	Yes	DIFF	No	Default target scope			6
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			19
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			22
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			21
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			20

Table 457. WLMSPEC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
DESC	CHAR	CPSM	58	No	DIFF	No	Description			12
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999	18
EVENTNAME	CHAR	CPSM	8	No	DIFF	No	RTA event			13
MATCH	EYUDA	CPSM	4	Yes	LIKE	No	Primary search criterion			9
MATCH Input/output valid values	LUNAME, USERID									
`NAME-1`	CHAR	CPSM	8	Yes	DIFF	Yes	Name			5

WORKREQ Resource Table

A CICS Resource that describes EJB work requests and the transactions associated with them.

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

The following actions are supported:

PURGE
>Purge a selected work request.

FORCEPURGE
>Forcepurge a selected work request.

External resource name
>CICSWorkRequest

Length
>176

Usage   API or CICS Management Client Interface or EVALDEF

API view
>Yes

CMAS context
>No

SCOPE applies
>Yes

Only query CMASs in workload
>No

Object type
>CICS Resource

Copybook identifier
>EYUt0136

Table 458. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		WORKTYPE(IIOP|SOAP)	No
PERFORM SET	PURGE	WORKTYPE(IIOP|SOAP)	No

Table 458. Valid CPSM operations (continued)

FORCEPURGE	WORKTYPE(IIOP ❘ SOAP)	No

Table 459. WORKREQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
CLIENTIPADDR	CHAR	INQ	39	DIFF	No	Client IP address			2
CLNTIPFAMILY	CVDAS	INQ	4	LIKE	No	The format of the Client IP address		E640 E650	17
CLNTIPFAMILY Output valid values	IPV4, IPV6, NOTAPPLIC								
CORBASERVER	CHAR	INQ	4	DIFF	No	Associated CorbaServer			15
LISTENERPORT	BINARY	INQ	4	AVG	No	Host port that received the request			5
`NAME-1`	CHAR	INQ	8	DIFF	Yes	Work request			1
OAPPLID	CHAR	INQ	8	DIFF	No	Originating tasks application ID			7
OTASK	DECIMAL	INQ	4	AVG	No	Task that received the request			8
OTRANSID	CHAR	INQ	4	DIFF	No	Transaction ID that received the request			9
PURGETYPE	CVDAS	INQ	4	LIKE	Yes	Purge type		EALL	16
PURGETYPE Input/output valid values	PURGE, FORCEPURGE								
REQUESTID	BINARY	INQ	4	AVG	No	Current request ID			12
STACK	BINARY	INQ	4	AVG	No	Stack level of call			13
TASK	DECIMAL	INQ	4	AVG	Yes	Local task number			4
TRANSID	CHAR	INQ	4	DIFF	No	Local transaction ID			6
TSYSTEM	CHAR	INQ	50	DIFF	No	Address of target CICS system			10
TSYSTYPE	CVDAS	INQ	4	LIKE	No	Format of the Target system address		E640 E650	18
TSYSTYPE Output valid values	APPLID, IPV4, IPV6, NOTAPPLIC								
WORKTYPE	CVDAS	INQ	4	LIKE	Yes	Type of work being performed	IIOP		14
WORKTYPE Input/output valid values	IIOP, SOAP								

XMLTRANS Resource Table

A CICS resource that provides information about transformations between XML and application data.

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

The following actions are supported:

INQUIRE

Inquire about an XMLTRANSFORM resource. The resource must be installed in the CICS region.

External resource name

CICSXmltransform

Length

688

Usage API or CICS Management Client Interface or EVALDEF

API view

Yes

CMAS context

No

SCOPE applies

Yes

Only query CMASs in workload

No

Object type

CICS Resource

Copybook identifier

EYUt0196

Table 460. Valid CPSM operations

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

Table 461. XMLTRANS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	DIF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved			
BASDEFINEVER	BINARY	CPSM	1	AVG	Yes	BAS resource definition version	0		16
BUNDLE	CHAR	INQ	8	DIFF	Yes	Bundle name			4
CCSID	BINARY	INQ	4	LIKE	No	Coded character set ID		E640 E650	3
CHANGEAGENT	CVDAS	INQ	4	LIKE	No	Last modification agent			6
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DYNAMIC, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	4	DIFF	No	Last modification agent release			7
CHANGETIME	DATETIME	INQ	8	MAX	No	Last modification time			14
CHANGEUSRID	CHAR	INQ	8	DIFF	No	Last modification user ID			8
DEFINESOURCE	CHAR	INQ	8	DIFF	No	Source of the resource definition			9
DEFINETIME	DATETIME	INQ	8	MAX	No	Creation time			13

Table 461. XMLTRANS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
ENABLESTATUS	CVDAS	CPSM	4	LIKE	No	Enabled status			2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED								
ENABLESTATUS Output valid values	ENABLING, DISABLING								
INSTALLAGENT	CVDAS	INQ	4	LIKE	No	Installation agent			10
INSTALLAGENT Input/output valid values	BUNDLE, DYNAMIC								
INSTALLTIME	DATETIME	INQ	8	MAX	No	Installation time			15
INSTALLUSRID	CHAR	INQ	8	DIFF	No	Installation user ID			11
MAPPINGLEVEL	CHAR	INQ	8	MAX	No	Mapping level			24
MAPPINGRNUM	BINARY	INQ	4	MAX	No	Mapping release number			23
MAPPINGVNUM	BINARY	INQ	4	MAX	No	Mapping version number			22
MINRUNLEVEL	CHAR	INQ	8	MAX	No	Minimum runtime level			25
MINRUNRNUM	BINARY	INQ	4	MAX	No	Minimum runtime release number			27
MINRUNVNUM	BINARY	INQ	4	MAX	No	Minimum runtime version number			26
`NAME-1`	CHAR	INQ	32	DIFF	Yes	Name			1
USECOUNT	BINARY	STAT	4	MAX	No	Use count			28
VALIDATIONST	CVDAS	INQ	4	LIKE	Yes	Validation status			18
VALIDATIONST Input/output valid values	VALIDATION, NOVALIDATION								
XMLSCHEMA	CHAR	INQ	255	MAX	No	XML schema			20
XSDBIND	CHAR	INQ	255	MAX	No	XSD binding			19

Appendix. Resource table summary

A summary of the resource tables that CICSPlex SM provides by functional area.

CICS definition tables

Table 462. 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 463. 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 464. 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 465. 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 466. Summary of CICSPlex SM configuration definition resource tables

CMTCMDEF	CPLXCMAS
CMTPMDEF	CPLEXDEF

CICSPlex SM management

Table 467. 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 468. 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 469. 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
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ERMCATOM	ERMCMODE	ERMMTRAN
ERMCBUND	ERMCOSGB	ESGRPCHG
ERMCCONN	ERMCOSGS	

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CICS Family: General Information, GC33-0155

CICS 4.1 Sample Applications Guide, SC33-1173

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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